merten

SOLUTIONS FOR INTELLIGENT BUILDINGS

GB CATALOGUE



FLUSH-MOUNTED INSERTS



FLUSH-MOUNTED RANGES



ATELIER

M1



M-SMART

M-ARC

M-STAR

M-PLAN real glass

M-PLAN/M-PLAN II



ARTEC

TRANCENT

ANTIK



OCTOCOLOR

SPECIAL FLUSH-MOUNTED RANGES



AQUADESIGN

ANTI-VANDALISM

SPECIAL SURFACE-MOUNTED RANGES



AQUASTAR

IMPACT-RESISTANT

AGRAR

SURFACE-MOUNTED

SYSTEM ELECTRONICS



Radio system

Blinds control system

Dimmer system

Network technology

merten@home

SAFETY AND SECURITY ELECTRONICS



Movement detectors

Presence detectors

Light-sensitive switch

Smoke detector

KNX SYSTEM



Multi-function push-buttons

Bus coupler, flush-mounted

Switch actuator

REG-K

CONNECTION TECHNOLOGY



Cooker and appliance connection box

Plugs and connectors

SCHUKO® socket-outlet

SCHUKO® plug

Switch range colour variations	**4**	**Merten & Design**	**14**
Control interfaces	**8**	**The round light switch**	**16**
Switch manager	**10**		
Contacts	**12**		
Universal inserts	**18**	Universal flush-mounted inserts	**20**
System Basis	**40**	System Basis/Inserts	**42**
		ATELIER/Frames	**62**
		M1/Frames	**68**
System M	**74**	System M/Inserts	**80**
		M-SMART/Frames	**131**
		M-ARC/M-STAR/Frames	**138**
		M-PLAN real glass frame	**142**
		M-PLAN/M-PLAN II/Frames	**143**
System Design	**148**	System Design/Inserts	**150**
		ARTEC/Frames	**192**
		TRANCENT/Frames	**196**
		ANTIK/Frames	**204**
OCTOCOLOR	**206**	OCTOCOLOR/Inserts	**208**
		OCTOCOLOR/Frames	**228**
Waterproof	**230**	AQUADESIGN	**232**
Dry		ANTI-VANDALISM	**238**
Waterproof	**242**	AQUASTAR	**244**
		IMPACT-RESISTANT	**248**
		AGRAR	**252**
Dry		SURFACE-MOUNTED	**254**
Radio	**262**	CONNECT radio system	**272**
Blind	**266**	Blind control system	**267**
Dimmers/Transformers	**268**	Dimmer system/Transformers	**294**
merten@home	**270**	Network technology	**314**
Movement detectors	**320**	Surface- and flush-mounted movement detectors	**324**
Presence detectors			**336**
Light-sensitive switch			**340**
Smoke detector	**322**		**342**
KNX	**344**	KNX	**346**
Appliance connection boxes	**406**	Cooker and appliance connection boxes	**408**
Plugs and connectors		Rubber SCHUKO plugs and connectors	**410**
		SCHUKO plugs and connectors	**414**
		Plugs and connectors	**417**
Technical information	**420**		
Article numbers	**530**		

COLOUR VARIANTS OF THE SWITCH RANGES
SCOPE FOR INDIVIDUAL CREATIVITY

SYSTEM BASIS	SYSTEM M			
ATELIER/M1 from page 40 onwards	**M-SMART** from page 74 onwards Duroplastic, highly scratch-resistant	**M-SMART** from page 74 onwards Thermoplastic brilliant	**M-SMART** from page 74 onwards Thermoplastic classy matt	**M-ARC** from page 74 onwards
 ATELIER/Polar white (similar to RAL 9010)	 Polar white (similar to RAL 9010)	 Active white, glossy (similar to RAL 9016)	 Polar white (similar to RAL 9010)	 Polar white (similar to RAL 9010)
 ATELIER/White (similar to RAL 1013)	 White (similar to RAL 1013)	 Polar white, glossy (similar to RAL 9010)	 White (similar to RAL 1013)	 White (similar to RAL 1013)
 M1/Polar white (similar to RAL 9010)		 White, glossy (similar to RAL 1013)	 Polar white/aluminium colour (similar to RAL 9010)	 Aluminium colour
 M1/White (similar to RAL 1013)			 Polar white/anthracite (similar to RAL 9010)	 Anthracite (similar to RAL 7024)
				 Midnight blue/aluminium colour (similar to RAL 5022)

COLOUR VARIANTS OF THE SWITCH RANGES

SCOPE FOR INDIVIDUAL CREATIVITY

SYSTEM M

M-STAR	M-PLAN with real glass frame	M-PLAN/M-PLAN II
from page 74 onwards	from page 74 onwards	from page 74 onwards


Polished brass/polar white, glossy


Chrome/polar white


Diamond/polar white, glossy


Ruby/polar white


Polar white
(similar to RAL 9010)


Polished brass/anthracite


Satin silver/polar white


Diamond/aluminium colour


Ruby/aluminium colour


White
(similar to RAL 1013)


Chrome/white


Satin silver/white


Diamond/anthracite


Sapphire/polar white


Aluminium colour


Chrome/anthracite


Satin silver/anthracite


Mahogany/polar white


Sapphire/white


Anthracite
(similar to RAL 7024)


Anthracite/aluminium colour
(similar to RAL 7024)

The colours illustrated may vary slightly from the product colours due to the printing process.

COLOUR VARIANTS OF THE SWITCH RANGES
SCOPE FOR INDIVIDUAL CREATIVITY

SYSTEM DESIGN

ARTEC
from page 148 onwards



Polar white
(similar to RAL 9010)



Ice blue
(similar to RAL 2309005)



Aluminium colour



White
(similar to RAL 1013)



Vanilla
(similar to RAL 1009010)



Aluminium colour/vanilla yellow



Light grey
(similar to RAL 7035)



Midnight blue
(similar to RAL 5022)



Aluminium colour/midnight blue



Stainless steel



Black grey
(similar to RAL 7021)



Aluminium colour/black grey



Stainless steel/midnight blue



Dark brazil
(similar to RAL 8019)

ANTIK
from page 148 onwards



Polar white
(similar to RAL 9010)



White
(similar to RAL 1013)



Dark brazil
(similar to RAL 8019)



Antique brass



Polished brass/polar white

TRANCENT
from page 148 onwards



Transparent



Satinated



Satinated



Aluminium colour

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COLOUR VARIANTS OF THE SWITCH RANGES

SCOPE FOR INDIVIDUAL CREATIVITY

OCTOCOLOR		AQUADESIGN	ARGUS	
OCTOCOLOR from page 206 onwards	Colour rings	**AQUADESIGN** from page 230 onwards	**Movement detectors** from page 320 onwards	**Smoke detectors** from page 322 onwards



Polar white/chrome
(similar to RAL 9010)



Polar white/gold
(similar to RAL 9010)



White/gold
(similar to RAL 1013)



Titanium/chrome



Bronze metallic/gold





Polar white
(similar to RAL 9010)



White
(similar to RAL 1013)



Aluminium colour



Anthracite
(similar to RAL 7024)



Dark brazil
(similar to RAL 8019)



Polar white
(similar to RAL 9010)



Dark brazil
(similar to RAL 8019)



Aluminium



Polar white



Polar white



Aluminium



Aluminium

The colours illustrated may vary slightly from the product colours due to the printing process.

INTELLIGENT PUSH-BUTTON AND CONTROL SURFACES
CURRENT FUNCTIONS AT THE PRESS OF A BUTTON

SYSTEM DESIGN

Plus push-button
from page 168 onwards



1-gang, polar white
(similar to RAL 9010)



2-gang, polar white
(similar to RAL 9010)



3-gang, polar white
(similar to RAL 9010)



4-gang with IR receiver,
polar white
(similar to RAL 9010)

Plus push-button
from page 168 onwards



1-gang, aluminium colour



2-gang, aluminium colour



3-gang, aluminium colour



4-gang with IR receiver,
aluminium colour

Multi-function push-button
from page 170 onwards



2-gang with room temperature
control unit, polar white
(similar to RAL 9010)



4-gang with room temperature
control unit, polar white
(similar to RAL 9010)



2-gang with room temperature
control unit, aluminium colour



4-gang with room temperature
control unit, aluminium colour

Push-button module
from page 172 onwards



1-gang, polar white
(similar to RAL 9010)



1-gang with I/O imprint,
polar white
(similar to RAL 9010)



2-gang, polar white
(similar to RAL 9010)



2-gang with I/O and up/down
arrow imprint, polar white
(similar to RAL 9010)



2-gang with up/down arrow
imprint, polar white
(similar to RAL 9010)

INTELLIGENT PUSH-BUTTON AND CONTROL SURFACES

CURRENT FUNCTIONS AT THE PRESS OF A BUTTON

SYSTEM M

Plus push-button | push-button	Multi-function push-button	Push-button module
from page 101 onwards	from page 103 onwards	from page 105 onwards



1-gang, aluminium colour



4-gang, aluminium colour



2-gang with room temperature control unit, polar white
(similar to RAL 9010)



1-gang, polar white
(similar to RAL 9010)



2-gang, aluminium colour



4-gang with IR receiver, aluminium colour



2-gang with room temperature control unit, aluminium colour



1-gang with I/0 imprint, polar white
(similar to RAL 9010)



4-gang, aluminium colour



4-gang with room temperature control unit, aluminium colour



2-gang, polar white
(similar to RAL 9010)



2-gang with I/0 and up/down arrow imprint, polar white
(similar to RAL 9010)



2-gang with up/down arrow imprint, polar white
(similar to RAL 9010)

The colours illustrated may vary slightly from the product colours due to the printing process.

MERTEN SWITCH MANAGER

PLANNING AND CALCULATING IN SECONDS





NOW, PLANNING YOUR ELECTRICAL INSTALLATIONS HAS BECOME EVEN EASIER:

With the new Merten Switch Manager, you can quickly and conveniently put together switch and socket-outlet combinations via a standardised user interface.

Detailed knowledge of the switch range concerned is not required when entering specifications. The existing plans can be modified for each programme and colour variant at the touch of a key. The individual parts required are determined automatically. The price for the modified plan is displayed immediately.

The software calculates and plans all the components required for switch installations, whether they are for a family home or an industrial building. This drastically reduces the effort required to create quotations.

The complete version includes an electronic design consultant as well as the Switch Manager software. This enables you to offer your end customer a convincing presentation of all our switch ranges. Training videos provide a quick overview of all the software functions.

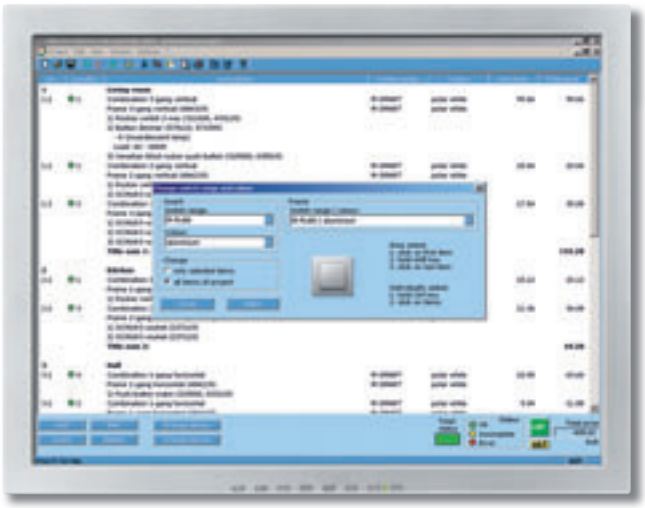
So why not go ahead and try it out. You can download the software free of charge from **www.merten.com**

MERTEN SWITCH MANAGER

PLANNING AND CALCULATING IN SECONDS

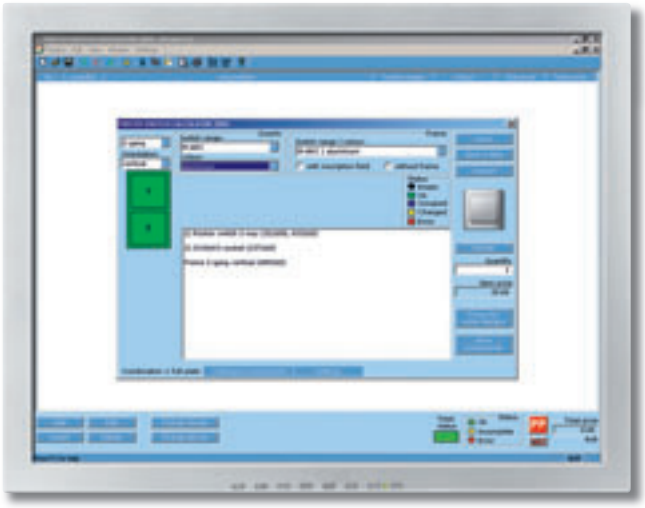
Change an existing project to any range or colour version at the touch of a key.

No other switch range offers greater variety and flexibility to adapt to new design requirements.



Put together switch and socket-outlet combinations quickly and conveniently.

The Switch Manager calculates and plans all the components you need to install switches in a private home or a commercial property.



Create a convincing presentation for all switch ranges using the design consultant.

Click on the mouse to re-calculate the change in design in relation to the room or for the entire building in just seconds. In this way, your client will know immediately what price they can expect to pay.



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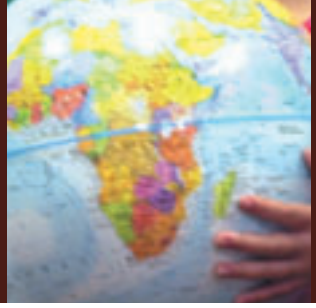
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MERTEN & DESIGN

KNOW-HOW AT ITS MOST BEAUTIFUL



Trade fair stand at light & building 2006 | Design: Martino Berghinz, Studio Patricia Urquiola, Milan

You can see at first glance what we at Merten mean by innovative design: a minimalist design idiom, because less is more. Form and function blend together to form a whole. High-quality materials such as glass or stainless steel, and intuitively operated control interfaces.

Innovative technology and design have been recognised for many years all over the world as an unmistakable brand label. Merten products embody the symbiosis of technology and design, whether they are switch ranges, movement detectors or smoke detectors.

One source of inspiration is our intensive exchange of ideas with internationally renowned designers. These include Sir Nicholas Grimshaw, under whose guidance numerous design highlights have been developed, including TRANCENT, System M, PLANTEC and the ARGUS movement detector system. A multitude of national and international design prizes also demonstrate that solutions for intelligent buildings are not just of practical value, but also command respect.

Awards for communication

Trade fair stand at light & building 2006 in Frankfurt

Exhibition “Switch – Intuition in the room” at the Museum for Applied Art in Frankfurt

Merten CD solutions for intelligent buildings

DESIGNPREIS 2007 NOMINIERT



“Switch – On the culture of switching” book project on “Switching”.
Published by Stylepark AG
ISBN 978-3-00-018639-4

MERTEN & DESIGN

OUTSTANDING PRODUCT DESIGN



SYSTEM M | M-PLAN II



SYSTEM M | M-SMART

brilliant, active white (anti-bacterial)



ANTI-VANDALISM



SYSTEM DESIGN | TRANCENT



AQUADESIGN

Focus Know-how Silber 2005



ARGUS MOVEMENT DETECTOR



ARGUS SMOKE DETECTOR



MERTEN@HOME



BED SIDE PANEL

SOLITARY

THE ROUND LIGHT SWITCH



SWITCHING = ROUND, SOCKET-OUTLETS AND OTHER FUNCTIONS = RECTANGULAR

Knives and forks are only complete together. Individually, however, they have entirely different functions and therefore different shapes. The shape tells us what you can do with them: stab and cut.

Individual products in a switch range follow a strict system idea that is based mainly on design trends in the sixties.

The standard design is set aside in order to intensify the emotional character of the product. Product families are formed. The experience in which form and function are united is derived from the purpose of the product.

The function of the product is intuitively perceived in its appearance.

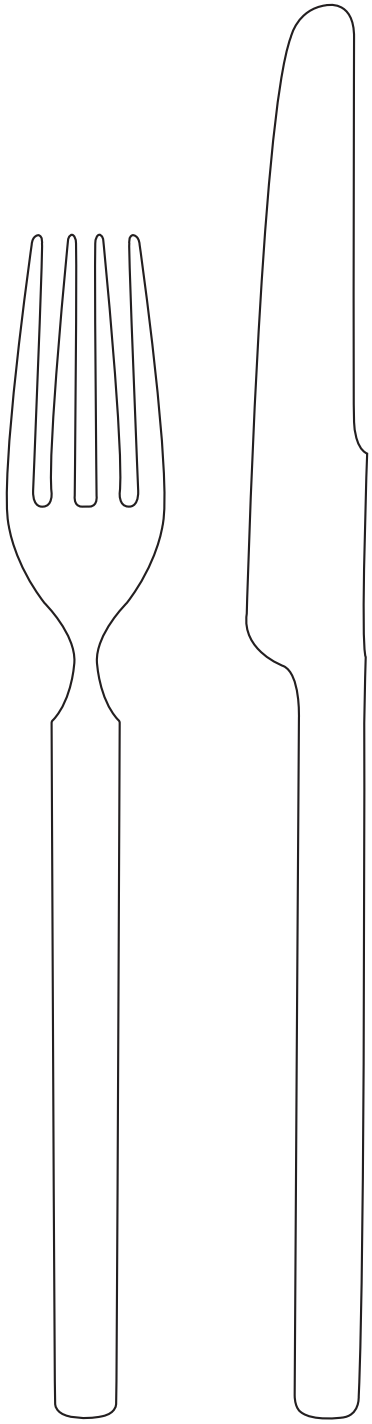
A ”round” break out of the ”square” system allows shape to indicate functions: Switching = round, socket-outlets and other functions = rectangular. Allocating the round shape to the switching function creates a formal unit that we intuitively find suitable.

SOLITARY

THE ROUND LIGHT SWITCH







Design of the round light switch: Konstantin Grcic

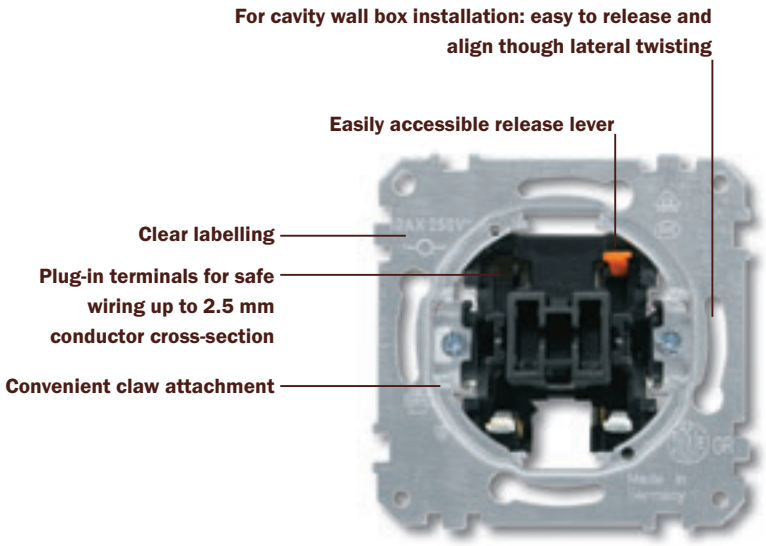
UNIVERSAL FLUSH-MOUNTED INSERTS

ONE INSERT, MANY OPTIONS

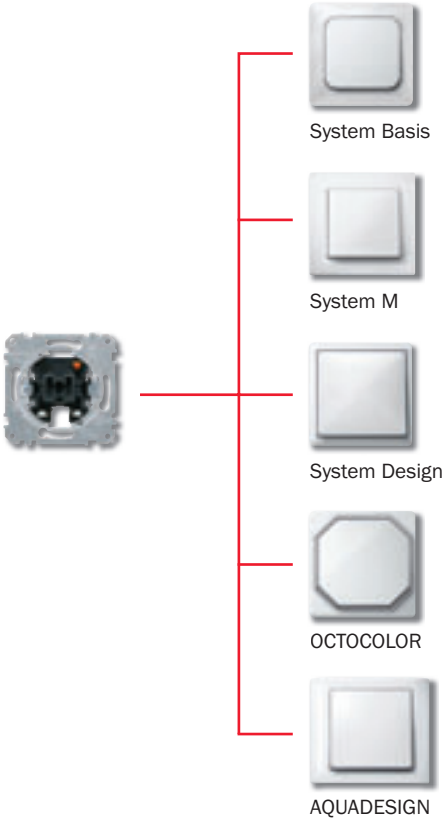


Today ATELIER, tomorrow ARTEC? No problem with Merten's universal flush-mounted inserts. Because when you change the switch range, there's no need to change the insert.

This saves time and installation costs, and gives your customers an inexpensive option for updating their switch design.

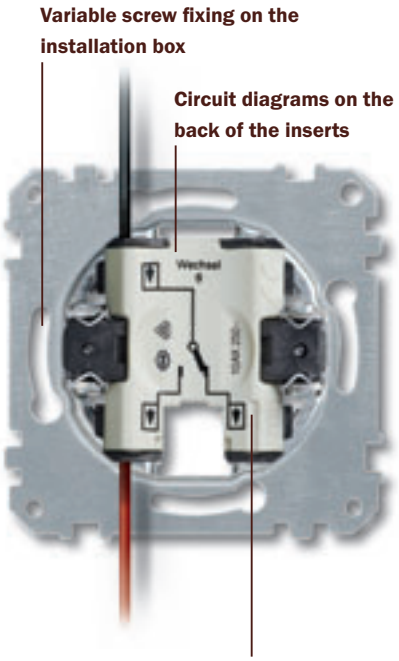


CONTENTS

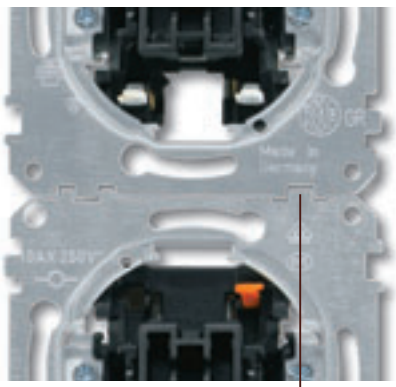


20 UNIVERSAL INSERTS

20 Switch and push-button inserts
21 Push-down switch inserts
21 Switch inserts
21 Roller shutter switch inserts
24 Room temperature control inserts
24 Rotary dimmers
27 DIN rail mounted rotary dimmers
27 DIN rail mounted dimmers
28 Memory super dimmer inserts
29 DIN rail mounted memory super dimmers
30 Electronic switch and push-button inserts
32 Extension inserts
32 Power boosters
32 Remote controls
33 TV/audio
34 Communications inserts and accessories
37 Accessories for universal inserts







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- Visible surface-mounted installation possible in connection with surface-mounted housing.
- Switch inserts with connecting terminals to VDE 0632
- Can be illuminated as defined by German workplace regulations of 23.3.1975.

Switch and push-button inserts

Technical Information: Circuit diagrams for installation of switches and push-buttons (⇒ p. 427)



Rocker switch insert

10 AX, AC 250 V

With plug-in terminals.

Version	Art. no.	PU	PG	Info
two-way	**311600**	10/100	1	
intermediate	**311700**	10/50	1	
one-way, 2-pole	**311200**	10/50	1	



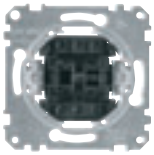
Rocker switch insert

10 AX, AC 250 V

With plug-in terminals.

To be completed with: Rocker for two-circuit switch, art. no. System M 4325.., 4335.., 4345.., System Basis 3105.., System Design 4125.., OCTOCOLOR 3325.., AQUADESIGN 3435...

Version	Art. no.	PU	PG	Info
two-circuit	**311500**	10/100	1	



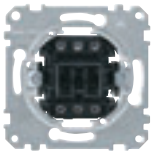
Rocker switch insert

10 AX, AC 250 V

With screw terminals.

To be completed with: Rocker for two-circuit switch, art. no. System M 4325.., 4335.., 4345.., System Basis 3105.., System Design 4125.., OCTOCOLOR 3325.., AQUADESIGN 3435...

Version	Art. no.	PU	PG	Info
double two-way	**311601**	10/50	1	



Rocker switch insert

16 AX, AC 400 V

Illuminated.
With screw terminals.

Accessories: Light attachment, art. no. 396376.

Version	Art. no.	PU	PG	Info
one-way, 3-pole with screw terminals	**311300**	10/50	1	



Rocker switch insert

20 A, AC 250 V

With screw terminals.

Version	Art. no.	PU	PG	Info
one-way, 2-pole	**311201**	10/50	1	



Rocker control switch insert

10 AX, AC 250 V

Can also be used as a 1-pole, one-way control switch.
With plug-in terminals.

Contents: With neon lamp.

Version	Art. no.	PU	PG	Info
one-way, 2-pole	**325200**	10/50	1	
two-way	**325600**	10/100	1	



Rocker button insert

10 A, 250 V AC

With plug-in terminals.

Version	Art. no.	PU	PG	Info
make contact, 1-pole	**315000**	10/100	1	
make contact, 1-pole, with separate signalling contact	**315900**	10/50	1	
two-way, 1-pole	**315901**	10/50	1	



Double rocker button insert

10 A, 250 V AC

2 separate conducting paths.
With plug-in terminals.

Version	Art. no.	PU	PG	Info
2 make contacts	**315902**	10/50	1	
1 make contact/1 break contact	**315903**	10/50	1	



Rocker button insert for hotel keycard holder

6 A, 230 V AC

With plug-in terminals.

To be completed with: Hotel keycard holder art. no. System Basis 3151.., System M 3154.., 3156.., System Design 3153...
Accessories: Neon lamp attachment with integrated lamp, art. no. 396502. Plug-in light attachment E 10, art. no. 396576. LED lamp E 10, art. no. 3951... Neon lamp E 10, art. no. 395100.

Version	Art. no.	PU	PG	Info
two-way	**315800**	10/50	1	

Push-down switch inserts

For completion with push-down buttons from System BASIS or OCTOCOLOR.

Technical Information: Circuit diagrams for installation of switches and push-buttons (⇒ p. 427)



Push-down switch insert

10 AX, AC 250 V

All push-down control switch inserts are recognisable by the blue contact piece.

Version	Art. no.	PU	PG	Info
two-way	**330600**	10/50	1	
two-circuit	**330500**	10/50	1	
intermediate	**330700**	10/50	1	



Push-down control switch insert

10 AX, AC 250 V

Can also be used as a 1-pole, one-way control switch.
All push-down control switch inserts are recognisable by the blue contact piece.

Contents: With neon lamp.

Version	Art. no.	PU	PG	Info
one-way, 2-pole	**332200**	10/50	1	
two-way	**332600**	10/50	1	

Switch inserts

Time switches (complete items) can be found in the System Basis, System M, System Design or OCTOCOLOR ranges.



Time switch insert

AC 250 V, 16 A (4 A for motors)

Possible deviation of up to + 12 %.

To be completed with: Central plate for time switch insert, 15 min, art. no. System M 5674.., 5390..,5393.., System Basis 5380.., System Design 5383.., OCTOCOLOR 5381...Central plate for time switch insert, 120 min, art. no. System M 5675.., 5392..5394.., System Basis 5382.., System Design 5384.., OCTOCOLOR 5389...

Technical Information: Circuit diagrams for installation of switches and push-buttons (⇒ p. 428)

Version	Art. no.	PU	PG	Info
2-pole, 15 min	**538000**	1/40	8	
2-pole, 120 min	**538200**	1/40	8	



Three-step rotary switch insert

16 A, AC 250 V

For 3-level switching of fans for air conditioning devices, heating systems or extractor hoods.

To be completed with: Central plate for three-step rotary switch, art. no. System M 5672.., 4373..5388.., System Basis 3174.., System Design 3169.., OCTOCOLOR 3173...

Version	Art. no.	PU	PG	Info
	317400	1/40	8	



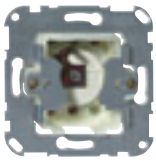
Fan switch insert

10 A, 250 V AC

For switching fans at three different speeds.

To be completed with: Central plate for fan switch, art. no. 3171.., 4371...

Version	Art. no.	PU	PG	Info
	317100	1/40	1	



Universal switch insert for cylinder locks

10 A, 250 V AC

For standard semi-cylinder locks of 40 mm in length.
No zero position!

To be completed with: Central plate for two-way maintained-contact switch, art. no. System M 3195.., 3181.., System Basis 3186.., OCTOCOLOR 3346...

Technical Information: Semi-cylinder lock (⇒ p. 462)

Contents: Without lock.

Version	Art. no.	PU	PG	Info
2-pole	**318601**	1/50	8	

Roller shutter switch inserts

Technical Information: Roller shutter switch and push-button (⇒ p. 462)



Roller shutter rocker switch insert

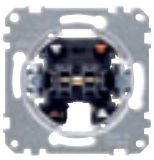
10 A, 250 V AC

With mechanical reverse lock-out and electrical interlock.

To be completed with: Rocker for roller shutter switches and push-buttons, art. no. System M 4324.., 4355.., 4344.., System Basis 3155.., System Design 4115.., OCTOCOLOR 3315...

Version	Art. no.	PU	PG	Info
1-pole	**311501**	10/50	1	

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Roller shutter rocker switch insert with additional contact

10 A, 250 V AC

With mechanical reverse lock-out and electrical interlock.

To be completed with: Rocker for two-circuit switch with imprint, art. no. System M 4326..., 4356...Rocker for two-circuit switch, art. no. System M 4325.., 4335.., 4345.., System Basis 3105.., System Design 4125.., OCTOCOLOR 3325.., AQUADESIGN 3435...Rocker for roller shutter switches and push-buttons, art. no. System M 4324.., 4355.., 4344.., System Basis 3155.., System Design 4115.., OCTOCOLOR 3315...

Note: With an additional contact for switching off the bell function in connection with 5867.. and 587092, when the "Please do not disturb / Make up room" application is used.

Version	Art. no.	PU	PG	Info
	311502	10/50	1	



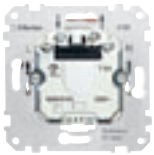
Roller shutter rocker button insert

10 A, 250 V AC

With mechanical reverse lock-out and electrical interlock.

To be completed with: Rocker for roller shutter switches and push-buttons, art. no. System M 4324.., 4355.., 4344.., System Basis 3155.., System Design 4115.., OCTOCOLOR 3315...

Version	Art. no.	PU	PG	Info
1-pole	**315500**	10/50	1	



Roller shutter/two-circuit insert

AC 230 V, 50-60 Hz

Neutral conductor **required.**

Switching capacity: AC 230 V, 1000 W/VA for both channels together
Capacitive load: AC 230 V, max. 140 µF
Power consumption: <1 W
Wire range: max. 2x2.5 mm²

To be completed with: Roller shutter control electronics, art. no. 569092, two-circuit control electronics, art. no. 569091.

Technical Information: TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
1000 VA	**576499**	1/50	8	



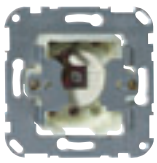
Momentary/maintained-contact switch insert for roller shutters

10 A, 250 V AC

Can be used as push-button with the locking disc provided.
Operated via a rotary knob.

To be completed with: Central plate for momentary/maintained-contact switch insert for roller shutters, art. no. System M 5671.., 5698.., 5387.., System Basis 3172.., System Design 3192.., OCTOCOLOR 3170...

Version	Art. no.	PU	PG	Info
2-pole	**317200**	1/40	1	



Momentary/maintained-contact switch insert for roller shutters for cylinder locks

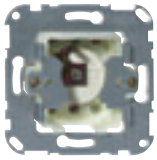
10 A, 250 V AC

For standard semi-cylinder locks of 40 mm in length.

To be completed with: Central plate for momentary/maintained-contact switch inserts for roller shutters, art. no. System M 3194.., 3193.., System Basis 3185.., OCTOCOLOR 3349.., AQUADESIGN 3482...

Contents: Without lock.

Version	Art. no.	PU	PG	Info
2-pole	**318501**	1/50	8	



Roller shutter push-button insert for cylinder locks

10 A, 250 V AC

For standard semi-cylinder locks of 40 mm in length.

To be completed with: Central plate for momentary/maintained-contact switch inserts for roller shutters, art. no. System M 3194.., 3193.., System Basis 3185.., OCTOCOLOR 3349.., AQUADESIGN 3482...

Contents: Without lock.

Version	Art. no.	PU	PG	Info
2-pole	**318901**	1/50	8	



Standard blind control insert

AC 230 V, 50 Hz

For local control of a blind/roller shutter motor with limit switch.
Motor protection through interlocked relay contacts. Without extension input.

Nominal voltage: AC 230 V, 50 Hz
Neutral conductor: required
Switching capacity: max. 1 motor 1000 W
Outputs: 2 make contacts (interlocked)
Pulse duration: 2 minutes
Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

To be completed with: Blind push-buttons and blind time switches for the blind control system. In the CONNECT radio system with the CONNECT radio roller shutter push-button with sensor connection art. No. System M 5035.., 5025..., System Design 5045...

Technical Information: Standard blind control insert, art. no. 580698 (⇒ p. 463)

Version	Art. no.	PU	PG	Info
1000 W	**580698**	1/50	8	

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Blind control insert with extension input

AC 230 V, 50 Hz

For controlling a blind/roller shutter motor with limit switch.
A mechanical roller shutter switch/push-button or an additional blind control insert can be connected via the extension input to implement group/central control. Wind alarm function possible with extension input. Motor protection through interlocked relay contacts.

Nominal voltage: AC 230 V, 50 Hz
Neutral conductor: required
Switching capacity: max. 1 motor 1000 VA
Outputs: 2 make contacts (interlocked)
Reversing time: minimum 500 ms
Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

To be completed with: Blind push-buttons and blind time switches for the blind control system. In the CONNECT radio system with the CONNECT radio roller shutter push-button with sensor connection art. No. System M 5035.., 5025..., System Design 5045...
Accessories: Wind sensor interface, art. no. 580693.
Technical Information: Blind control insert with extension input, art. no. 580699 (⇒ p. 463)
Note: In combination with the standard blind time switch, art. no. 5809.., 5859.., 5839.., 5819.., the extension input does not work.

Version	Art. no.	PU	PG	Info
1000 VA	**580699**	1/50	8	



Multiple control relay insert for roller shutters

5 A, AC 250 V

Suitable for a size 60 flush-mounted box.
With a multiple control relay, it is possible to control 2 motors locally by manual operation or centrally.
The multiple control relays can be cascaded.

To be completed with: Blanking cover, art. no. System M 3916.., 3918.., 3917.., System Basis 3920.., System Design 3919.., OCTO-COLOR 3926...
Technical Information: Multiple control relay insert for roller shutters (⇒ p. 470)

Version	Art. no.	PU	PG	Info
	576399	1/24	8	



Multiple control relay for roller shutters, flush-mounted

6 A, AC 250 V

Suitable for a size 60 flush-mounted box. Flat 22 mm design. For local control using push-buttons, installation in a deep flush-mounted box.
For controlling up to 2 roller shutter motors locally, in groups or centrally. With separation of load and control circuit, as well as forced locking in both directions of movement.
Motors are controlled individually using a roller shutter rocker switch and centrally using the blind time switches or blind push-buttons of the Merten blind control system.

Mains voltage: AC 230 V, 50 Hz ±10 %
Control voltage: AC 230 V ±10 %
Power consumption: 10 mA in relay operation
Switching voltage: max. AC 250 V
Switching current: max. 6 A
Temperature range: 0 -60 °C
Terminals: max. 1.5 mm²
Dimensions: 22x49x52 mm (HxWxD)
Installation: (deep) flush-mounted box

To be completed with: Blanking cover, art. no. System M 3916.., 3918.., 3917.., System Basis 3920.., System Design 3919.., OCTO-COLOR 3926...
Technical Information: Multiple control relay for roller shutters, flush-mounted (⇒ p. 471)

Version	Art. no.	PU	PG	Info
	576398	1/100	8	



Multiple control relay for roller shutters REG

2 A, AC 250 V

For installation on DIN rails.
For controlling up to 2 roller shutter motors locally, in groups or centrally. With separation of load and control circuit, as well as forced locking in both directions of movement.
Motors are controlled individually using a roller shutter rocker switch and centrally using the blind time switches or blind push-buttons of the Merten blind control system.

Mains voltage: AC 230 V, 50 Hz ±10 %
Power consumption: 10 mA in relay operation
Switching voltage: max. AC 250 V
Switching current: max. 2 A
Temperature range: 0 -60 °C
Terminals: max. 1.5 mm²
Device width: 2 modules = approx. 36 mm

Technical Information: Multiple control relay for roller shutters REG (⇒ p. 472)

Version	Art. no.	PU	PG	Info
	576397	1/40	8	

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Room temperature control inserts

Technical Information: Heating control (⇒ p. 489)



Room temperature control insert with switch

With thermal recirculation.
Fourth terminal for night economy.

To be completed with: Central plate for room temperature control unit with switch, art. no. System M 5348.., 5361.., System Basis 5385.., System Design 5397.., OCTOCOLOR 5391...
Contents: Room temperature control insert, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 10(4) A	**536302**	1/50	8	
AC 24 V, 1(1) A	**536304**	1/50	8	



Room temperature control insert with changeover contact

For electric underfloor heating if the additional heater has to be interlocked, air conditioning (cooling), valve drives (de-energised open or closed).
With thermal recirculation.

To be completed with: Central plate for room temperature control unit with changeover contact, art. no. System M 5347.., 5362.., System Basis 5365.., System Design 5374.., OCTOCOLOR 5364...
Contents: Room temperature control insert, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 5(2) A	**536400**	1/50	8	
AC 24 V, 1(1) A	**536401**	1/50	8	



Floor thermostat insert with switch

With remote sensor on 4 m incoming lead, extendable with twin-core cable.

To be completed with: Central plate for floor thermostat insert with switch, art. no. System M 5349.., 5358.., System Basis 5371.., System Design 5375.., OCTOCOLOR 5372...
Contents: Room temperature control insert, remote sensor, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 10(4) A	**537100**	1/12	8	

Rotary dimmers

- Surface-mounted visible installation possible in conjunction with surface-mounted housing.
- Interference immunity in line with VDE 0639.
- The following applies to all types of dimmers: If the dimmers cannot dissipate sufficient heat (cavity walls, multiple combinations, surface-mounted combinations and built-in dimmers on DIN rails), the maximum specified connected loads may not be exceeded.

Technical Information: Dimmer selection (⇒ p. 450); Dimmer and load types (⇒ p. 451); Lamps/dimmer matrix (⇒ p. 458)



Dimmer insert for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated two-way switch.
(Phase control).

To be completed with: Central plate for rotary dimmer inserts, art. no. System M 5670.., 5699..,5399.., System Basis 5723.., System Design 5720.., OCTOCOLOR 5726...
Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)

Version	Art. no.	PU	PG	Info
60-400 W	**572499**	1/72	8	
60-600 W, halogen 500 W	**572299**	1/72	8	



ATELIER dimmer with pressure-operated one-way switch for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated one-way switch.
(Phase control).

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)
Contents: Complete device with full cover plate, not combinable.

Version	Art. no.	PU	PG	Info
60-400 W, white	**572174**	1/60	8	



M1 dimmer with pressure-operated one-way switch for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated one-way switch.
(Phase control).

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)
Contents: Complete device with full cover plate, not combinable.

Version	Art. no.	PU	PG	Info
60-400 W, white	**572124**	1/60	8	

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ATELIER dimmer for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated two-way switch.
(Phase control).

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)
Contents: Complete device.

Version	Art. no.	PU	PG	Info
60-400 W, white	**572474**	1/60	8	
60-600 W, halogen 500 W, white	**572274**	1/60	8	



M1 dimmer for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated two-way switch.
(Phase control).

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)
Contents: Complete device.

Version	Art. no.	PU	PG	Info
60-400 W, white	**572424**	1/60	8	
60-600 W, halogen 500 W, white	**572224**	1/60	8	



Dimmer insert 900 W for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated two-way switch.
(Phase control).

To be completed with: Central plate for rotary dimmer inserts up to 1000 VA, art. no. System Design 5717.., OCTOCOLOR 5715...
Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)
Note: Not to be combined with System Basis or System M.

Version	Art. no.	PU	PG	Info
75-900 W/halogen 700 W	**572799**	1/30	8	



LV halogen dimmer insert for inductive load

AC 230 V

For dimmable, wound transformers and incandescent lamps (inductive/ohmic load).
With pressure-operated two-way switch.
(Phase control).

To be completed with: Central plate for rotary dimmer inserts, art. no. System M 5670.., 5699..,5399.., System Basis 5723.., System Design 5720.., OCTOCOLOR 5726...
Technical Information: Phase control dimmer (⇒ p. 454)

Version	Art. no.	PU	PG	Info
20-500 VA	**572599**	1/72	8	



ET dimmer insert for capacitive load

AC 230 V

For electronic transformers (MET and other brands) and incandescent lamps (ohmic load).
With pressure-operated two-way switch.
(Phase alignment)
Noise-free, short-circuit-proof, with overload protection, and soft start function to protect the lamps.

To be completed with: Central plate for rotary dimmer inserts, art. no. System M 5670.., 5699..,5399.., System Basis 5723.., System Design 5720.., OCTOCOLOR 5726...
Technical Information: Phase alignment dimmer (⇒ p. 455)

Version	Art. no.	PU	PG	Info
20-315 W	**577199**	1/50	8	



Electronic potentiometer insert 1-10 V

For generating the bus voltage for a line with up to 32 bus devices. With integrated choke to decouple the power supply from the bus and a switch to disconnect the power and reset the bus devices connected to the line.
With pressure-operated one-way switch 5 A.

To be completed with: Central plate for rotary dimmer inserts, art. no. System M 5670.., 5699..,5399.., System Basis 5723.., System Design 5720.., OCTOCOLOR 5726...
Technical Information: Control of fluorescent lamps and motors (⇒ p. 457)

Version	Art. no.	PU	PG	Info
	572999	1/50	8	

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Dimmer insert for inductive load

AC 230 V

For dimmable wound transformers, motors, incandescent lamps and fluorescent lamps (inductive/ohmic load).
With pressure-operated two-way switch and additional switch contact.
(Phase control).
In conjunction with the base load of the speed controller, this can be used as a dimmer for argon fluorescent lamps (Ø 38 mm) and as a dimmer in circuits with automatic mains disconnection.

Connected load: 600 W incandescent lamps, 500 W halogen lamps, 500 VA dimmable, wound transformers

To be completed with: Central plate for rotary dimmer inserts, art. no. System M 5670.., 5699..,5399.., System Basis 5723.., System Design 5720.., OCTOCOLOR 5726...
Accessories: Base load, art. no. 542894.
Technical Information: Phase control dimmer (⇒ p. 454); Control of fluorescent lamps and motors (⇒ p. 457)

Version	Art. no.	PU	PG	Info
25-600 VA	**573299**	1/50	8	



Base load

Consists of 4 x 6 watt resistors.
1 set required per dimmer and per power booster in parallel connection (can be replaced by a 25 watt incandescent lamp).

Version	Art. no.	PU	PG	Info
	542894	1/48	8	



Speed control insert

AC 230 V, 50-60 Hz, max. 2.7 A

For stepless speed control of single-phase motors such as induction motors, split-pole motors and universal motors. With separate switching outlet for controlling slats or to switch ohmic loads.
With short-circuit protection.

To be completed with: Central plate for speed controller, art. no. System M 5676.., 5696.., 5398.., System Basis 5836...
Note: Replaces speed controller insert, art. no. 573699.

Version	Art. no.	PU	PG	Info
	583699	1/50	8	



Surface-mounted dimmer for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated two-way switch.
(Phase control).
Closed base.

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)
Contents: Complete device with cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
60-400 W, white	**573444**	1/72	8	
60-400 W, polar white	**573419**	1/72	8	
60-400 W, dark brazil	**573417**	1/72	8	



Surface-mounted dimmer for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated two-way switch.
(Phase control).
Closed base.

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)
Contents: Complete device with cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
60-600 W, halogen 500 W, white	**571644**	1/72	8	
60-600 W, halogen 500 W, polar white	**571619**	1/72	8	
60-600 W, halogen 500 W, dark brazil	**571617**	1/72	8	

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DIN rail mounted rotary dimmers

- For installation in the distribution board on 35 mm DIN rail in accordance with DIN EN 50022.
- Device width: 53 mm = 3 modules.
- Interference immunity in line with VDE 0639.

Technical Information: Dimmer selection (⇒ p. 450); Dimmer and load types (⇒ p. 451); Lamps/dimmer matrix (⇒ p. 458)



Built-in dimmer for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated two-way switch.
(Phase control).

Accessories: Light attachment for rotary dimmer, art. no. 396476.
Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)

Version	Art. no.	PU	PG	Info
60-500 W, light grey	**571829**	1/72	8	



Built-in LV halogen dimmer for inductive load

AC 230 V

For dimmable, wound transformers and incandescent lamps (inductive/ohmic load).
With pressure-operated two-way switch.
(Phase control).

Accessories: Light attachment for rotary dimmer, art. no. 396476.
Technical Information: Phase control dimmer (⇒ p. 454)

Version	Art. no.	PU	PG	Info
20-500 VA, light grey	**572529**	1/72	8	



Built-in ET dimmer for capacitive load

AC 230 V

For electronic transformers (MET and other brands) and incandescent lamps (ohmic load).
With pressure-operated two-way switch.
(Phase alignment)
Noise-free, short-circuit-proof, with overload protection, and soft start function to protect the lamps.

Accessories: Light attachment for rotary dimmer, art. no. 396476.
Technical Information: Phase alignment dimmer (⇒ p. 455)

Version	Art. no.	PU	PG	Info
20-280 W, light grey	**577129**	1/50	8	

DIN rail mounted dimmers

Technical Information: Dimmer selection (⇒ p. 450); Dimmer and load types (⇒ p. 451); Lamps/dimmer matrix (⇒ p. 458)



Universal dimmer REG/230/500 W

AC 230 V, 50-60 Hz

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers.
(Phase control or phase alignment).
The universal dimmer automatically recognises the connected load. Combinations of ohmic and inductive, or ohmic and capacitive loads can also be connected. Combinations of inductive and capacitive loads cannot be connected. With short-circuit, open-circuit and excess temperature protection with soft start lamp protection.
Manual operation and extension unit operation.
For installation onto DIN rails EN 50022.
With memory function, can be switched off.

Nominal voltage: AC 220 - 230 V, 50/60 Hz
Nominal power: max. 500 W/VA
20 W minimum load (ohmic)
50 VA minimum load (ohmic/inductive/capacitive)
Input (extension unit operation): AC 230 V, 50/60 Hz (same phase as the dimming channel)
Device width: 4 modules = approx. 72 mm

Extension unit operation: With mechanical push-buttons (make contact). With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Technical Information: Universal dimmer (⇒ p. 456)

Version	Art. no.	PU	PG	Info
light grey	**571950**	1/10	8	



Universal dimmer REG/2x230/300 W

AC 230 V, 50-60 Hz

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers.
(Phase control or phase alignment).
The universal dimmer automatically recognises the connected load. Combinations of ohmic and inductive, or ohmic and capacitive loads can also be connected. Combinations of inductive and capacitive loads cannot be connected. With short-circuit, open-circuit and excess temperature protection with soft start lamp protection.
Manual operation and extension unit operation.
For installation onto DIN rails EN 50022.
With memory function, can be switched off.

Nominal voltage: AC 220 - 230 V, 50/60 Hz
Nominal power/channel: max. 300 W/VA
20 W minimum load (ohmic)
50 VA minimum load (ohmic/inductive/capacitive)
Input (extension unit operation): AC 230 V, 50/60 Hz (same phase as the dimming channel)
Device width: 4 modules = approx. 72 mm

Extension unit operation: With mechanical push-buttons (make contact). With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Technical Information: Universal dimmer (⇒ p. 456)

Version	Art. no.	PU	PG	Info
light grey	**571930**	1/10	8	

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Universal dimmer REG/4x230/ 150 W

AC 230 V, 50-60 Hz

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers.
(Phase control or phase alignment).
The universal dimmer automatically recognises the connected load. Combinations of ohmic and inductive, or ohmic and capacitive loads can also be connected. Combinations of inductive and capacitive loads cannot be connected. With short-circuit, open-circuit and excess temperature protection with soft start lamp protection.
Manual operation and extension unit operation.
For installation onto DIN rails EN 50022.
With memory function, can be switched off.

Nominal voltage: AC 220 - 230 V, 50/60 Hz
Nominal power/channel: max. 150 W/VA
20 W minimum load (ohmic)
50 VA minimum load (ohmic/inductive/capacitive)
Input (extension unit operation): AC 230 V, 50/60 Hz (same phase as the dimming channel)
Device width: 6 modules = approx. 105 mm

Extension unit operation: With mechanical push-buttons (make contact). With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Universal dimmer (⇒ p. 456)

Version	Art. no.	PU	PG	Info
light grey	**571915**	1/10	8	

Memory super dimmer inserts

- Memory: When the light is switched on, it has the last set brightness level.
- Interference immunity in line with VDE 0639.

Technical Information: Dimmer selection (⇒ p. 450); Dimmer and load types (⇒ p. 451); Lamps/dimmer matrix (⇒ p. 458)



Universal super dimmer insert

AC 230 V

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers or electronic transformers.
Phase control or phase alignment
The universal dimmer automatically recognises the connected load. Do not connect any mixed loads.
With memory function, can be switched off.

Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695... Central plate comfort rotating regulator for Universal super dimmer insert, art. no. System M 5678.., 5677... In the CONNECT radio system with the CONNECT sensor cover for dimmer inserts art. No. System M 5036.., 5026..., System Design 5046...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Universal dimmer (⇒ p. 456); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Note: The insert from version 3A only, can be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
25-420 VA	**577099**	1/50	8	



Universal dimmer insert, 2-gang

AC 230 V, 50-60 Hz

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers.
(Phase control or phase alignment).
The universal dimmer automatically recognises the connected load.
Do not connect any mixed loads.
With memory function, can be switched off.

Neutral conductor:not required (2 conductor system)
Nominal power/per channel: 50-200 W/VA

To be completed with: Push-button module, 2-gang, art. no. System M 568499, System Design 568199. Rockers for 2-gang push-button module, art. no. System M 6192.., 6252.., System Design 6262...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Universal dimmer (⇒ p. 456)

Version	Art. no.	PU	PG	Info
2 x 50-200 VA	**568099**	1/50	8	

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Memory super dimmer insert for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
(Phase control)
With memory function, can be switched off.

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
60-400 W	**573399**	1/60	8	
60-600 W, halogen 500 W	**577299**	1/60	8	



Memory halogen super dimmer insert for inductive load

AC 230 V

For dimmable, wound transformers and incandescent lamps (inductive/ohmic load).
(Phase control)
With memory function, can be switched off.

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Phase control dimmer (⇒ p. 454); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
20-500 VA	**573599**	1/60	8	



Memory ET super dimmer insert for capacitive load

AC 230 V

For electronic transformers (MET and other brands) and incandescent lamps (ohmic load).
(Phase alignment)
Noise-free, short-circuit-proof, with overload protection, and soft start function to protect the lamps. With memory function, can be switched off.

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With universal relay insert, art. no. 575897, with preset push-button function.

Technical Information: Phase alignment dimmer (⇒ p. 455); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
20-315 W	**577899**	1/60	8	

DIN rail mounted memory super dimmers

- Memory: When the light is switched on, it has the last set brightness level.
- For installation in the distribution board on 35 mm DIN rail in accordance with DIN EN 50022.
- Device width: 35 mm = 3 modules.
- Interference immunity in line with VDE 0639.

Technical Information: Dimmer selection (⇒ p. 450); Dimmer and load types (⇒ p. 451); Lamps/dimmer matrix (⇒ p. 458)



Built-in memory halogen super dimmer for inductive load

AC 230 V

For dimmable, wound transformers and incandescent lamps (inductive/ohmic load).
(Phase control)
With memory function, can be switched off.

Accessories: Light attachment for rotary dimmer, art. no. 396476.
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Phase control dimmer (⇒ p. 454)

Version	Art. no.	PU	PG	Info
20-500 VA, light grey	**573529**	1/50	8	



Built-in memory ET super dimmer for capacitive load

AC 230 V

For electronic transformers (MET and other brands) and incandescent lamps (ohmic load).
(Phase alignment)
Noise-free, short-circuit-proof, with overload protection, and soft start function to protect the lamps. With memory function, can be switched off.

Accessories: Light attachment for rotary dimmer, art. no. 396476.
Extension unit operation: With mechanical push-buttons. With universal relay insert, art. no. 575897, with preset push-button function.
Technical Information: Phase alignment dimmer (⇒ p. 455)

Version	Art. no.	PU	PG	Info
20-280 W, light grey	**577829**	1/50	8	

Electronic switch and push-button inserts

Technical Information: Electronics (⇒ p. 446)



Electronic switch insert

AC 230 V

For ohmic load such as incandescent lamps, 230 V halogen lamps.

Switching capacity: 25-400 W
Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695... In the radio system with sensor cover with radio receiver, art. no. System M 5931.., System Design 5930...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)
Note: Only the "toggle function" can be realised in conjunction with the radio system. The electronic switch insert, cannot be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
25-400 W	**575799**	1/50	8	



Electronic push-button insert

AC 230 V

Pulse generator for surge switches or protective circuits.
The switching function is determined by the surge switch or protective circuit used.

Connected load: 4-100 VA
Switching current: 10-500 mA
Pulse duration: approx. 40 ms
Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
4-100 VA	**574697**	1/60	8	



Electronic time switch insert

AC 230 V

For ohmic loads such as incandescent lamps and 230 V halogen lamps.
Fully electronic timer. Time range 5 s - 5 min.

Connected load: 25-400 W
Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
25-400 W	**575697**	1/60	8	

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Relay universal insert

AC 230 V

For ohmic, inductive and capacitive loads such as incandescent lamps, energy-saving lamps, LV halogen lighting with conventional transformer, electronic transformers, fluorescent lamps.
Neutral conductor required.
Functions:

- Push-button function: switched on as long as the push-button is touched, max. 1 minute
- Switching function: ON/OFF
- Time function: 5 s to 1 h

Connected load: max. 1000 W/VA,
500 VA for LV halogen lamps with conventional transformer,
max. 140 µF capacitive load

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTOCOLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
max. 1000 W/VA	**575897**	1/50	8	



Roller shutter/two-circuit insert

AC 230 V, 50-60 Hz

Neutral conductor **required.**

Switching capacity: AC 230 V, 1000 W/VA for both channels together
Capacitive load: AC 230 V, max. 140 µF
Power consumption: <1 W
Wire range: max. 2x2.5 mm²

To be completed with: Roller shutter control electronics, art. no. 569092, two-circuit control electronics, art. no. 569091.
Technical Information: TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
1000 VA	**576499**	1/50	8	



Electronic switch insert

AC 230 V

For ohmic load such as incandescent lamps, 230 V halogen lamps.

Switching capacity: 40-300 W
Neutral conductor:not required (2 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: A maximum of two electronic switch inserts may be wired in parallel. The sensor cover with radio receiver for switch inserts, art. no. 5932.., 5933.. can be used from version 1A with the electronic switch insert, art. no. 576799. The insert from version 2A only, can be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
40-300 W	**576799**	1/50	8	



Relay switch insert

AC 230 V

For ohmic and complex loads such as incandescent lamps, fluorescent lamps, energy-saving lamps, LV halogen lighting etc.

Switching capacity: 0-1000 VA
Capacitive load: max. 140 µF
Neutral conductor: required (3 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Replace the relay switch insert, art. no. 576899.

Version	Art. no.	PU	PG	Info
0-1000 VA	**576897**	1/50	8	

Extension inserts

Technical Information: Electronic sensor switch (⇒ p. 448)



Extension insert

For memory super, halogen super and TELE dimmer, electronic push-button, time switch, relay switch and MET transformers.
The extension unit **cannot** be controlled remotely.
Operated as with main unit.

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTOCOLOR 5742...
Technical Information: Electronic sensor switch (⇒ p. 448)

Version	Art. no.	PU	PG	Info
	573999	1/60	8	



Extension TELE insert

For memory super, halogen super and TELE dimmer, electronic push-button, time switch, relay switch and MET transformers.
Neutral conductor required.
Can be remote controlled.
Operated as with main unit.

To be completed with: TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
	573998	1/60	8	

Power boosters

Technical Information: Dimmer selection (⇒ p. 450)



Power booster

AC 230 V

For power extension of memory super dimmers, TELE dimmers, incandescent and fluorescent lamp dimmers.
The load must be evenly distributed across dimmers and power boosters.
(Phase control).

To be completed with: Blanking cover, art. no. System M 3916.., 3918.., 3917.., System Basis 3920.., System Design 3919.., OCTOCOLOR 3926...
Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)

Version	Art. no.	PU	PG	Info
25-600 VA	**574099**	1/60	8	



ET power booster for capacitive load

AC 230 V

For power extension of ET dimmers (art. no. 577199) or ET super dimmers (art. no. 577899).
The load must be evenly distributed across the ET dimmer and the ET power booster.
(Phase alignment).

To be completed with: Blanking cover, art. no. System M 3916.., 3918.., 3917.., System Basis 3920.., System Design 3919.., OCTOCOLOR 3926...
Technical Information: Phase alignment dimmer (⇒ p. 455)

Version	Art. no.	PU	PG	Info
20-315 W	**577399**	1/60	8	



Built-in power booster

AC 230 V

For power extension of memory super dimmers, TELE dimmers, incandescent and fluorescent lamp dimmers.
The load must be evenly distributed across dimmers and power boosters.
(Phase control).

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)

Version	Art. no.	PU	PG	Info
25-500 VA, light grey	**574029**	1/50	8	

Remote controls



IR remote control Distance 2010

10-channel IR remote control. For the control of all TELE sensor covers, blind push-buttons with IR receiver, presence detectors with IR receiver and KNX devices with IR receivers.

Battery: 2 microcells (IEC LR 03, AAA)
Range: up to 20 m

Receiver: TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTOCOLOR 5749... Blind push-button with IR receiver and sensor connection, art. no. System M 5880.., 5864.., System Basis 5804..,System Design 5844.., OCTOCOLOR 5824... ARGUS Presence with IR receiver, art. no. 550591, 630591. KNX IR receiver flush-mounted art. No. System Design 6235.. KNX multi-function push-button with IR receiver, art. no. 623008 System M 6292.., 6242.., 6274.., 6236.., 6175.., 6279.., System Design 6228.., Plantec 626008, 623008. Push-button, 4-gang plus with IR receiver, art. no. System M 6175.., 6279...
Contents: Without battery.

Version	Art. no.	PU	PG	Info
black	**570222**	1/48	8	



CONNECT radio universal remote control

20 channel radio remote control and IR remote control in a single device. For operating the radio receiver of the Merten CONNECT radio system and TV, VCR/DVD, SAT, AMP.
Radio features: **System administrator (see note)**

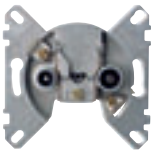
Functions:
- Update via the Internet
- IR functions are programmable via code input or via direct teaching in
- Macro functions

Radio: 20 channels, 20 scenes
Radio Range: up to 100 m free field, up to 30 m indoors
IR Range: up to 15 m
Battery: 4 microcells (IEC LR 03, AAA)
Display elements: 5 LEDs for status display and programming
Dimensions: 225 x 50 x 27 mm (H x W x D)

Receiver: All receivers of the Merten CONNECT radio system.
Note: The device can assume the features and characteristics of the system administrator. As it concerns a mobile device we recommend that you preferably select a fixed device as system administrator. Instead use for example a CONNECT radio push-button, 1-gang.
Contents: With battery. With a codes table for nearly all conventional devices, like TV, VCR, DVD, SAT, AUX, ...
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
black	**506922**	1/1	8	

TV/audio



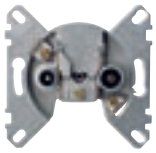
Broadband cable/satellite through-way box, 2-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Broadband directional coupler box for loop-through systems in broadband cable, communal aerial and satellite distribution systems. Suitable for flush-mounted boxes of Ø 55-65 mm. With claw and screw fixing.

To be completed with: Central plate for antenna socket-outlet, art. no. System M 2967.., 2975.., System Basis 2948.., System Design 2941.., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466098	1/54	1	



Broadband cable/satellite antenna branch-circuit box, 2-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Broadband directional coupler box for branch-circuit and star-type distribution systems in broadband cable, communal aerial and satellite distribution systems. With DC transmission via the TV connection. Suitable for flush-mounted boxes of Ø 55-65 mm.
With claw and screw fixing.
DC transmission: max. 24 V/400 mA
Signal: 22 kHz and DiSEqC

To be completed with: Central plate for antenna socket-outlet, art. no. System M 2967.., 2975.., System Basis 2948.., System Design 2941.., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466099	1/54	1	



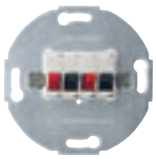
Satellite antenna socket-outlet, 3-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Single satellite socket-outlet, 3-gang. For individual branch-circuit and star-type distribution systems in communal aerial and satellite distribution systems. With DC transmission via the satellite connection. Suitable for flush-mounted boxes of Ø 55-65 mm.
With claw and screw fixing.
DC transmission: max. 24 V/320 mA
Signal: 22 kHz and DiSEqC

To be completed with: Central plate for antenna socket-outlet, art. no. System M 2967.., 2975.., System Basis 2948.., System Design 2941.., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466097	1/54	1	



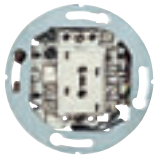
Loudspeaker connection insert, 2-gang

The poles are labelled in different colours. Conductor cross-section up to max. 10 mm².
With quick plug-in terminals. With screw terminals on the back.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
polar white	**467019**	10/50	1	
anthracite	**467014**	10/50	1	

Communications inserts and accessories

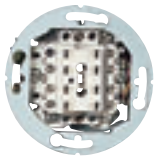


Telephone socket-outlet ADo 4

For connecting analogue terminal units.

To be completed with: Central plate for telephone socket-outlet ADo, art. no. System Basis 2930.., OCTOCOLOR 2937...
Accessories: Telephone socket-outlet ADo S 4, art. no. 465404.

Version	Art. no.	PU	PG	Info
4-pole, white	**465104**	10/40	1	



Telephone socket-outlet ADo 8

Codeable

For connecting analogue terminal units.

To be completed with: Central plate for telephone socket-outlet ADo, art. no. System Basis 2930.., OCTOCOLOR 2937...
Accessories: Telephone socket-outlet ADo S 8, art. no. 465408.
Contents: A setting knob for coding is included in every pack of 10.

Version	Art. no.	PU	PG	Info
8-pole, white	**465108**	10/40	1	



Telephone plug ADo S 4

For telephone socket-outlet ADo.

To be completed with: Telephone socket-outlet ADo 4, art. no. 465104.

Version	Art. no.	PU	PG	Info
4-pole, white	**465404**	5/250	1	



Telephone plug ADo S 8

For telephone socket-outlet ADo.

To be completed with: Telephone socket-outlet ADo 8, art. no. 465108.

Version	Art. no.	PU	PG	Info
8-pole, white	**465408**	5/250	1	



Telephone connector VDo 4

For central plate with cable outlet for telephone connector VDo 4.

To be completed with: Central plate with cable outlet for telephone connector VDo, art. no. System M 2968.., 2955.., System Basis 3925.., OCTOCOLOR 3927...

Version	Art. no.	PU	PG	Info
4-pole, white	**465304**	10/40	1	



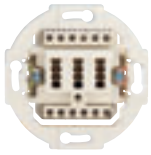
Telephone socket-outlet TAE, 1-gang

For the German market.

For connecting an analogue telephone.
With screw terminals.
1×6 F: 1 telephone

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
1x6 F, white	**465206**	10/50	1	



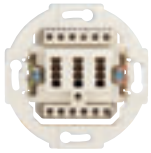
Telephone socket-outlet TAE, 3-gang

For the German market.

For connecting analogue telephones/ancillary units.
With screw terminals.
2×6/6 NF/F: 2 telephones, 1 ancillary unit
3×6 NFN: 1 telephone, 2 ancillary unit

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
2×6/6 NF/F, white	**465226**	10/50	1	
3x6 NFN, white	**465236**	10/50	1	



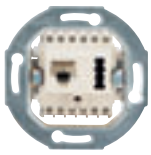
Telephone socket-outlet TDO 3x10

For the Austrian market.

For connecting analogue terminal units.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...Intermediate ring for combination inserts in line with DIN 49075, art. no. System M 5185.., 5181.., System Basis 5171.., System Design 5160.., OCTOCOLOR 5168...Intermediate ring with hinged lid for combination inserts in line with DIN 49075, art. no. System M 5186.., 5182.., System Basis 5174...
Can only be ordered via Merten in Vienna.

Version	Art. no.	PU	PG	Info
white	**465930**	1/1	1	



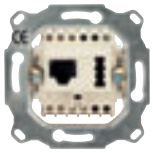
Combination socket-outlet RJ45/ TAE (Cat 3)

For connecting a telephone and an analogue or digital terminal unit via the 8-pole RJ45 connector.
With screw terminals.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Combination socket-outlet RJ45/TAE (Cat 3) (⇒ p. 483)

Version	Art. no.	PU	PG	Info
8(6)-6F+N, white	**465707**	1/60	1	

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Line 21 Combination socket-outlet RJ45/TAE

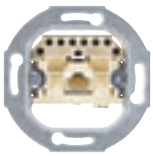
With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (TAE) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for the connection of additional telephone socket-outlets.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Line 21 Combination socket-outlet RJ45/TAE (⇒ p. 481)

Version	Art. no.	PU	PG	Info
8(6)-6F+N	**465709**	1/60	1	

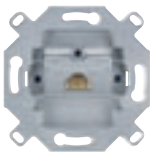


RJ45 insert 8

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962.., 2983.., System Basis 2917.., System Design 2918...

Version	Art. no.	PU	PG	Info
	465720	10/50	1	

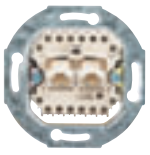


RJ45 insert 8 Cat 5e

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962.., 2983.., System Basis 2917.., System Design 2918...

Version	Art. no.	PU	PG	Info
	465721	1/50	1	



RJ45 insert 8/8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 8/8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465701**	10/40	1	



Line 21 RJ45 insert 8/8

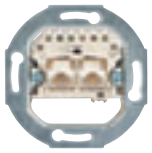
With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (RJ45, 8-pole) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for analogue telephony.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: Line 21 RJ45 insert 8/8 (⇒ p. 481)

Version	Art. no.	PU	PG	Info
	465708	1/60	1	



RJ45 insert 2x8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors connected in parallel with bus-type cabling.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 2x8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465702**	10/40	1	



RJ45 insert 8/8 Cat 5e

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465703**	1/50	1	



RJ45 insert 8/8 Cat 6

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465706**	1/50	1	

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Modular jack connector, Cat 3

WE Western type.
In line with US FCC 86, Cat 3.
Connection with IDC clamping method.

Pin configuration Telecom/ISDN modular jack/8-pole: 1a/4, 1b/5, 2a/3, 2b/6.

To be completed with: Supporting plate for modular jack connector, art. no. 461590.Insert for modular jack connector, art. no. System M 464398, System Basis 461398, System Design 464398, OCTOCOLOR 463398.Central plate for modular jack connector, art. no. System M 2901.., 2957.., System Basis 2929...

Version	Art. no.	PU	PG	Info
6-pole RJ 11/ Cat. 3, black	**465516**	5/250	1	
8-pole RJ 45/ Cat. 3, black	**465518**	5/250	1	



Modular jack connector, Cat 5

WE Western type.
In line with US FCC 86, Cat 5.
Connection via LSA terminals.

To be completed with: Supporting plate for modular jack connector, art. no. 461593.Insert for modular jack connector, art. no. System M 464399, System Basis 461399, System Design 464399, OCTOCOLOR 463399.

Version	Art. no.	PU	PG	Info
8-pole RJ 45/ Cat. 5, black	**465595**	5/200	1	



D-type socket connector, 9-pole

Solder connection max. 0.6 mm².

To be completed with: Central plate for D-type subminiature connector, 9-pole, art. no. System M 4676.., 4681.., System Basis 4601...Insert for D-type subminiature connector, 9-pole, art. no. System M 464391, System Basis 461391, System Design 464391, OCTOCOLOR 463391.
Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
9-pole	**465009**	5/500	1	



D-type socket connector, 15-pole

Solder connection max. 0.6 mm².

To be completed with: Central plate for D-type subminiature connector, 15-pole, art. no. System M 4677.., ,4682.., System Basis 4602...Insert for D-type subminiature connector, 15-pole, art. no. System M 464392, System Basis 461392, System Design 464392, OCTOCOLOR 463392.
Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
15-pole	**465015**	5/500	1	



D-type socket connector, 25-pole

Solder connection max. 0.6 mm².

To be completed with: Central plate for D-type subminiature connector, 25-pole, art. no. System M 4678.., 4683.., System Basis 4603...Insert for D-type subminiature connector, 25-pole, art. no. System M 464393, System Basis 461393, System Design 464393, OCTOCOLOR 463393.
Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
25-pole	**465025**	5/500	1	



BNC connector Ø 12.5 mm

Crimp connection up to Ø 6 mm.

To be completed with: Central plate for BNC/TNC socket, art. no. System M 4691.., 4685.., 4686.., System Basis 4605...Insert for BNC/TNC sockets, art. no. System M 464395, System Basis 461395, System Design 464395, OCTOCOLOR 463395.

Version	Art. no.	PU	PG	Info
	465010	5/500	1	



Reichle & De-Massari connection module, unshielded

Connection with ICD clamping method (no equipment necessary).

To be completed with: Insert for Reichle & De-Massari, art. no. 464384.
Accessories: Reichle & De-Massari splash flange, art. no. 465591. Reichle & De-Massari splash sleeve, art. no. 465590.

Version	Art. no.	PU	PG	Info
Cat 5e, 1xRJ45/u	**465580**	2/100	1	
Cat 6, 1xRJ45/u	**465582**	2/100	1	



Reichle & De-Massari connection module, shielded

Connection with ICD clamping method (no equipment necessary).

To be completed with: Insert for Reichle & De-Massari, art. no. 464384.
Accessories: Reichle & De-Massari splash flange, art. no. 465591. Reichle & De-Massari splash sleeve, art. no. 465590.

Version	Art. no.	PU	PG	Info
Cat 5e, 1xRJ45/s	**465581**	2/100	1	
Cat 6, 1xRJ45/s	**465583**	2/100	1	



Reichle & De-Massari splash flange

In the AQUADESIGN switch range, protection type IP 44 is achieved for all Reichle & De Massari modules with the splash flange.

To be completed with: Insert for Reichle & De-Massari, art. no. 464384.Reichle & De-Massari splash sleeve, art. no. 465590.
Contents: 1 PU = 10 pieces.

Version	Art. no.	PU	PG	Info
blue	**465591**	1/60	1	

Reichle & De-Massari splash sleeve

The splash sleeve is pulled over the connecting cable. In conjunction with the splash flange, protection type IP 44 is also achieved with plug-in connecting cable.

To be completed with: Reichle & De-Massari splash flange, art. no. 465591.
Note: Splash installation tool (three-prong pliers) can be ordered directly from Reichle & De-Massari.

Version	Art. no.	PU	PG	Info
transparent	**465590**	10/600	1	

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Accessories for universal inserts



Neon lamp attachment with integrated lamp

AC 230 V, 0.65 mA

For all 1- and 2-pole switch inserts.
For monitoring or lighting.

Contents: With neon lamp.

Version	Art. no.	PU	PG	Info
grey	**396502**	10/1000	1	



Plug-in light attachment E 10

For all 1- and 2-pole switch inserts.
For monitoring or lighting.
Caution!
For low voltage variants (e.g. 8 V) we recommend a display lamp, 24-30 V, tubular, E 10, up to 25 mm in length.

To be completed with: Neon lamp E 10, art. no. 395100.LED lamp E 10, art. no. 3951...
Contents: Without neon lamp.

Version	Art. no.	PU	PG	Info
	396576	10/1000	1	



LED lamp

AC/DC 230 V, AC/DC 24 V

Suitable for plug-in light attachment E 10 or light signal E 10 insert.

To be completed with: Plug-in light attachment E 10, art. no. 396576. Light signal E 10 insert, art. no. 319016.
Note: Current consumption approx. 20 mA

Version	Art. no.	PU	PG	Info
AC 230 V, red	**395120**	20/240	1	
AC 230 V, yellow	**395121**	20/240	1	
AC 230 V, green	**395122**	20/240	1	
AC 230 V, blue	**395123**	20/240	1	
AC 230 V, white	**395124**	20/240	1	
AC 24 V, red	**395131**	20/240	1	
AC 24 V, yellow	**395132**	20/240	1	
AC 24 V, green	**395133**	20/240	1	
AC 24 V, blue	**395134**	20/240	1	
AC 24 V, white	**395135**	20/240	1	



Neon lamp E 10

AC 230 V, 0.65 mA

Low current consumption (approx. 0.65 mA) and low starting voltage (max. 120 V) mean it is particularly suitable for stairwell and fluorescent lamp circuits.

To be completed with: Plug-in light attachment E 10, art. no. 396576.

Version	Art. no.	PU	PG	Info
AC 230 V, 0.65 mA	**395100**	20/4080	1	



LED light attachment, two-colour, for switch inserts

DC 3.3 V, 2 mA

For all 1- and 2-pole switch inserts.
For monitoring or lighting applications. The LED light attachment has a two-colour LED (red/green), the colour which lights up depends on the connection concerned.

To be completed with: Push-button interface, art. no. 670802, 670804, 763004.
Note: When using the push-button interface art. no. 670802, 670804 or 763004, a current limiter is not required. When using with other devices, the voltage must be between 3.3 V and 24 V. Please note that the maximum current must be limited to 30 mA.
Contents: With LED.

Version	Art. no.	PU	PG	Info
	396512	1/150	1	



Light attachment for 3-pole switch

AC 400 V, 1.25 mA

For 3-pole switch.
Contacts the outside terminals (400 V).

To be completed with: Rocker switch insert, art. no. 311300. Rocker switch, art. no. 340339.Rocker control switch, art. no. 372375.
Contents: With neon lamp.

Version	Art. no.	PU	PG	Info
AC 400 V, 1.25 mA	**396376**	5/1020	1	



Light attachment for rotary dimmer

AC 230 V, 0.65 mA

For all built-in dimmers.

Contents: With neon lamp.

Version	Art. no.	PU	PG	Info
	396476	5/1000	8	



Light signal E 10 insert

AC 250 V, max. 3 W

With E 10 holder and red hood

To be completed with: Central plate for light signal insert art. no. System M 3976.., 3978.., System Basis 3977.., , OCTOCOLOR 3191...Neon lamp E 10, art. no. 395100.LED lamp E 10, art. no. 3951...
Accessories: Hood for light signal E 10, art. no. 319011/12/13/14.
Contents: Without neon lamp.

Version	Art. no.	PU	PG	Info
hood, red	**319016**	10/50	1	



Hood for light signal E 10

Shatter-proof flat version for light signal E 10 insert.

Accessories from: Light signal E 10 insert, art. no. 319016.

Version	Art. no.	PU	PG	Info
red	**319011**	1/250	1	
green	**319012**	1/250	1	
clear	**319013**	1/250	1	
yellow	**319014**	1/250	1	



Extension claws

For suspending in the standard claw.
For the installation of flush-mounted inserts such as switches, push-buttons, socket-outlets etc. in the case of flush-mounted boxes which are built in too deeply.

Contents: 1 PU consists of two extension claws and one rubber band.

Version	Art. no.	PU	PG	Info
	533591	50/900	1	



Assortment of screws in plastic box

Contents:
20 screws for socket-outlet covers, plain.
20 screws for socket-outlet covers, black.

Version	Art. no.	PU	PG	Info
	539591	14/224	1	



Capacitor

AC 230 V, 0.33 µF

For use in push-button circuits to prevent flickering of the neon lamp and/or instantaneous switching of the installation relay when several push-buttons with neon lamps are in use.
For interference suppression of inductive loads, e.g. relays, contactors, fluorescent lamps, transformers, if the induction voltage of these devices leads to the retriggering of the ARGUS.

Version	Art. no.	PU	PG	Info
AC 230 V, 0.33 µF	**542895**	10/450	8	



Base load

Consists of 4 x 6 watt resistors.
1 set required per dimmer and per power booster in parallel connection (can be replaced by a 25 watt incandescent lamp).

Version	Art. no.	PU	PG	Info
	542894	1/48	8	



Replacement fuse

Version	Art. no.	PU	PG	Info
for 400 W	**550892**	20/4080	8	
for 500/600 VA	**550992**	20/4080	8	
for 1000 VA	**551092**	20/4080	8	
for halogen and halogen super dimmers 500 VA	**551192**	20/4080	8	
for roller shutter control and time switch 1000 VA	**551292**	20/4080	8	



Spare battery

For roller shutter controls and time switches.
The battery has a life of approx. 3-6 years.

∅**11.5 mm:** art. no. 5761.., 5762..
∅**15.5 mm:** year of manufacture up to 07.95: art. no. 5765.., 5766.., 5781.., 5782..

Version	Art. no.	PU	PG	Info
ø 11.5 mm	**576101**	10/300	8	
ø 15.5 mm	**576102**	10/300	8	



Surge protection module

AC 230 V, +6 % / -10 %

For electronic transformers MET and ET dimmers.
For protecting the transformer or dimmer during parallel operation of fluorescent lamps and other inductive loads with transformers.
Connection parallel to the input side of the transformer or dimmer. 1 module for max. 10 transformers per circuit is recommended.

Leakage current: (8/20) 4.5 kA (1x), 1 kA (100x)
Residual voltage at discharge current: (1 kA) approx. 1000 V

Version	Art. no.	PU	PG	Info
	552119	1/150	8	



Surge protection module for socket-outlets

Miniature version of direct line-side fine protection with acoustic fault signal. The module can be installed for example in waterproof SCHUKO socket-outlets.
It is advisable to clearly mark the relevant cover of the socket-outlet.

Type of protection: Fine protection
Failure indication: Acoustic signal
Special features: Test function

Version	Art. no.	PU	PG	Info
orange	**533497**	1/100	8	

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Surge protection module for socket-outlet combinations

For all combination SCHUKO flush-mounted socket-outlets.
Suitable for standard size 60 installation box.
It is advisable to clearly mark the cover of the relevant socket-outlet.

Mounting depth: 32 mm
Type of protection: Fine protection
Failure indication: Acoustic signal
Special features: Test function

Version	Art. no.	PU	PG	Info
	533498	1/50	8	



Potential equalisation angled connector

DIN 42801 part 2

Suitable for use as a potential equalisation socket-outlet insert.
Solder connection up to 6 mm².

To be completed with: Potential equalisation socket-outlet insert, art. no. System M 2904.., 2982.., 2906.., System Basis 2970.., System Design 2973.., OCTOCOLOR 2972...

Version	Art. no.	PU	PG	Info
	297190	10/500	1	



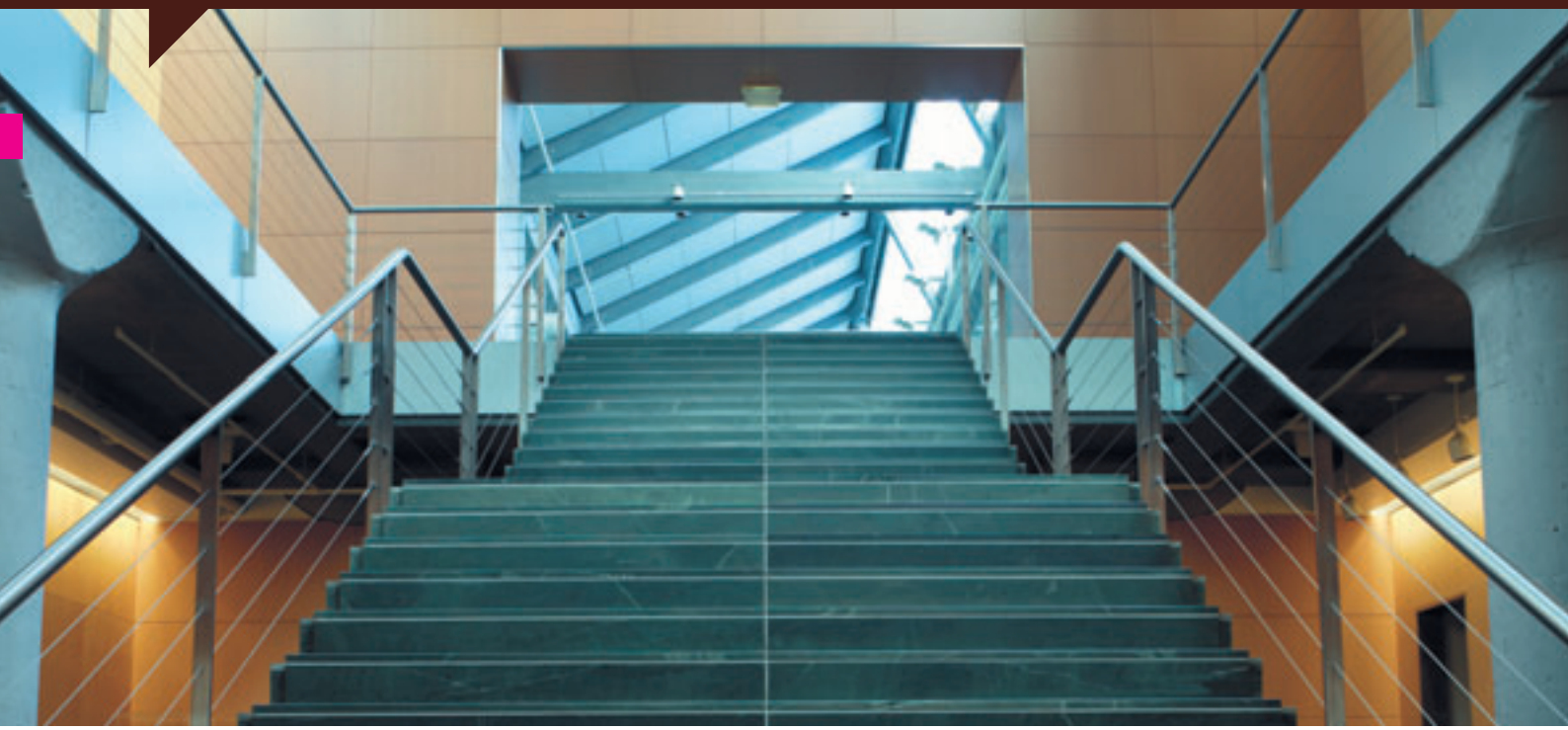
Labelling software

For professional labelling of DIN A4 labelling sheets in System Basis, System M, System Design and OCTOCOLOR.

Version	Art. no.	PU	PG	Info
	615022	1/20	9.1	

SYSTEM BASIS

THE DESIGN SERIES FOR GETTING STARTED

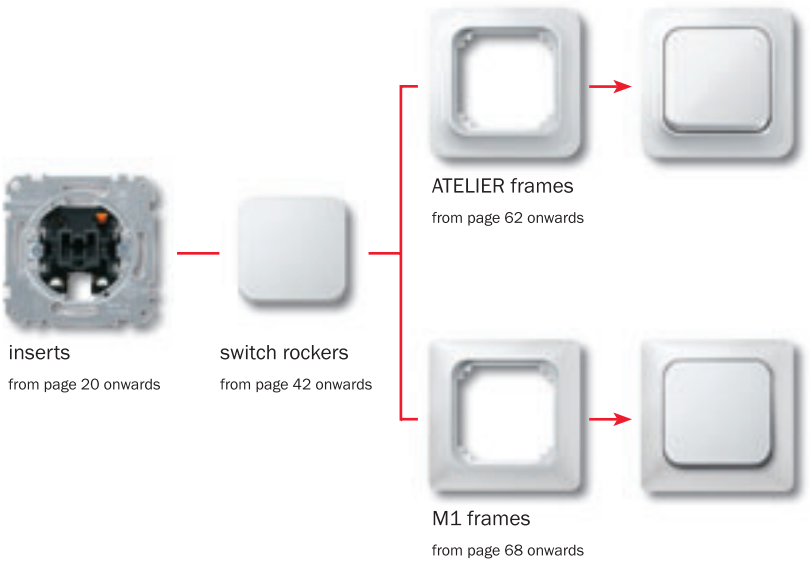


Introduce your customers to the world of high-quality switch design with Merten's System Basis range. Choose from over 125 different inserts – regardless of whether your design preference is for M1 or ATELIER.

Its special feature: both switch ranges use the same covers and central inserts. So if your customer ever decides to change to another switch design, it's not a problem. System Basis is prepared for it.

The system principle

Changing the switch range made easy: System Basis inserts fit all design variants. Just change the frames and the job is done.



CONTENTS



ATELIER makes a good impression with soft, smooth lines from the rocker to frame.



M1 stands out by means of its high functionality and clear form.

42 SYSTEM BASIS/INSERTS

42 Switch rockers
42 JUMBO, the big switch
43 Push-down buttons
43 SCHUKO socket-outlets and accessories
44 Socket-outlets and accessories
46 Switches, time switches and central plates
47 Covers for dimmers
47 Roller shutter switches
48 Blind control system
49 Movement detectors
50 Room temperature control units
50 Central plates for communications technology
51 Communications inserts
53 Telecommunications
56 Data technology
59 TV/audio
61 Accessories

62 ATELIER/FRAMES

62 ATELIER frames
63 Surface-mounted housing for ATELIER
64 JUMBO, the big switch
64 Switches
64 Dimmers
65 SCHUKO socket-outlets
66 Socket-outlets

68 M1/FRAMES

68 M1 frames
68 M1 frames, with labelling option
69 Surface-mounted housing for M-SMART, M1, ARTEC, OCTOCOLOR
70 Switches
70 Dimmers
70 SCHUKO socket-outlets and accessories
71 Socket-outlets

All inserts that fit M1 and ATELIER frames can be found under "System Basis/Inserts".

Material: Highly scratch-resistant duroplastic range.

Technical Information: System Basis dimensions (⇒ p. 425)

Switch rockers

For completion with rocker switch inserts.



Rocker

For two-way switch, intermediate switch and push-button insert.

Version	Art. no.	PU	PG	Info
white	**310174**	10/400	1	
polar white	**310119**	10/400	1	



Rocker marked 0/1

For 2- and 3-pole rocker switch insert.

Version	Art. no.	PU	PG	Info
white	**310274**	5/225	1	
polar white	**310219**	5/225	1	



Rocker for two-circuit switch

For two-way, double two-way switch and double push-button insert.

Version	Art. no.	PU	PG	Info
white	**310574**	10/400	1	
polar white	**310519**	5/225	1	



Rocker

For two-way switch, intermediate switch and push-button insert.

Accessories: Special screw range, art. no. 399898.
Note: The special screw range, art. no. 399898, makes invisible screw fixing possible.

Version	Art. no.	PU	PG	Info
polar white	**310419**	10/240	1	



Rocker for two-circuit switch

For two-way, double two-way switch and double push-button insert.

Accessories: Special screw range, art. no. 399898.
Note: The special screw range, art. no. 399898, makes invisible screw fixing possible.

Version	Art. no.	PU	PG	Info
polar white	**310719**	10/240	1	



Rocker with labelling field

For permanent labelling.
For two-way switch, intermediate switch and push-button.

Contents: 4 pictograms (1 service, 1 light, 1 bell, 1 neutral) per rocker.

Version	Art. no.	PU	PG	Info
white	**310374**	5/120	1	
polar white	**310319**	5/120	1	



Rocker with oval opening for symbols

For control switch and push-button insert.

Accessories: Symbols, oval, art. no. 395530/68, 395630/68, 395730/68, 395830/68, 395930.
Contents: For PU 10: 4 light, 2 door, 2 bell (clear), 10 neutral (red transparent).

Version	Art. no.	PU	PG	Info
white	**310874**	10/400	1	
polar white	**310819**	10/240	1	



Rocker for heating emergency switch

With red inspection window and imprint "Heating emergency switch".

To be completed with: Rocker switch insert, art. no. 325200, 325600, 311300.

Version	Art. no.	PU	PG	Info
white	**310894**	5/225	1	
polar white	**310899**	5/225	1	

JUMBO, the big switch

The all-round functional switch, conspicuously large. Can replace any standard one-way or two-way switch.



JUMBO, the big switch

10 AX, AC 250 V

In ATELIER design.
In existing stand-alone devices such as on/off, two-way and intermediate switches from the Merten ranges, only frame and rocker must be exchanged for the JUMBO top unit.

Dimensions: 165 x 165 x 45 mm (HxWxD)

Contents: Complete device with two-way switch.

Version	Art. no.	PU	PG	Info
ruby red	**310696**	1/6	1.1	

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Push-down buttons

For completion with push-down switch inserts.



Push-down button

For push-down two-way and push-down intermediate switch insert, recognisable by the blue contact piece.

To be completed with: Push-down control switch insert, art. no. 330600, 330700.

Version	Art. no.	PU	PG	Info
white	**330174**	5/225	1	
polar white	**330119**	5/225	1	



Push-down button for two-circuit switch

For push-down two-circuit switch inserts, recognisable by the blue contact piece.

To be completed with: Push-down two-circuit switch insert, art. no. 330500.

Version	Art. no.	PU	PG	Info
white	**330574**	5/225	1	
polar white	**330519**	5/225	1	



Push-down button with red transparent opening for symbols

For push-down control switch insert, recognisable by the blue contact piece.

To be completed with: Push-down control switch insert, art. no. 332200, 332600.
Accessories: Symbols, oval, art. no. 395530/68, 395630/68, 395730/68, 395830/68, 395930.

Version	Art. no.	PU	PG	Info
white	**330874**	5/225	1	
polar white	**330819**	5/225	1	



Rocker in push-down design

For rocker button insert.

Version	Art. no.	PU	PG	Info
white	**311834**	5/225	1	
polar white	**311839**	5/225	1	



Rocker in push-down design with oval opening for symbols

For rocker button insert.

Accessories: Symbols, oval, art. no. 395530/68, 395630/68, 395730/68, 395830/68, 395930.
Contents: For PU 5: 2 light, 1 door, 1 bell (clear), 5 neutral (red transparent).

Version	Art. no.	PU	PG	Info
white	**311874**	5/225	1	
polar white	**311819**	5/225	1	

SCHUKO socket-outlets and accessories

- Most SCHUKO socket-outlets have plug-in terminals.
- All versions with screw terminals are described accordingly.
- Connecting terminals in accordance with VDE 0620 Part 1.
- The socket-outlets can be integrated into the OCTOCOLOR range with adapter, art. no. 517094 94/99. They can be integrated into System Design with adapter, art. no. 518044 44/19.



SCHUKO socket-outlet insert

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Version	Art. no.	PU	PG	Info
white	**234474**	10/100	1	
polar white	**234419**	10/100	1	



SCHUKO socket-outlet insert with screw terminals

16 A, AC 250 V, DIN 49440

With screw terminals.

Version	Art. no.	PU	PG	Info
white	**274474**	10/50	1	
polar white	**274419**	10/50	1	



SCHUKO socket-outlet insert

16 A, AC 250 V, DIN 49440

With plug-in terminals.
Without claws, for screw fixing.

Version	Art. no.	PU	PG	Info
white	**234484**	10/50	1	
polar white	**234449**	10/50	1	



SCHUKO socket-outlet insert with improved protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With plug-in terminals.

Version	Art. no.	PU	PG	Info
white	**234674**	10/40	1	
polar white	**234619**	10/40	1	

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SCHUKO socket-outlet insert with labelling field

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Contents: With 2 lettering strips per insert for labelling.

Version	Art. no.	PU	PG	Info
white	**234374**	10/40	1	
polar white	**234319**	10/40	1	



SCHUKO socket-outlet insert with labelling field and control lamp

16 A, AC 250 V, DIN 49440

With screw terminals.

Other colours on request.
Contents: With 2 lettering strips per insert for labelling.

Version	Art. no.	PU	PG	Info
white	**273724**	10/40	1	
orange	**273702**	10/40	1	
green	**273704**	10/40	1	



SCHUKO socket-outlet insert with hinged lid

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Version	Art. no.	PU	PG	Info
white	**234274**	10/40	1	
polar white	**234219**	10/40	1	



SCHUKO socket-outlet insert with hinged lid and improved protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With plug-in terminals.

Version	Art. no.	PU	PG	Info
polar white	**238519**	10/40	1	

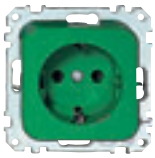


SCHUKO socket-outlet insert with fine-wire fuse

10 A, AC 250 V, DIN 49440

With T10H fine-wire fuse.
With screw terminals.

Version	Art. no.	PU	PG	Info
white	**273574**	1/50	1	
polar white	**273519**	1/50	1	



SCHUKO socket-outlet insert for special circuits

16 A, AC 250 V, DIN 49440

For SV (safety power supply) and
ZSV (additional safety power supply).
With plug-in terminals.

Accessories: Labels for safety power supply, art. no. 539654/56.

Version	Art. no.	PU	PG	Info
ruby red	**234406**	10/50	1.1	
SV, green	**234404**	10/50	1	
additional safety power supply, orange	**234402**	10/50	1	



Labels for safety power supply

Self-adhesive labels.
SV label (safety power supply) and
ZSV label (additional safety power supply).

Contents: 1 item = 10 labels.

Version	Art. no.	PU	PG	Info
SV, green	**539656**	1/1000	1	
additional safety power supply, orange	**539654**	1/1000	1	



Surge protection module for socket-outlet combinations

For all combination SCHUKO flush-mounted socket-outlets.
Suitable for standard size 60 installation box.
It is advisable to clearly mark the cover of the relevant socket-outlet.

Mounting depth: 32 mm
Type of protection: Fine protection
Failure indication: Acoustic signal
Special features: Test function

Version	Art. no.	PU	PG	Info
	533498	1/50	8	

Socket-outlets and accessories

Socket-outlet inserts for international markets.
- All socket-outlet inserts can be integrated into the OCTOCOLOR range with adapter, art. no. 517094 94/99. They can be integrated into System Design with adapter, art. no. 518044 44/19.



Socket-outlet insert with earthing pin and increased protection against accidental contact

16 A, AC 250 V, CEE 7 Standard Sheet V

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With screw terminals.
With claw and screw fixing.

Version	Art. no.	PU	PG	Info
white	**284674**	10/40	1	
polar white	**284619**	10/40	1	

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Socket-outlet insert without earthing contact

16 A, AC 250 V, CEE 7 Standard Sheet I

With screw terminals.
With claw and screw fixing.

Version	Art. no.	PU	PG	Info
white	**214084**	10/40	1	
polar white	**214049**	10/40	1	



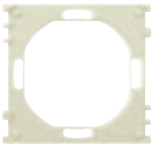
British Standard socket-outlet insert, can be switched off

13 A, AC 250 V, 2-pole + E

Improved protection against accidental contact in accordance with BS 1363.
With switch and control lamp.
Suitable for a size 60 mounting box.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
white	**202574**	2/60	1	
polar white	**202519**	2/60	1	



Adapter plate for British Standard mounting box

For installation of the socket-outlet inserts in British Standard mounting boxes.

To be completed with: British Standard socket-outlet insert, art. no. 201219, 201919, 203219.British Standard socket-outlet insert, can be switched off, art. no. 2023.., 2025.., 2024.., 202053.Chinese socket-outlet insert, 2-pole, art. no. 201019, 201719, 203019.Chinese socket-outlet insert, 3-pole, art. no. 201119, 201819, 203119.Chinese socket-outlet insert with hinged lid, 3-pole, art. no. 241119.Chinese socket-outlet insert, 3-pole, art. no. 203819, 204619, 205119.Chinese double socket-outlet insert, 2-/3-pole, art. no. 203719, 204519, 205019.

Version	Art. no.	PU	PG	Info
white	**307001**	60/300	1	



USA socket-outlet insert, 15 A

15 A, 125 V, 2-pole + E

Availability: Delivery period on request.

Version	Art. no.	PU	PG	Info
white	**200474**	10/40	1	



USA socket-outlet insert, 20 A

20 A, 125 V, 2-pole + E

Availability: Delivery period on request.

Version	Art. no.	PU	PG	Info
white	**200674**	10/40	1	



USA double socket-outlet insert, 15 A

15 A, 125 V, 2-pole + E

For integration in the following double mounting boxes from Kaiser: American standard flush-mounted double switch box (Kaiser art. no.: 1078-02), American standard double switch box for cavity walls (Kaiser art. no.: 9062-02) or double switch box for use in concrete (Kaiser art. no.: 1200-00).

Contents: Complete device.
Availability: Delivery period on request.

Version	Art. no.	PU	PG	Info
white	**201474**	6/48	1	



USA double socket-outlet insert, 20 A

20 A, 125 V, 2-pole + E

For integration in the following double mounting boxes from Kaiser: American standard flush-mounted double switch box (Kaiser art. no.: 1078-02), American standard double switch box for cavity walls (Kaiser art. no.: 9062-02) or double switch box for use in concrete (Kaiser art. no.: 1200-00).

Contents: Complete device.
Availability: Delivery period on request.

Version	Art. no.	PU	PG	Info
white	**201674**	6/48	1	



HNA socket-outlet insert

10 A, 250 V, B 220 DIN 89321

For System Basis.
For socket-outlets where it is essential that they are not interchanged.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180.., and into the OCTOCOLOR range using the adapter, 5170... Can be installed in damp rooms or outdoors using the protective cover with gasket, art. no. 5172...

Version	Art. no.	PU	PG	Info
white	**204074**	10/40	7	
polar white	**204019**	10/40	7	



Potential equalisation socket-outlet insert

With two 1-pole, built-in plugs to DIN 42801.
Connecting terminal up to 6 mm².
Without claws, for screw fixing.

Accessories: Potential equalisation angled connector, art. no. 297190.

Version	Art. no.	PU	PG	Info
white	**297074**	10/40	1	
polar white	**297019**	10/40	1	



Potential equalisation angled connector

DIN 42801 part 2

Suitable for use as a potential equalisation socket-outlet insert.
Solder connection up to 6 mm².

To be completed with: Potential equalisation socket-outlet insert, art. no. System M 2904.., 2982.., 2906.., System Basis 2970.., System Design 2973.., OCTOCOLOR 2972...

Version	Art. no.	PU	PG	Info
	297190	10/500	1	

Switches, time switches and central plates



Central plate for time switch insert, 15 min

To be completed with: Time switch insert, 15 min, art. no. 538000.

Version	Art. no.	PU	PG	Info
white	**538034**	1/100	8	
polar white	**538039**	1/100	8	



Central plate for time switch insert, 120 min

To be completed with: Time switch insert, 120 min, art. no. 538200.

Version	Art. no.	PU	PG	Info
white	**538234**	1/100	8	
polar white	**538239**	1/100	8	



Time switch

For programmed and time-dependent switching of lamps.

Functions:

- 2 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Timer (autom. disconnection after set time)
- Manual operation possible at any time

Nominal voltage: AC 230 V / 50 Hz
Neutral conductor: required
Switching capacity: 1000 W incandescent lamps
750 W LV halogen with electr. transformers
750 VA conv. transformer
500 VA fluorescent lamps uncomp.
400 VA fluorescent lamps with parallel comp.
1000 VA fluorescent lamps, twin-lamp circuit
Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

Contents: Complete device. Without frame.

Version	Art. no.	PU	PG	Info
white	**580074**	1/10	8	
polar white	**580019**	1/10	8	



Time switch with sensor connection

For programmed and time-dependent switching of lamps. Connection of a sun/twilight sensor is possible.
The sensor cable is connected with the time switch via the plug. Set brightness value of sun sensor approx. 20,000 lux.

Functions:

- 2 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Timer (autom. disconnection after set time)
- Manual operation possible at any time

Nominal voltage: AC 230 V / 50 Hz
Neutral conductor: required
Switching capacity: 1000 W incandescent lamps
750 W LV halogen with electr. transformers
750 VA conv. transformer
500 VA fluorescent lamps uncomp.
400 VA fluorescent lamps with parallel comp.
1000 VA fluorescent lamps, twin-lamp circuit
Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

Accessories: Sun/twilight sensor, art. no. 580691.
Contents: Complete device. Without frame.

Version	Art. no.	PU	PG	Info
white	**581074**	1/10	8	
polar white	**581019**	1/10	8	

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Central plate for two-way maintained-contact switch insert

For standardised semi-cylindrical locks 40 mm long.

To be completed with: Two-way maintained-contact switch insert, art. no. 318601.
Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	**318624**	1/60	8	
polar white	**318618**	1/60	8	



Central plate for speed controller

To be completed with: Speed controller insert, art. no. 583699.

Version	Art. no.	PU	PG	Info
polar white	**583619**	5/120	8	
white	**583674**	5/120	8	



Central plate for three-step rotary switch

To be completed with: Three-step rotary switch insert, art. no. 317400.

Version	Art. no.	PU	PG	Info
white	**317424**	1/100	8	
polar white	**317418**	1/100	8	



Central plate for fan switch

To be completed with: Fan switch insert, art. no. 317100.

Version	Art. no.	PU	PG	Info
white	**317191**	1/100	1	
polar white	**317192**	1/100	1	



Hotel keycard holder

Illuminated.

To be completed with: Rocker button insert for hotel keycard holder, art. no. 315800. Rocker switch insert, art. no. 315000, 315900, 315901.
Adapters: Can be integrated into System Design using the adapter, art. no. 5180...
Accessories: Neon lamp attachment with integrated lamp, art. no. 396502. Plug-in light attachment E 10, art. no. 396576. Neon lamp E 10, art. no. 395100. LED lamp E 10, art. no. 3951...

Version	Art. no.	PU	PG	Info
white	**315174**	1/100	1	
polar white	**315119**	1/100	1	

Covers for dimmers



Central plate for rotary dimmer inserts up to 600 VA

For System Basis.

To be completed with: Dimmer insert, art. no. 572499, 572299, 572599, 577199, 572999, 573299.

Version	Art. no.	PU	PG	Info
white	**572374**	5/120	8	
polar white	**572319**	5/120	8	



Sensor cover

For System Basis.
Manual operation.

To be completed with: Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension insert, art. no. 573999.
Technical Information: Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
white	**574174**	1/100	8	
polar white	**574198**	1/100	8	



TELE sensor cover

For System Basis.
Can be manually operated and controlled remotely via IR remote control.

To be completed with: Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension TELE insert, art. no. 573998.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
white	**574874**	1/100	8	
polar white	**574819**	1/100	8	

Roller shutter switches



Rocker for roller shutter switch and push-button

For roller shutter rocker switch and rocker button insert.

Version	Art. no.	PU	PG	Info
white	**315574**	5/225	1	
polar white	**315519**	5/225	1	

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Central plate for momentary/ maintained-contact switch insert for roller shutters

To be completed with: Momentary/maintained-contact switch insert for roller shutters, art. no. 317200.

Version	Art. no.	PU	PG	Info
white	**317234**	1/100	1	
polar white	**317239**	1/100	1	



Central plate for momentary/ maintained-contact switch inserts for roller shutters

For standardised semi-cylindrical locks 40 mm long.

To be completed with: Momentary/maintained-contact switch insert for roller shutters, art. no. 318501, roller shutter momentary-contact switch insert, art. no. 318901.
Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	**318524**	1/60	8	
polar white	**318518**	1/60	8	

Blind control system

You can find a complete overview of all products and functions in the chapter "Blind control system".

Technical Information: Blind control system (⇒ p. 463)



Blind push-button

Operator button for blind/roller shutter motors. With electronic locking of blind control.

To be completed with: Blind control insert, art. no. 580698, 580699.
Technical Information: Blind push-button (⇒ p. 465)

Version	Art. no.	PU	PG	Info
white	**580274**	1/100	8	
polar white	**580219**	1/100	8	



Blind push-button with sensor connection

Operator button for blind/roller shutter motors. With electronic locking of blind control. Possible to connect sun sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind push-button with sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
white	**580574**	1/100	8	
polar white	**580519**	1/100	8	



Blind push-button with memory function and sensor connection

Operator button for blind/roller shutter motors. With electronic locking of blind control. Possible to connect sun sensor. The device uses a a memory function for the purpose of presence simulation to save a time for opening and a time for closing the blinds. Which are then repeated every 24 hours.

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind push-button with memory function and sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
white	**580374**	1/100	8	
polar white	**580319**	1/100	8	



Blind push-button with IR receiver and sensor connection

Operator button for blind/roller shutter motors. Can be manually operated and controlled remotely via IR remote control. With electronic locking of blind control. Possible to connect sun sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: Blind push-button with IR receiver and sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
white	**580474**	1/100	8	
polar white	**580419**	1/100	8	



Standard blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

To be completed with: Blind control insert, art. no. 580698, 580699.
Technical Information: Standard blind time switch (⇒ p. 466)
Note: In combination with the blind control insert and extension input, art. no. 580699, the extension input does not work.

Version	Art. no.	PU	PG	Info
white	**580974**	1/10	8	
polar white	**580919**	1/10	8	



Blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

To be completed with: Blind control insert, art. no. 580698, 580699.
Technical Information: Blind time switch (⇒ p. 466)

Version	Art. no.	PU	PG	Info
white	**580174**	1/10	8	
polar white	**580119**	1/10	8	

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Blind time switch with sensor connection

For programmed and time-dependent switching of blind/roller shutter motors.
Possible to connect sun/twilight sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind time switch with sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
white	**581174**	1/10	8	
polar white	**581119**	1/10	8	

Movement detectors

Technical Information: ARGUS 180, flush-mounted (⇒ p. 505)



ARGUS 180 flush-mounted sensor module

For System Basis.
Indoor movement detector.

Area of detection: 180°
Number of levels: 1
Number of zones: 14
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

To be completed with: Electronic switch insert, art. no. 576799. Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Supersedes art. no. 5799 ..

Version	Art. no.	PU	PG	Info
white	**578274**	1/60	8	
polar white	**578219**	1/60	8	



ARGUS 180 flush-mounted sensor module with switch

For System Basis.
Indoor movement detector.
With integrated switch for off/automatic/on.

Area of detection: 180°
Number of levels: 1
Number of zones: 14
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

To be completed with: Electronic switch insert, art. no. 576799. Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Supersedes art. no. 5798 ..

Version	Art. no.	PU	PG	Info
white	**578374**	1/60	8	
polar white	**578319**	1/60	8	



Electronic switch insert

AC 230 V

For ohmic load such as incandescent lamps, 230 V halogen lamps.

Switching capacity: 40-300 W
Neutral conductor:not required (2 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: A maximum of two electronic switch inserts may be wired in parallel. The sensor cover with radio receiver for switch inserts, art. no. 5932.., 5933.. can be used from version 1A with the electronic switch insert, art. no. 576799. The insert from version 2A only, can be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
40-300 W	**576799**	1/50	8	



Relay switch insert

AC 230 V

For ohmic and complex loads such as incandescent lamps, fluorescent lamps, energy-saving lamps, LV halogen lighting etc.

Switching capacity: 0-1000 VA
Capacitive load: max. 140 µF
Neutral conductor: required (3 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Replace the relay switch insert, art. no. 576899.

Version	Art. no.	PU	PG	Info
0-1000 VA	**576897**	1/50	8	

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Room temperature control units

Technical Information: Heating control (⇒ p. 489)



Central plate for room temperature control insert with switch

Range limiting integrated into setting knob.
Particularly flat design.

To be completed with: Room temperature control insert with switch, art. no. 536302, 536304.

Version	Art. no.	PU	PG	Info
white	**538574**	1/150	8	
polar white	**538519**	1/150	8	



Room temperature control insert with switch

With thermal recirculation.
Fourth terminal for night economy.

To be completed with: Central plate for room temperature control unit with switch, art. no. System M 5348.., 5361.., System Basis 5385.., System Design 5397.., OCTOCOLOR 5391...
Contents: Room temperature control insert, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 10(4) A	**536302**	1/50	8	
AC 24 V, 1(1) A	**536304**	1/50	8	



Central plate for room temperature control insert with changeover contact

Range limiting integrated into setting knob.
Particularly flat design.

To be completed with: Room temperature control unit insert with changeover contact, art. no. 536400, 536401.

Version	Art. no.	PU	PG	Info
white	**536524**	1/150	8	
polar white	**536518**	1/150	8	



Room temperature control insert with changeover contact

For electric underfloor heating if the additional heater has to be interlocked, air conditioning (cooling), valve drives (de-energised open or closed).
With thermal recirculation.

To be completed with: Central plate for room temperature control unit with changeover contact, art. no. System M 5347.., 5362.., System Basis 5365.., System Design 5374.., OCTOCOLOR 5364...
Contents: Room temperature control insert, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 5(2) A	**536400**	1/50	8	
AC 24 V, 1(1) A	**536401**	1/50	8	



Central plate for floor thermostat insert with switch

Range limiting integrated into setting knob.
Particularly flat design.

To be completed with: Floor thermostat with switch, art. no. 537100.

Version	Art. no.	PU	PG	Info
white	**537174**	1/150	8	
polar white	**537119**	1/150	8	



Floor thermostat insert with switch

With remote sensor on 4 m incoming lead, extendable with twin-core cable.

To be completed with: Central plate for floor thermostat insert with switch, art. no. System M 5349.., 5358.., System Basis 5371.., System Design 5375.., OCTOCOLOR 5372...
Contents: Room temperature control insert, remote sensor, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 10(4) A	**537100**	1/12	8	

Central plates for communications technology



Carrying frame with central plate for inserts in line with DIN 41524

Can also be used for command and signalling devices with one-hole fixing Ø 16 mm (e.g. Lumitas).
Second opening can be broken out.

Version	Art. no.	PU	PG	Info
white	**294994**	10/40	1	



Central plate for light signal insert

To be completed with: Light signal E 10 insert, art. no. 319016.
Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	**397774**	10/240	1	
polar white	**397719**	10/240	1	



Central plate for cable outlet

With carrying frame and strain relief.
With claw and screw fixing.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	**298194**	1/50	1	
polar white	**298199**	1/50	1	

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Central plate for command devices

One-hole fixing Ø 22.5 mm.
For Klöckner-Moeller, Lumitas, Square D etc. for example.
Without claws, for screw fixing.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	**392274**	5/120	1	
polar white	**392298**	5/120	1	



Central plate for emergency stop switch

One-hole fixing Ø 22.5 mm.
For Klöckner-Moeller, Lumitas, Square D etc. for example.
Without claws, for screw fixing.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
yellow	**392203**	5/120	1.1	



Blanking cover

Cover for relay, multiple control relay for roller shutters, buzzer, power booster, KNX binary input, flush-mounted/4x10 etc.
Can be used universally with mechanical machining (drilling, milling etc.)
Without claws, for screw fixing.

Version	Art. no.	PU	PG	Info
white	**392074**	5/120	1	
polar white	**392019**	5/120	1	



Intermediate ring for combination inserts in line with DIN 49075

All standardised combination inserts in line with DIN 49075 can be integrated with this article.
For example, TAE, modular jack, data and communications systems from PANDUIT (PAN-NET), Ackermann WAE, WAEG, BTR etc.

Version	Art. no.	PU	PG	Info
white	**517174**	5/300	1	
polar white	**517119**	5/300	1	



Intermediate ring with hinged lid for combination inserts in line with DIN 49075

All standardised combination inserts in line with DIN 49075 can be integrated with this article.
For example, TAE, modular jack, data and communications systems from PANDUIT (PAN-NET), Ackermann WAE, WAG, BTR etc.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180.., and into the OCTOCOLOR range using the adapter, 5170...

Version	Art. no.	PU	PG	Info
white	**517474**	5/75	1	
polar white	**517498**	5/75	1	

Communications inserts

Technical Information: Communications inserts (⇒ p. 484)



Inclined outlet

For data connection and communications technology.
Order the associated inserts separately.
With labelling field.

To be completed with: Communications inserts, art. no. 461381-99.
Technical Information: Inserts for inclined outlets (⇒ p. 486)
Contents: Without inserts.

Version	Art. no.	PU	PG	Info
white	**461324**	1/50	1	
polar white	**461318**	1/50	1	



Blanking insert

Can be used universally with mechanical machining (drilling, milling etc.)

To be completed with: Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	**461388**	10/300	1	



Insert for D-type plug connectors, 9-pole

For two D-type plugs, 9-pole.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System Basis 461324/18.
Accessories: D-type socket connector, 9-pole, art. no. 465009.

Version	Art. no.	PU	PG	Info
black	**461391**	10/300	1	



Insert for D-type plug connectors, 15-pole

For two D-type plugs, 15-pole.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System Basis 461324/18.
Accessories: D-type socket connector, 15-pole, art. no. 465015.

Version	Art. no.	PU	PG	Info
black	**461392**	10/300	1	



Insert for D-type plug connectors, 25-pole

For two D-type plugs, 25-pole.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System Basis 461324/18.
Accessories: D-type socket connector, 25-pole, art. no. 465025.

Version	Art. no.	PU	PG	Info
black	**461393**	10/300	1	



Insert for BNC/TNC sockets

For two BNC/TNC connectors Ø 12.5 mm or for BNC/TNC connectors Ø 9.5 mm.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System Basis 461324/18.
Accessories: BNC socket Ø 12.5 mm, art. no. 465010.
Contents: With adjustment rings.

Version	Art. no.	PU	PG	Info
black	**461395**	10/300	1	



Insert for Twinax sockets

For two Twinax sockets Ø 19 mm.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	**461397**	10/300	1	



Insert for modular jack connector Cat 5

For modular jack Cat 5, RJ 45 connector or AMP connector.

To be completed with: Inclined outlet, art. no. System Basis 461324/18.
Accessories: Modular jack connector Cat 5, art. no. 465595.

Version	Art. no.	PU	PG	Info
black	**461399**	10/300	1	



Insert for modular jack connector

For two modular jack connectors Cat 3
For AMP or Thomas & Betts connectors.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System Basis 461324/18.
Accessories: Modular jack connector Cat 3, art. no. 465516/18.

Version	Art. no.	PU	PG	Info
black	**461398**	10/300	1	



Insert for XLR audio plug-in socket

For XLR round connector audio plug-in socket from Binder, Cannon, Neutrik or similar.

To be completed with: Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	**461390**	10/300	1	



Insert for XLR audio plug

For XLR round connector audio plugs from Binder, Cannon, Neutrik or similar.

To be completed with: Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	**461389**	10/300	1	



Insert for IBM plug

For 4-pole IBM plug.

To be completed with: Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	**461396**	10/300	1	



Insert with high-end loudspeaker connector

For loudspeaker connections up to max. 10 mm².

To be completed with: Inclined outlet, art. no. System Basis 461324/18.
Contents: With two loudspeaker connectors, gold-plated contacts.

Version	Art. no.	PU	PG	Info
black	**461387**	5/150	1	



Insert for Thomas & Betts data communication connectors

For data connectors from Thomas & Betts and IBM inserts IBM ACS type G.

To be completed with: Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	**461394**	10/300	1	



Insert for optical fibre ST connectors

For two optical fibre ST connectors.

To be completed with: Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	**461386**	10/300	1	



Insert for IBM system ACS type Mini C

For two IBM Advanced Connectivity System (ACS) type Mini C modules.

To be completed with: Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	**461385**	10/300	1	



Insert for Duplex SC

For two Duplex SC connectors.

To be completed with: Inclined outlet, art. no. System Basis 461324/18.

Version	Art. no.	PU	PG	Info
black	**461381**	10/300	1	

Telecommunications



Central plate for telephone socket-outlet ADo

For 4- and 8-pole telephone socket-outlets (art. no. 465104 and 465108).

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	**293074**	5/150	1	
polar white	**293098**	5/150	1	

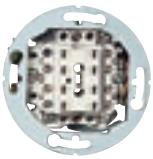


Telephone socket-outlet ADo 4

For connecting analogue terminal units.

To be completed with: Central plate for telephone socket-outlet ADo, art. no. System Basis 2930.., OCTOCOLOR 2937...
Accessories: Telephone socket-outlet ADo S 4, art. no. 465404.

Version	Art. no.	PU	PG	Info
4-pole, white	**465104**	10/40	1	



Telephone socket-outlet ADo 8

Codeable

For connecting analogue terminal units.

To be completed with: Central plate for telephone socket-outlet ADo, art. no. System Basis 2930.., OCTOCOLOR 2937...
Accessories: Telephone socket-outlet ADo S 8, art. no. 465408.
Contents: A setting knob for coding is included in every pack of 10.

Version	Art. no.	PU	PG	Info
8-pole, white	**465108**	10/40	1	



Telephone plug ADo S 4

For telephone socket-outlet ADo.

To be completed with: Telephone socket-outlet ADo 4, art. no. 465104.

Version	Art. no.	PU	PG	Info
4-pole, white	**465404**	5/250	1	



Telephone plug ADo S 8

For telephone socket-outlet ADo.

To be completed with: Telephone socket-outlet ADo 8, art. no. 465108.

Version	Art. no.	PU	PG	Info
8-pole, white	**465408**	5/250	1	

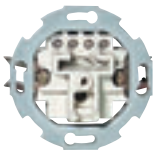


Central plate with cable outlet for telephone connector VDo 4

For telephone connector VDo 4 or general cable outlet for cable diameters of max. 10 mm.
With strain relief.
Without claws, for screw fixing.

To be completed with: Telephone connector VDo 4, art. no. 465304.
Adapters: Can be integrated into System Design using the adapter, art. no. 5180...
Contents: With fixing screws for telephone connector VDo 4.

Version	Art. no.	PU	PG	Info
white	**392574**	5/90	1	
polar white	**392519**	5/90	1	



Telephone connector VDo 4

For central plate with cable outlet for telephone connector VDo 4.

To be completed with: Central plate with cable outlet for telephone connector VDo, art. no. System M 2968.., 2955.., System Basis 3925.., OCTOCOLOR 3927...

Version	Art. no.	PU	PG	Info
4-pole, white	**465304**	10/40	1	

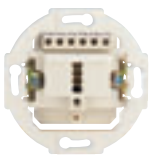


Central plate for telephone socket-outlet TAE

For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.

Version	Art. no.	PU	PG	Info
white	**292874**	5/150	1	
polar white	**292819**	5/150	1	



Telephone socket-outlet TAE, 1-gang

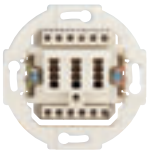
For the German market.

For connecting an analogue telephone.
With screw terminals.
1×6 F: 1 telephone

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
1x6 F, white	**465206**	10/50	1	

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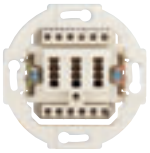
Telephone socket-outlet TAE, 3-gang

For the German market.

For connecting analogue telephones/ancillary units.
With screw terminals.
2×6/6 NF/F: 2 telephones, 1 ancillary unit
3×6 NFN: 1 telephone, 2 ancillary unit

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
2×6/6 NF/F, white	**465226**	10/50	1	
3x6 NFN, white	**465236**	10/50	1	



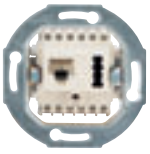
Telephone socket-outlet TDO 3x10

For the Austrian market.

For connecting analogue terminal units.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...Intermediate ring for combination inserts in line with DIN 49075, art. no. System M 5185.., 5181.., System Basis 5171.., System Design 5160.., OCTOCOLOR 5168...Intermediate ring with hinged lid for combination inserts in line with DIN 49075, art. no. System M 5186.., 5182.., System Basis 5174...
Can only be ordered via Merten in Vienna.

Version	Art. no.	PU	PG	Info
white	**465930**	1/1	1	

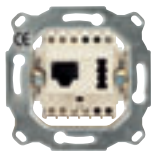


Combination socket-outlet RJ45/TAE (Cat 3)

For connecting a telephone and an analogue or digital terminal unit via the 8-pole RJ45 connector.
With screw terminals.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Combination socket-outlet RJ45/TAE (Cat 3) (⇒ p. 483)

Version	Art. no.	PU	PG	Info
8(6)-6F+N, white	**465707**	1/60	1	



Line 21 Combination socket-outlet RJ45/TAE

With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (TAE) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for the connection of additional telephone socket-outlets.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Line 21 Combination socket-outlet RJ45/TAE (⇒ p. 481)

Version	Art. no.	PU	PG	Info
8(6)-6F+N	**465709**	1/60	1	



Central plate for PTT connection boxes

Suitable for Dutch telephone sockets.

Version	Art. no.	PU	PG	Info
white	**293284**	5/150	1	
polar white	**293249**	5/150	1	



Central plate for BELGACOM connection units

Suitable for Belgian telephone socket boxes.

Version	Art. no.	PU	PG	Info
white	**292474**	5/150	1	
polar white	**292419**	5/150	1	



Telephone socket insert, 8-pole

For French telephone plugs.
With screw fixing.

Version	Art. no.	PU	PG	Info
white	**293174**	10/40	1	
polar white	**293198**	10/40	1	



Telephone socket insert, 4-pole

For Swedish telephone plugs.
With screw fixing.

Version	Art. no.	PU	PG	Info
polar white	**293419**	1/60	1	
black grey	**293469**	1/60	1.1	

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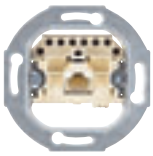


Central plate for RJ45 insert, 1-gang

For System Basis.
For RJ45 inserts 8 (Cat 5e), RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with:RJ45 insert 8, art. no. 465720.RJ45 insert 8 Cat 5e, art. no. 465721.

Version	Art. no.	PU	PG	Info
white	**291774**	10/120	1	
polar white	**291719**	10/120	1	

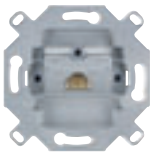


RJ45 insert 8

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962.., 2983.., System Basis 2917.., System Design 2918...

Version	Art. no.	PU	PG	Info
	465720	10/50	1	



RJ45 insert 8 Cat 5e

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962.., 2983.., System Basis 2917.., System Design 2918...

Version	Art. no.	PU	PG	Info
	465721	1/50	1	

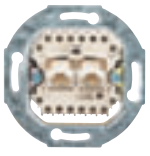


Central plate for RJ45 insert, 2-gang

For System Basis.
For RJ45 inserts 8/8, 2x8, Line 21 RJ45 insert 8/8, RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with:RJ45 insert 8/8, art. no. 465701.RJ45 insert 2x8, art. no. 465702.RJ45 insert 8/8 Cat 5e, art. no. 465703.RJ45 insert 8/8 Cat 6, art. no. 465706.

Version	Art. no.	PU	PG	Info
white	**292774**	10/120	1	
polar white	**292719**	10/120	1	



RJ45 insert 8/8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 8/8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465701**	10/40	1	



Line 21 RJ45 insert 8/8

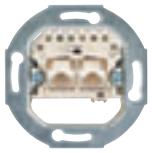
With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (RJ45, 8-pole) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for analogue telephony.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: Line 21 RJ45 insert 8/8 (⇒ p. 481)

Version	Art. no.	PU	PG	Info
	465708	1/60	1	



RJ45 insert 2x8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors connected in parallel with bus-type cabling.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 2x8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465702**	10/40	1	



RJ45 insert 8/8 Cat 5e

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465703**	1/50	1	



RJ45 insert 8/8 Cat 6

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465706**	1/50	1	



Central plate for RJ 11/RJ 45 insert, 1-gang

For System Basis.
For Lexcom modules.

Version	Art. no.	PU	PG	Info
polar white	**292219**	5/150	1	



Central plate for RJ 11/RJ 45 insert, 2-gang

For System Basis.
For Lexcom modules.

Version	Art. no.	PU	PG	Info
polar white	**291919**	5/150	1	

Data technology



Blanking cover for special communication/EDP version

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	**460074**	10/180	1	
polar white	**460019**	10/180	1	



Central plate for D-type plug connectors, 9-pole

For D-type plug, 9-pole.
Without claws, for screw fixing.

Accessories: D-type socket connector, 9-pole, art. no. 465009.

Version	Art. no.	PU	PG	Info
white	**460174**	5/150	1	
polar white	**460119**	5/150	1	



D-type socket connector, 9-pole

Solder connection max. 0.6 mm².

To be completed with: Central plate for D-type subminiature connector, 9-pole, art. no. System M 4676.., 4681.., System Basis 4601...Insert for D-type subminiature connector, 9-pole, art. no. System M 464391, System Basis 461391, System Design 464391, OCTOCOLOR 463391.

Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
9-pole	**465009**	5/500	1	



Central plate for D-type plug connectors, 15-pole

For D-type plug, 15-pole.
Without claws, for screw fixing.

Accessories: D-type socket connector, 15-pole, art. no. 465015.

Version	Art. no.	PU	PG	Info
white	**460274**	5/150	1	
polar white	**460219**	5/150	1	



D-type socket connector, 15-pole

Solder connection max. 0.6 mm².

To be completed with: Central plate for D-type subminiature connector, 15-pole, art. no. System M 4677.., ,4682.., System Basis 4602...Insert for D-type subminiature connector, 15-pole, art. no. System M 464392, System Basis 461392, System Design 464392, OCTOCOLOR 463392.

Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
15-pole	**465015**	5/500	1	



Central plate for D-type plug connectors, 25-pole

For D-type plug, 25-pole.
Without claws, for screw fixing.

Accessories: D-type socket connector, 25-pole, art. no. 465025.

Version	Art. no.	PU	PG	Info
white	**460374**	5/150	1	
polar white	**460319**	5/150	1	



Central plate for two D-type plug connectors, 25-pole

For D-type plug, 25-pole.
Without claws, for screw fixing.

Accessories: D-type socket connector, 25-pole, art. no. 465025.

Version	Art. no.	PU	PG	Info
white	**460474**	5/150	1	
polar white	**460419**	5/150	1	



D-type socket connector, 25-pole

Solder connection max. 0.6 mm².

To be completed with: Central plate for D-type subminiature connector, 25-pole, art. no. System M 4678.., 4683.., System Basis 4603...Insert for D-type subminiature connector, 25-pole, art. no. System M 464393, System Basis 461393, System Design 464393, OCTOCOLOR 463393.

Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
25-pole	**465025**	5/500	1	



Central plate for BNC/TNC socket

For BNC socket Ø 12.5 mm

Accessories: BNC socket Ø 12.5 mm, art. no. 465010.
Contents: With 4 adjustment rings for connectors Ø 9.5 mm.

Version	Art. no.	PU	PG	Info
white	**460574**	10/40	1	
polar white	**460519**	10/40	1	



BNC connector Ø 12.5 mm

Crimp connection up to Ø 6 mm.

To be completed with: Central plate for BNC/TNC socket, art. no. System M 4691.., 4685.., 4686.., System Basis 4605...Insert for BNC/TNC sockets, art. no. System M 464395, System Basis 461395, System Design 464395, OCTOCOLOR 463395.

Version	Art. no.	PU	PG	Info
	465010	5/500	1	



Central plate for Twinax socket

For Twinax socket Ø 19 mm.
Without claws, for screw fixing.

Version	Art. no.	PU	PG	Info
white	**460774**	5/150	1	
polar white	**460719**	5/150	1	

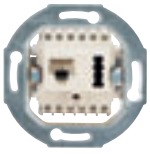


Central plate for telephone socket-outlet TAE

For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.

Version	Art. no.	PU	PG	Info
white	**292874**	5/150	1	
polar white	**292819**	5/150	1	

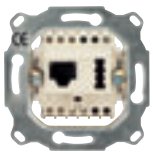


Combination socket-outlet RJ45/ TAE (Cat 3)

For connecting a telephone and an analogue or digital terminal unit via the 8-pole RJ45 connector. With screw terminals.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Combination socket-outlet RJ45/TAE (Cat 3) (⇒ p. 483)

Version	Art. no.	PU	PG	Info
8(6)-6F+N, white	**465707**	1/60	1	



Line 21 Combination socket-outlet RJ45/TAE

With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (TAE) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for the connection of additional telephone socket-outlets.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Line 21 Combination socket-outlet RJ45/TAE (⇒ p. 481)

Version	Art. no.	PU	PG	Info
8(6)-6F+N	**465709**	1/60	1	

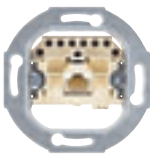


Central plate for RJ45 insert, 1-gang

For System Basis.
For RJ45 inserts 8 (Cat 5e), RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with:RJ45 insert 8, art. no. 465720.RJ45 insert 8 Cat 5e, art. no. 465721.

Version	Art. no.	PU	PG	Info
white	**291774**	10/120	1	
polar white	**291719**	10/120	1	

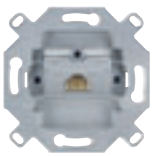


RJ45 insert 8

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962.., 2983.., System Basis 2917.., System Design 2918...

Version	Art. no.	PU	PG	Info
	465720	10/50	1	



RJ45 insert 8 Cat 5e

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962.., 2983.., System Basis 2917.., System Design 2918...

Version	Art. no.	PU	PG	Info
	465721	1/50	1	

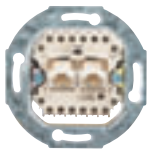


Central plate for RJ45 insert, 2-gang

For System Basis.
For RJ45 inserts 8/8, 2x8, Line 21 RJ45 insert 8/8, RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with: RJ45 insert 8/8, art. no. 465701.RJ45 insert 2x8, art. no. 465702.RJ45 insert 8/8 Cat 5e, art. no. 465703.RJ45 insert 8/8 Cat 6, art. no. 465706.

Version	Art. no.	PU	PG	Info
white	**292774**	10/120	1	
polar white	**292719**	10/120	1	



RJ45 insert 8/8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 8/8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465701**	10/40	1	



Line 21 RJ45 insert 8/8

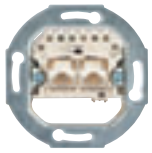
With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (RJ45, 8-pole) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for analogue telephony.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: Line 21 RJ45 insert 8/8 (⇒ p. 481)

Version	Art. no.	PU	PG	Info
	465708	1/60	1	



RJ45 insert 2x8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors connected in parallel with bus-type cabling.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 2x8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465702**	10/40	1	



RJ45 insert 8/8 Cat 5e

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465703**	1/50	1	



RJ45 insert 8/8 Cat 6

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465706**	1/50	1	



Central plate for RJ 11/RJ 45 insert, 1-gang

For System Basis.
For Lexcom modules.

Version	Art. no.	PU	PG	Info
polar white	**292219**	5/150	1	



Central plate for RJ 11/RJ 45 insert, 2-gang

For System Basis.
For Lexcom modules.

Version	Art. no.	PU	PG	Info
polar white	**291919**	5/150	1	



Central plate for modular jack connector

For two modular jack connectors Cat 3.
For AMP or Thomas & Betts connectors.
Without claws, for screw fixing.

To be completed with: Modular jack connector Cat 3, art. no. 465516/18.
Technical Information: Data technology via central plate, art. no. 2929.., 2957.. (⇒ p. 488)
Contents: With sealing plug for one opening.

Version	Art. no.	PU	PG	Info
white	**292974**	5/150	1	
polar white	**292919**	5/150	1	

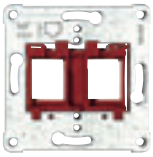


Central plate for modular jack connector with shut-off slide

Suitable for the supporting plates for modular jack connectors. With two openings and shut-off slide. With labelling field.

To be completed with: Supporting plate for modular jack connector, art. no. 4615...
Adapters: Can be integrated into System Design using the adapter, art. no. 5180.., and into the OCTOCOLOR range using the adapter, 5170...
Technical Information: Data technology via central plate, art. no. 4615.., 4617.. (⇒ p. 487)

Version	Art. no.	PU	PG	Info
white	**461524**	5/200	1	
polar white	**461518**	5/200	1	



Supporting plates for modular jack connector

Suitable for communication connectors. Supporting plate (art. no. 461590) for Cat 3 modular jack connector and supporting plate (art. no. 461593) for Cat 5 modular jack connector.

To be completed with: Central plate for modular jack connector with shut-off slide, art. no. System M 4619.., 4617.., System Basis 4615...
Accessories: Modular jack connector Cat 3, art. no. 465516/18. Modular jack connector Cat 5, art. no. 465595.
Technical Information: Data technology via central plate, art. no. 4615.., 4617.. (⇒ p. 487)

Version	Art. no.	PU	PG	Info
red	**461590**	4/240	1	
transparent	**461591**	4/240	1	
black	**461592**	4/240	1	
yellow	**461593**	4/240	1	
green	**461594**	4/240	1	



Modular jack connector, Cat 3

WE Western type.
In line with US FCC 86, Cat 3.
Connection with IDC clamping method.

Pin configuration Telecom/ISDN modular jack/8-pole: 1a/4, 1b/5, 2a/3, 2b/6.

To be completed with: Supporting plate for modular jack connector, art. no. 461590.Insert for modular jack connector, art. no. System M 464398, System Basis 461398, System Design 464398, OCTOCOLOR 463398.Central plate for modular jack connector, art. no. System M 2901.., 2957.., System Basis 2929...

Version	Art. no.	PU	PG	Info
6-pole RJ 11/ Cat. 3, black	**465516**	5/250	1	
8-pole RJ 45/ Cat. 3, black	**465518**	5/250	1	



Modular jack connector, Cat 5

WE Western type.
In line with US FCC 86, Cat 5.
Connection via LSA terminals.

To be completed with: Supporting plate for modular jack connector, art. no. 461593.Insert for modular jack connector, art. no. System M 464399, System Basis 461399, System Design 464399, OCTOCOLOR 463399.

Version	Art. no.	PU	PG	Info
8-pole RJ 45/ Cat. 5, black	**465595**	5/200	1	



Central plate for AMP-ACO

For AMP communications system insert.
Suitable for all adapter inserts.

Version	Art. no.	PU	PG	Info
white	**461424**	5/225	1	
polar white	**461418**	5/225	1	

TV/audio



Loudspeaker socket-outlet insert

With 2 separate loudspeaker sockets in accordance with DIN 41529.
Second opening can be broken out.
With screw connections (up to 2.5 mm²).

Version	Art. no.	PU	PG	Info
white	**294974**	10/40	1	
polar white	**294919**	10/40	1	



Central plate for telephone socket-outlet TAE

For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.

Version	Art. no.	PU	PG	Info
white	**292874**	5/150	1	
polar white	**292819**	5/150	1	



Loudspeaker connection insert, 2-gang

The poles are labelled in different colours.
Conductor cross-section up to max. 10 mm².
With quick plug-in terminals. With screw terminals on the back.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
polar white	**467019**	10/50	1	
anthracite	**467014**	10/50	1	

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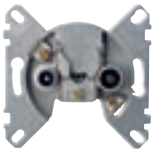


Central plate for antenna socket-outlets

For AEG, Astro, Bosch, Fuba, Hirschmann, Kathrein, Philips, Polytron, Siemens, Wisi, Zehnder etc. Third opening can be broken open for satellite socket.

To be completed with: Broadband cable/satellite through-way box, 2-gang, art. no. 466098.Broadband cable/satellite branch-circuit box, 2-gang, art. no. 466099.Satellite antenna socket-outlet, 3-gang, art. no. 466097.

Version	Art. no.	PU	PG	Info
white	**294874**	5/150	1	
polar white	**294819**	5/150	1	



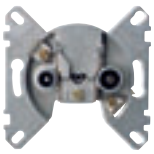
Broadband cable/satellite through-way box, 2-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Broadband directional coupler box for loop-through systems in broadband cable, communal aerial and satellite distribution systems. Suitable for flush-mounted boxes of Ø 55-65 mm. With claw and screw fixing.

To be completed with: Central plate for antenna socket-outlet, art. no. System M 2967.., 2975.., System Basis 2948.., System Design 2941.., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466098	1/54	1	



Broadband cable/satellite antenna branch-circuit box, 2-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Broadband directional coupler box for branch-circuit and star-type distribution systems in broadband cable, communal aerial and satellite distribution systems. With DC transmission via the TV connection. Suitable for flush-mounted boxes of Ø 55-65 mm.
With claw and screw fixing.
DC transmission: max. 24 V/400 mA
Signal: 22 kHz and DiSEqC

To be completed with: Central plate for antenna socket-outlet, art. no. System M 2967.., 2975.., System Basis 2948.., System Design 2941.., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466099	1/54	1	



Satellite antenna socket-outlet, 3-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Single satellite socket-outlet, 3-gang. For individual branch-circuit and star-type distribution systems in communal aerial and satellite distribution systems. With DC transmission via the satellite connection. Suitable for flush-mounted boxes of Ø 55-65 mm.
With claw and screw fixing.
DC transmission: max. 24 V/320 mA
Signal: 22 kHz and DiSEqC

To be completed with: Central plate for antenna socket-outlet, art. no. System M 2967.., 2975.., System Basis 2948.., System Design 2941.., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466097	1/54	1	



Central plate for Hirschmann 4-gang antenna socket-outlets

The central plate must be completed with the 4-gang antenna socket-outlet, art. no. GEVU 15S or EVU 02F from Hirschmann.

Version	Art. no.	PU	PG	Info
white	**464774**	10/240	1	
polar white	**464719**	10/240	1	



Central plate for Ankaro 4-gang antenna socket-outlets

The central plate is to be completed with the 4-gang antenna socket-outlet (art. no. SAT 400 EAS DC) from Ankaro. Also suitable for antenna socket-outlet GUT 400 from Astro.

Version	Art. no.	PU	PG	Info
white	**464874**	10/240	1	
polar white	**464819**	10/240	1	



Central plate for BNC/TNC socket

For BNC socket Ø 12.5 mm

Accessories: BNC socket Ø 12.5 mm, art. no. 465010.
Contents: With 4 adjustment rings for connectors Ø 9.5 mm.

Version	Art. no.	PU	PG	Info
white	**460574**	10/40	1	
polar white	**460519**	10/40	1	



BNC connector Ø 12.5 mm

Crimp connection up to Ø 6 mm.

To be completed with: Central plate for BNC/TNC socket, art. no. System M 4691.., 4685.., 4686.., System Basis 4605...Insert for BNC/TNC sockets, art. no. System M 464395, System Basis 461395, System Design 464395, OCTOCOLOR 463395.

Version	Art. no.	PU	PG	Info
	465010	5/500	1	



Central plate for XLR audio plug connector

For XLR round connector audio plug-in socket from Binder, Cannon, Neutrik or similar.

Version	Art. no.	PU	PG	Info
white	**460874**	5/150	1	
polar white	**460819**	5/150	1	



Central plate for XLR audio plug

For XLR round audio plug connectors from Binder, Cannon or similar.

Version	Art. no.	PU	PG	Info
white	**460974**	5/150	1	
polar white	**460919**	5/150	1	



Central plate for standard circular connector

For 3- to 12-pole sockets or plugs, Ø 30 mm.

Contents: With two fixing screws to secure the connector.

Version	Art. no.	PU	PG	Info
white	**461174**	5/150	1	
polar white	**461119**	5/150	1	



Central plate for EURO AV plug-in socket

SCART socket in line with DIN-EN 50049.

Connection between television and peripheral devices such as video recorder, satellite receiver, game console, video camera, PC etc.
Contacts with solder connections.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Contents: With socket and supporting plate for screw fixing.

Version	Art. no.	PU	PG	Info
white	**461274**	5/120	1	
polar white	**461219**	5/120	1	

Accessories



Symbols, oval

For rockers and switches with oval opening.

Version	Art. no.	PU	PG	Info
neutral, white	**395530**	100/4000	1	
light, white	**395630**	100/4000	1	
door, white	**395730**	100/4000	1	
bell, white	**395830**	100/4000	1	
neutral, clear	**395568**	100/4000	1	
light, clear	**395668**	100/4000	1	
door, clear	**395768**	100/4000	1	
bell, clear	**395868**	100/4000	1	
neutral, red transp.	**395930**	100/4000	1	



Adapter

Inserts for System Basis can be integrated into System Design with the adapter.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**518044**	10/300	1	
polar white	**518019**	10/300	1	
vanilla	**518082**	10/300	1.2	
ice blue	**518088**	10/300	1.2	
light grey	**518029**	10/300	1.2	
midnight blue	**518078**	10/300	1.2	
dark brazil	**518015**	10/300	1.2	
black grey	**518069**	10/300	1.2	
aluminium	**518060**	10/300	1.2	
metallic				
varnished stainless steel	**518046**	10/300	1.2	



Adapter

Inserts for System Basis can be integrated into the OCTOCOLOR range with the adapter.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**517094**	10/300	1	
polar white	**517099**	10/300	1	
metallic				
varnished bronze metallic	**517042**	10/300	1.2	
varnished titanium	**517005**	10/300	1.2	

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Inserts for the ATELIER range can be found under "System Basis/Inserts".

Material: Highly scratch-resistant duroplastic range.

Technical Information: System Basis dimensions (⇒ p. 425)

ATELIER frames

- Suitable for installation in trunking systems.



ATELIER frame, 1-gang

Version	Art. no.	PU	PG	Info
white	**397174**	10/220	1	
polar white	**397119**	10/220	1	



ATELIER frame, 1-gang

Version	Art. no.	PU	PG	Info
polar white	**395119**	10/180	1	



ATELIER frame, 2-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	**397274**	10/120	1	
polar white	**397219**	10/120	1	



ATELIER frame, 2-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
polar white	**395219**	10/90	1	



ATELIER frame, 3-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	**397374**	10/130	1	
polar white	**397319**	10/80	1	



ATELIER frame, 3-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
polar white	**395319**	10/60	1	



ATELIER frame, 4-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	**397474**	10/60	1	
polar white	**397419**	10/60	1	



ATELIER frame, 5-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	**397574**	1/38	1	
polar white	**397519**	1/38	1	



SCHUKO Kanalflex socket-outlet 68 x 68 mm

16 A, AC 250 V, DIN 49440

For square cutouts from 60 to 63.5 mm and round hole installation Ø 45 mm and Ø 65 mm.
With screw terminals.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	**274464**	10/50	1	
polar white	**274468**	10/50	1	



SCHUKO Kanalflex double socket-outlet

16 A, AC 250 V, DIN 49440

With screw terminals.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
polar white	**272068**	2/36	1	



Kanalflex frame 68 x 68 mm

For square cutouts from 60 to 63.5 mm and round hole installation Ø 65 mm.

Version	Art. no.	PU	PG	Info
white	**397184**	5/150	1	
polar white	**397188**	5/150	1	

Surface-mounted housing for ATELIER

- **Duroplastic version.**
- Suitable mini trunking (15x15 mm) is supplied by the trunking manufacturer.

Technical Information: Surface-mounted housing dimensions (⇒ p. 441)



Surface-mounted housing, 1-gang

With enclosed base and guide slots for partition walls. 2 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**511174**	1/40	1.5	
polar white	**511119**	1/40	1.5	



Surface-mounted housing, 2-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**511274**	1/20	1.5	
polar white	**511219**	1/20	1.5	



Surface-mounted housing, 3-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**511374**	1/15	1.5	
polar white	**511319**	1/15	1.5	



Junction box

400 V

Empty box for nominal cross-section 2.5 mm². With enclosed base and 6 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: Complete device with 3 mini-trunking entries (15 mm).

Version	Art. no.	PU	PG	Info
white	**511074**	1/40	1.5	
polar white	**511019**	1/40	1.5	



Cable entry

For cables and mini trunking.

Version	Art. no.	PU	PG	Info
white	**535162**	20/2000	1.5	
polar white	**535160**	20/2000	1.5	



Mini-trunking entry (15 mm)

For 15 x 15 mm ducts.

Version	Art. no.	PU	PG	Info
white	**535062**	10/1000	1.5	
polar white	**535060**	10/1000	1.5	

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JUMBO, the big switch

The all-round functional switch, conspicuously large. Can replace any standard one-way or two-way switch.



JUMBO, the big switch

10 AX, AC 250 V

In ATELIER design.
In existing stand-alone devices such as on/off, two-way and intermediate switches from the Merten ranges, only frame and rocker must be exchanged for the JUMBO top unit.

Dimensions: 165 x 165 x 45 mm (HxWxD)

Contents: Complete device with two-way switch.

Version	Art. no.	PU	PG	Info
ruby red	**310696**	1/6	1.1	

Switches



Heating emergency switch

10 AX, AC 250 V

With red inspection window and imprint "Heating emergency switch".

Contents: Complete device with neon lamp.

Version	Art. no.	PU	PG	Info
two-way, white	**325674**	10/40	1	
one-way, 2-pole, white	**325274**	10/40	1	



Heating emergency switch

16 AX, AC 400 V

With red inspection window and imprint "Heating emergency switch".

Contents: Complete device with neon lamp.

Version	Art. no.	PU	PG	Info
one-way, 3-pole, white	**325374**	10/40	1	



Two-way pull-cord switch

10 AX, AC 250 V

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	**316674**	10/40	1	



Two-way pull-cord switch

10 AX, AC 250 V

Without claws, for screw fixing.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	**316684**	10/40	1	
polar white	**316649**	10/40	1	



Pull-cord switch

10 AX, AC 250 V

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	**316874**	10/40	1	

Dimmers

Technical Information: Dimmer selection (⇒ p. 450)



ATELIER dimmer with pressure-operated one-way switch for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated one-way switch.
(Phase control).

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)

Contents: Complete device with full cover plate, not combinable.

Version	Art. no.	PU	PG	Info
60-400 W, white	**572174**	1/60	8	
60-400 W, polar white	**572119**	1/60	8	



ATELIER dimmer for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated two-way switch.
(Phase control).

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)
Contents: Complete device.

Version	Art. no.	PU	PG	Info
60-400 W, white	**572474**	1/60	8	
60-600 W, halogen 500 W, white	**572274**	1/60	8	

SCHUKO socket-outlets



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	**230474**	10/40	1	
polar white	**230419**	10/40	1	



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

With screw terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	**270474**	10/40	1	
polar white	**270419**	10/40	1	



SCHUKO socket-outlet with two-way switch

Suitable for a size 60 mounting box.
With screw terminals.
Socket-outlet: 16 A, AC 250 V, DIN 49440
Two-way switch: 16 A, AC 250 V

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	**272574**	10/40	1	



SCHUKO e.l.c.b.-protected socket-outlet with hinged lid and improved protection against accidental contact

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Constructed in accordance with VDE 0664 (EN 61008). For the improvement of safety in existing installations according to VDE 0100 Part 410. Output to connect further loads.
For integration into a size 60 mounting box.
The e.l.c.b.-protected socket-outlet can be retrofitted for additional protection against damp using the gasket set.

Voltage: AC 230 V
Fault current: 30 mA
Max. current: 16 A
Short-circuit withstand capability: 3000 A
Type of protection: IP 20

Accessories: Gasket set, art. no. 232990.
Contents: Complete device.

Version	Art. no.	PU	PG	Info
polar white	**232999**	1/24	8.1	



Gasket set

The e.l.c.b.-protected socket-outlet can be retrofitted for additional protection against damp using the gasket set.

To be completed with: System Basis SCHUKO e.l.c.b.-protected socket-outlet with hinged lid, art. no. 232999.

Version	Art. no.	PU	PG	Info
Gasket set	**232990**	1/70	1	



SCHUKO double socket-outlet

16 A, AC 250 V, DIN 49440

Suitable for a size 60 installation box.
With plug-in terminals.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	**231094**	5/60	1	
polar white	**231099**	5/30	1	



SCHUKO double socket-outlet with increased protection against accidental contact

16 A, AC 250 V, DIN 49440

In ATELIER design.
Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Suitable for one size 60 mounting box.
Suitable for two independent circuits.
With plug-in terminals.

Contents: Complete device with full cover plate, not combinable.

Version	Art. no.	PU	PG	Info
polar white	**232019**	5/30	1	



SCHUKO double socket-outlet with increased protection against accidental contact

16 A, AC 250 V, DIN 49440

In ATELIER design.
Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Suitable for one size 60 mounting box.
With plug-in terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	**232444**	5/30	1	
polar white	**232419**	5/30	1	



SCHUKO triple socket-outlet with increased protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
For integration into a double mounting box.
Suitable for two independent circuits.
With plug-in terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
polar white	**231819**	4/24	1	



SCHUKO 4-gang socket-outlet with increased protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
For surface mounting.
With plug-in terminals.

Contents: Complete device with full cover plate, not combinable.

Version	Art. no.	PU	PG	Info
polar white	**235819**	3/21	1.5	

Socket-outlets

Socket-outlet inserts for international markets.



Double socket-outlet without earthing contact

16 A, AC 250 V, CEE 7 Standard Sheet I

Suitable for **one** size 60 mounting box.
With plug-in terminals.
Without claws, for screw fixing.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	**211194**	5/30	1	
polar white	**211199**	5/30	1	



Socket-outlet without earthing contact

16 A, AC 250 V, DIN 49440

With screw terminals.
Without claws, for screw fixing.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	**210084**	10/40	1	



Socket-outlet with two-way switch, without earthing contact

Suitable for size 60 mounting boxes.
Socket-outlet: 16 A, AC 250 V, DIN 49440.
Two-way switch: 10 A, AC 250 V.
With screw terminals.
Without claws, for screw fixing.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	**212084**	10/40	1	
polar white	**212049**	10/40	1	

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British Standard socket-outlet

13 A, AC 250 V, 2-pole + E

Improved protection against accidental contact in accordance with BS 1363.
With full cover plate but without switch and control lamp.
Suitable for a size 60 mounting box.

Version	Art. no.	PU	PG	Info
white	**202674**	2/60	1	



British Standard socket-outlet

13 A, AC 250 V, 2-pole + E

In ATELIER design.
Improved protection against accidental contact in accordance with BS 1363.
With full cover plate and switch.

Version	Art. no.	PU	PG	Info
white	**202774**	2/60	1	

Inserts for the M1 range can be found under "System Basis/ Inserts".

Material: Highly scratch-resistant duroplastic range.

Technical Information: System Basis dimensions (⇒ p. 425)

M1 frames

- Suitable for installation in trunking systems.



M1 frame, 1-gang

Version	Art. no.	PU	PG	Info
white	**397124**	10/220	1	
polar white	**397118**	10/220	1	



M1 frame, 2-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	**397224**	10/120	1	
polar white	**397218**	10/120	1	



M1 frame, 3-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	**397324**	10/80	1	
polar white	**397318**	10/80	1	



M1 frame, 4-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	**397424**	10/60	1	
polar white	**397418**	10/60	1	



M1 frame, 5-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	**397524**	1/38	1	
polar white	**397518**	1/38	1	

M1 frames, with labelling option

- Suitable for installation in trunking systems.



M1 frame, 1-gang, with labelling option

Accessories: Labelling strips for M1 frames with labelling option, art. no. 397100.

Contents: 2 self-adhesive labelling strips and 2 self-adhesive windows per frame.

Version	Art. no.	PU	PG	Info
white	**397198**	10/180	1	
polar white	**397199**	10/180	1	



M1 frame, 2-gang, with labelling option

Accessories: Labelling strips for M1 frames with labelling option, art. no. 397100.

Contents: 4 self-adhesive labelling strips and 4 self-adhesive windows per frame.

Version	Art. no.	PU	PG	Info
vertical installation, white	**397296**	10/100	1	
vertical installation, polar white	**397297**	10/100	1	
horizontal installation, white	**397298**	10/100	1	
horizontal installation, polar white	**397299**	10/100	1	

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M1 frame, 3-gang, with labelling option

Accessories: Labelling strips for M1 frames with labelling option, art. no. 397100.
Contents: 6 self-adhesive labelling strips and 6 self-adhesive windows per frame.

Version	Art. no.	PU	PG	Info
vertical installation, white	**397396**	10/60	1	
vertical installation, polar white	**397397**	10/60	1	
horizontal installation, white	**397398**	10/60	1	
horizontal installation, polar white	**397399**	10/60	1	



Labelling strips for M1 frames with labelling option

For individual labelling of M1 frames with labelling option. Self-adhesive.

Accessories: Labelling software, art. no. 615022.
Contents: 1 sheet for 36 windows.

Version	Art. no.	PU	PG	Info
polar white	**397100**	1/100	1	

Surface-mounted housing for M-SMART, M1, ARTEC, OCTO-COLOR

- **Thermoplastic version.**
- Suitable mini trunking (15x15 mm) is supplied by the trunking manufacturer.

Technical Information: Surface-mounted housing dimensions (⇒ p. 441)



Surface-mounted housing, 1-gang

With enclosed base and guide slots for partition walls. 2 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**512144**	1/40	1.5	
polar white	**512119**	1/40	1.5	



Surface-mounted housing, 2-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**512244**	1/20	1.5	
polar white	**512219**	1/20	1.5	



Surface-mounted housing, 3-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**512344**	1/15	1.5	
polar white	**512319**	1/15	1.5	



Cable entry

For cables and mini trunking.

Version	Art. no.	PU	PG	Info
white	**535162**	20/2000	1.5	
polar white	**535160**	20/2000	1.5	



Mini-trunking entry (15 mm)

For 15 x 15 mm ducts.

Version	Art. no.	PU	PG	Info
white	**535062**	10/1000	1.5	
polar white	**535060**	10/1000	1.5	

Switches



Heating emergency switch

10 AX, AC 250 V

With red inspection window and imprint "Heating emergency switch".

Contents: Complete device with neon lamp.

Version	Art. no.	PU	PG	Info
two-way, white	**325624**	10/40	1	
one-way, 2-pole, white	**325224**	10/40	1	



Heating emergency switch

16 AX, AC 400 V

With red inspection window and imprint "Heating emergency switch".

Contents: Complete device with neon lamp.

Version	Art. no.	PU	PG	Info
one-way, 3-pole, white	**325324**	10/40	1	



Two-way pull-cord switch

10 AX, AC 250 V

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	**316624**	10/40	1	

Dimmers

Technical Information: Dimmer selection (⇒ p. 450)



M1 dimmer with pressure-operated one-way switch for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated one-way switch.
(Phase control).

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)

Contents: Complete device with full cover plate, not combinable.

Version	Art. no.	PU	PG	Info
60-400 W, white	**572124**	1/60	8	



M1 dimmer for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated two-way switch.
(Phase control).

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)

Contents: Complete device.

Version	Art. no.	PU	PG	Info
60-400 W, white	**572424**	1/60	8	
60-600 W, halogen 500 W, white	**572224**	1/60	8	

SCHUKO socket-outlets and accessories



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	**230424**	10/40	1	
polar white	**230418**	10/40	1	



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

With screw terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	**270424**	10/40	1	
polar white	**270418**	10/40	1	



SCHUKO socket-outlet with two-way switch

Suitable for a size 60 mounting box.
With screw terminals.
Socket-outlet: 16 A, AC 250 V, DIN 49440
Two-way switch: 16 A, AC 250 V

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	**272524**	10/40	1	
polar white	**272518**	10/40	1	



SCHUKO e.l.c.b.-protected socket-outlet with hinged lid and improved protection against accidental contact

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Constructed in accordance with VDE 0664 (EN 61008). For the improvement of safety in existing installations according to VDE 0100 Part 410. Output to connect further loads.
For integration into a size 60 mounting box.
The e.l.c.b.-protected socket-outlet can be retrofitted for additional protection against damp using the gasket set.

Voltage: AC 230 V
Fault current: 30 mA
Max. current: 16 A
Short-circuit withstand capability: 3000 A
Type of protection: IP 20

Accessories: Gasket set, art. no. 232990.
Contents: Complete device.

Version	Art. no.	PU	PG	Info
polar white	**232999**	1/24	8.1	



Gasket set

The e.l.c.b.-protected socket-outlet can be retrofitted for additional protection against damp using the gasket set.

To be completed with: System Basis SCHUKO e.l.c.b.-protected socket-outlet with hinged lid, art. no. 232999.

Version	Art. no.	PU	PG	Info
Gasket set	**232990**	1/70	1	



SCHUKO double socket-outlet

16 A, AC 250 V, DIN 49440

Suitable for a size 60 installation box.
With plug-in terminals.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	**231024**	5/60	1	
polar white	**231018**	5/30	1	



SCHUKO double socket-outlet, flat design

16 A, AC 250 V, DIN 49440

For integration into a double mounting box.
With plug-in terminals.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	**231424**	2/30	1	
polar white	**231418**	2/30	1	



SCHUKO triple socket-outlet

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Note: For cavity wall installation: Use special box, art. no. 9062 from the Kaiser company in Schalksmühle, Germany.
Contents: Complete device with double mounting box and fixing screws.

Version	Art. no.	PU	PG	Info
white	**231224**	5/30	1	
polar white	**231218**	5/30	1	

Socket-outlets

Socket-outlet inserts for international markets.



Socket-outlet without earthing contact

16 A, AC 250 V, DIN 49440

With screw terminals.
Without claws, for screw fixing.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	**210024**	10/40	1	
polar white	**210018**	10/40	1	



Socket-outlet with two-way switch, without earthing contact

Suitable for size 60 mounting boxes.
Socket-outlet: 16 A, AC 250 V, DIN 49440.
Two-way switch: 10 A, AC 250 V.
With screw terminals.
Without claws, for screw fixing.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
white	**212024**	10/40	1	
polar white	**212018**	10/40	1	



Double socket-outlet without earthing contact

16 A, AC 250 V, CEE 7 Standard Sheet I

Suitable for **one** size 60 mounting box.
With plug-in terminals.
Without claws, for screw fixing.

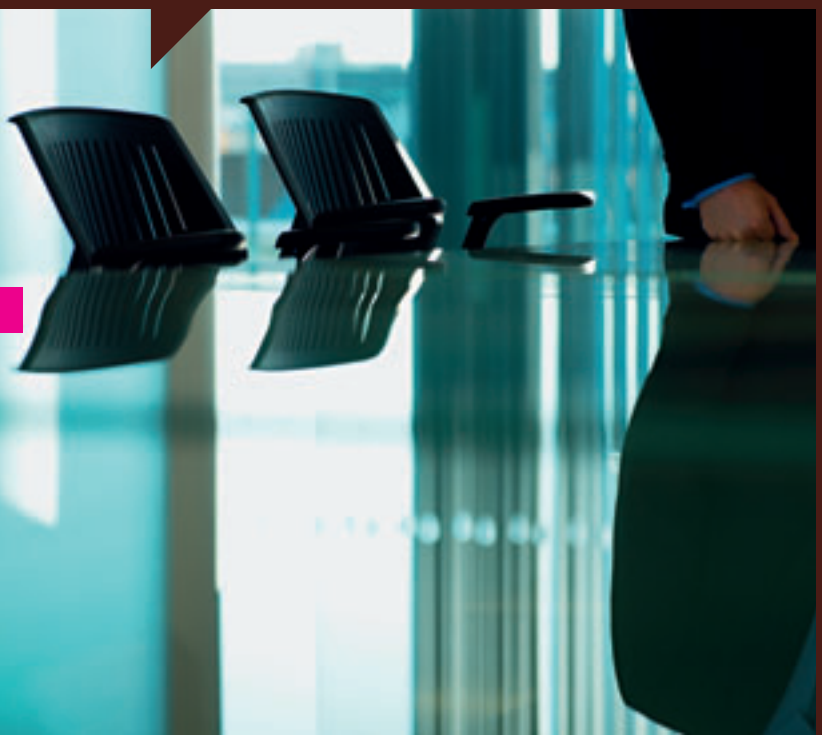
Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	**211124**	5/30	1	
polar white	**211118**	5/30	1	

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SYSTEM M

FUNCTIONALITY IN A PERFECT DESIGN





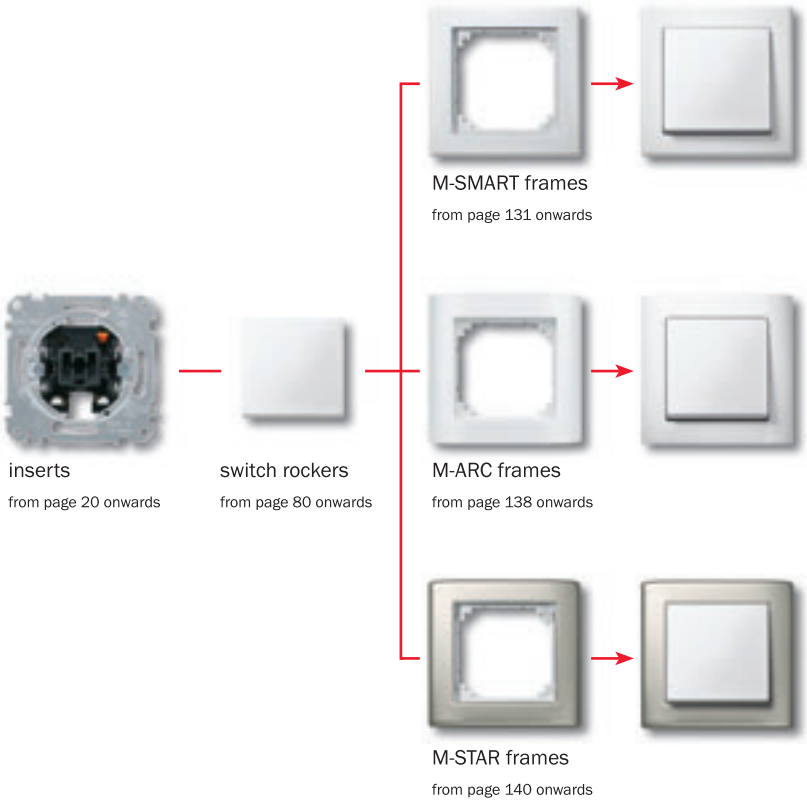
System M is a single system that can be combined in many ways. With one insert and six design variants, System M provides your customers with maximum flexibility when it comes to choosing a switch range.

Design, technology and intelligence – integrated into one system.

The system principle

Changing the switch range made easy: System M inserts fit all design variants. Just change the frames and the job is done.

On the next page, you will find the new options available in System M with additional materials and surfaces.



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GOOD DESIGN

design award winner 2003

reddot

Designpreis der Bundesrepublik Deutschland **2002** *Anerkennung*

CONTENTS



DAZZLING BRILLIANCE

M-SMART



M-ARC





M-PLAN





M-PLAN II



DAZZLING BRILLIANCE

M-PLAN Glass



DAZZLING BRILLIANCE

M-STAR

80 SYSTEM M / INSERTS
80 Switch rockers
81 The round switch
81 JUMBO, the big switch
81 SCHUKO socket-outlets and accessories
84 Socket-outlets and accessories
87 Shaver sockets
88 Splash-proof – IP 44
89 Switches, time switches and central plates
92 Covers for dimmers
93 Roller shutter switches
94 Blind control system
96 CONNECT radio system
99 Movement detectors
100 Room temperature control units
101 KNX
108 Components for Ritto TwinBus
108 Central plates for communications technology
110 Communications inserts
112 Telecommunications
115 Data technology
120 TV/audio
122 Signal and info covers
126 Orientation signs
126 Visual call systems
127 Visual call systems
130 Accessories

131 M-SMART/FRAMES
131 M-SMART frames
132 M-SMART frames with labelling bracket
134 Surface-mounted housing for M-SMART, M1, ARTEC, OCTOCOLOR
135 JUMBO, the big switch
135 SCHUKO socket-outlets
137 Socket-outlets
137 Splash-proof – IP 44

138 M-ARC/FRAMES
138 M-ARC frames
138 SCHUKO socket-outlets
139 Socket-outlets

140 M-STAR/FRAMES
140 M-STAR frames

142 M-PLAN REAL GLASS FRAMES
142 M-PLAN real glass frames

143 M-PLAN/FRAMES
143 M-PLAN frames
143 M-PLAN frames, with labelling option
144 SCHUKO socket-outlets
145 Socket-outlets

146 M-PLAN II/FRAMES
146 M-PLAN II frames, flush-mounted

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SYSTEM M
THE NEW ARRAY OF PRODUCTS



DAZZLING BRILLIANCE

Now there are three more reasons to choose System M: The new high-gloss surfaces and materials: **“Thermoplastic brilliant”**, **“Active white”** and **“Duroplastic higly scratch-resistant”**. With System M, Merten offers building owners and architects practically unlimited possibilities to give switch designs more individuality.

From now on, the right surface and the right material are available for selection in 210 functions for any application:

- Brilliant surface made of shatter-proof thermoplastic
- Active white gloss surface made from shatter-proof antibacterial thermoplastic
- Classy matt surface made of shatter-proof thermoplastic
- Glossy surface made of highly scratch-resistant duroplastic



M-SMART
thermoplastic brilliant, polar white, glossy

SYSTEM M

NEW

M-SMART Thermoplastic brilliant





Polar white, glossy
(Also available in active white, extra-glossy)

M-SMART Thermoplastic brilliant

Extra-glossy surface made of shatter-proof thermoplastic – very easy to clean.

M-SMART Thermoplastic classy matt





Polar white

M-SMART Thermoplastic classy matt

Classy matt surface made of shatter-proof thermoplastic.

NEW

M-SMART Duroplastic, highly scratch-resistant



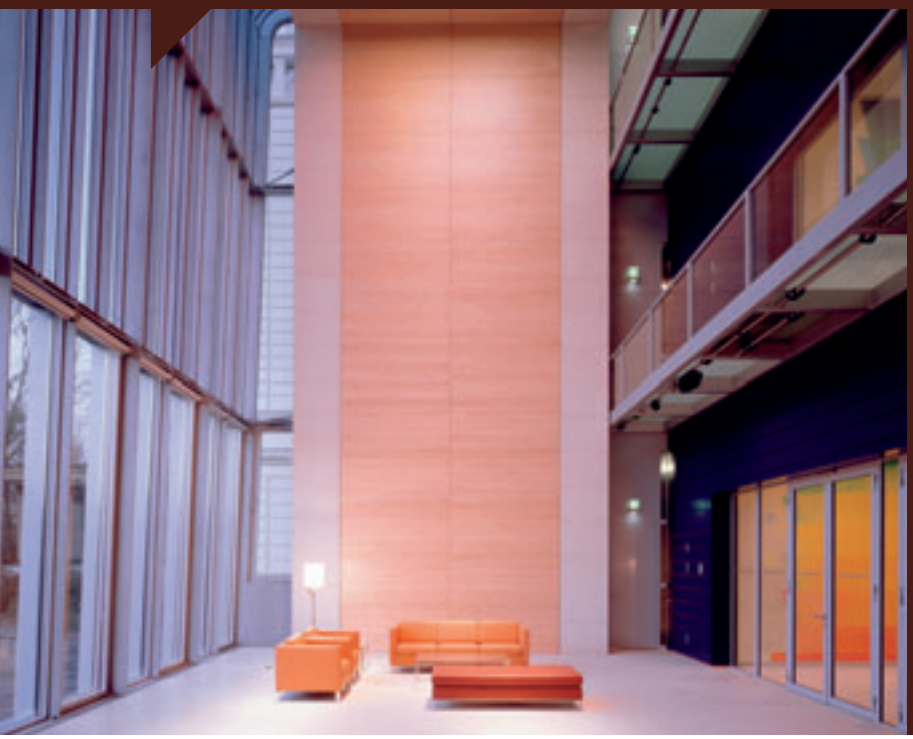


Polar white

M-SMART Duroplastic, highly scratch-resistant

Glossy surface made of highly scratch-resistant duroplastic.

M-SMART ACTIVE WHITE
NATURALLY CLEAN





PUBLIC BUILDINGS IN PARTICULAR CAN EXPECT A HIGH NUMBER OF VISITORS. THE RISK OF DISEASE TRANSMISSION IS THEREFORE INCREASED.

That is why we have made it our goal to develop a self-disinfecting switch surface which provides long-term and reliable protection against germs and bacteria in order to prevent disease transmission.

To this end, high-quality, shock-proof thermoplastic silver ions were added to the switch material. These guarantee an anti-viral and anti-bacterial effect, and completely remove harmful bacteria within 24 hours.

Unlike antibiotics or disinfectants, silver ions are able to prevent the development of resistant microorganisms. This natural process therefore has no negative effects on either humans or the environment. The natural anti-bacterial action remains effective for the whole life of the product – a very important feature of our switch range since it will used for many years and decades.

Protection you can rely on with M-SMART ACTIVE WHITE

The long-lasting high degree of effectiveness of silver ions has been proven and certified by renowned institutes in Germany and internationally; as early as September 2004 by the Medical Institute for Microbiology at the University of Milan, the SIK Institute in Göteborg and the Law-Labs in Birmingham as well as medical science Institute of Microbiology and Epidemiology, Military Academy of Medical Science, Peking.

M-SMART ACTIVE WHITE
NATURALLY CLEAN

The new System M switch range in the M-SMART ACTIVE WHITE design from Merten now offers long-term protection from germs and bacteria.

The colour ACTIVE WHITE is also new. Similar to RAL 9016, active white offers a fresh alternative to the existing white tones.

The glossy plastic surface can be easily wiped free of dirt.



M-SMART Thermoplastic brilliant, active white glossy

Areas of application

System M in the M-SMART ACTIVE WHITE design is well-suited for commercial building solutions, particularly:

- Hotels
- Restaurants
- Schools
- Hospitals
- Airports/train stations
- Office buildings
- Catering kitchens
- Retirement homes
- Public institutions

SYSTEM M ACTIVE WHITE – all the advantages at a glance:

- An environmentally friendly solution, thanks to the use of non-hazardous materials
- Long-lasting protection and increased security against bacteria
- A sustainable solution thanks to its long-term effectiveness
- Scientifically proven to be highly effective
- Glossy surface makes it easy to clean
- With over 210 functions, System M from Merten offers a convincing solution for all applications
- The benefits to you: a high-level long-term effect for a low investment

All inserts that fit M-SMART, M-ARC, M-STAR and M-PLAN / M-PLAN II frames can be found under "System M / Inserts".

- Notes on materials: The articles in System M are available in various materials. All versions are fully compatible with each other.

Thermoplastic brilliant: Shatter-proof material with high gloss finish. The version "active white glossy" also contains an antibacterial substance.

Thermoplastic classy matt: Shatter-proof material with high-quality matt finish.

Duroplastic, highly scratch-resistant: Highly scratch-resistant material with glossy finish. Not all inserts are available in duroplastic, in these cases you should use thermoplastic brilliant.

Technical Information: System M dimensions (⇒ p. 422)

Switch rockers

For completion with rocker switch inserts.

Rocker

For two-way switch, intermediate switch and push-button insert.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**432144**	10/400	1	
polar white, glossy	**432119**	10/400	1	
active white, glossy	**432125**	10/400	1	
Thermoplastic classy matt				
white	**433144**	10/400	1	
polar white	**433119**	10/400	1	
anthracite	**433114**	5/225	1.1	
aluminium	**433160**	5/225	1.1	
Duroplastic, highly scratch-resistant				
white	**434144**	10/400	1	
polar white	**434119**	10/400	1	



Rocker marked 0/1

For 2- and 3-pole rocker switch insert.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**432244**	5/225	1	
polar white, glossy	**432219**	5/225	1	
active white, glossy	**432225**	5/225	1	
Thermoplastic classy matt				
white	**433244**	5/225	1	
polar white	**433219**	5/225	1	
anthracite	**433214**	5/225	1.1	
aluminium	**433260**	5/225	1.1	
Duroplastic, highly scratch-resistant				
white	**434244**	5/120	1	
polar white	**434219**	5/120	1	

Rocker for two-circuit switch

For two-way, double two-way switch and double push-button insert.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**432544**	10/240	1	
polar white, glossy	**432519**	10/240	1	
active white, glossy	**432525**	10/240	1	
Thermoplastic classy matt				
white	**433544**	10/240	1	
polar white	**433519**	10/240	1	
anthracite	**433514**	5/225	1.1	
aluminium	**433560**	5/225	1.1	
Duroplastic, highly scratch-resistant				
white	**434544**	10/240	1	
polar white	**434519**	10/240	1	



Rocker with labelling field

For permanent labelling.
For two-way switch, intermediate switch and push-button.

Contents: 4 pictograms (1 service, 1 light, 1 bell, 1 neutral) per rocker.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**432344**	10/240	1	
polar white, glossy	**432319**	10/240	1	
active white, glossy	**432325**	10/240	1	
Thermoplastic classy matt				
white	**433344**	10/240	1	
polar white	**433319**	10/240	1	
anthracite	**433314**	5/225	1.1	
aluminium	**433360**	5/225	1.1	
Duroplastic, highly scratch-resistant				
white	**434344**	10/240	1	
polar white	**434319**	10/240	1	

Rocker with rectangular opening for symbols

For control switch and push-button insert.

Accessories: Symbols, rectangular, art. no. 395500/69, 395600/69, 395700/69, 395800/69, 395900.

Contents: For PU 5: 2 light, 1 door, 1 bell (clear), 5 neutral (red transparent). For PU 10: 4 light, 2 door, 2 bell (clear), 10 neutral (red transparent).

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**432844**	10/240	1	
polar white, glossy	**432819**	10/240	1	
active white, glossy	**432825**	10/240	1	
Thermoplastic classy matt				
white	**433844**	10/240	1	
polar white	**433819**	10/240	1	
anthracite	**433814**	5/225	1.1	
aluminium	**433860**	5/225	1.1	
Duroplastic, highly scratch-resistant				
white	**434844**	10/240	1	
polar white	**434819**	10/240	1	

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Rocker for heating emergency switch

With red inspection window and imprint "Heating emergency switch".

To be completed with: Rocker switch insert, art. no. 325200, 325600, 311300.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**432944**	5/225	1	
polar white, glossy	**432919**	5/225	1	
active white, glossy	**432925**	5/225	1	
Thermoplastic classy matt				
white	**433944**	5/225	1	
polar white	**433919**	5/225	1	
Duroplastic, highly scratch-resistant				
white	**434944**	5/120	1	
polar white	**434919**	5/120	1	

The round switch

The round switch is a complete device. If you want to realise the multiple combination the gap between the middle of each box to middle of the next box then has to be 113 mm.
Recommendation: You can obtain the correct distance by for example placing two distance glands 21 mm long each between the flush-mounted boxes.



The round switch

10 AX, AC 250 V

With plug-in terminals.
Dimensions: Ø 90 mm

Further functions available on request.
Contents: Complete device with two-way switch.
Availability: Available September 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
two-way, polar white, glossy	**431619**	1/10	1	

JUMBO, the big switch

The all-round functional switch, conspicuously large. Can replace any standard one-way or two-way switch.



Jumbo, the big switch

10 AX, AC 250 V

In M-SMART design.
In existing stand-alone devices such as on/off, two-way and intermediate switches from the Merten ranges, only frame and rocker must be exchanged for the JUMBO top unit.

Dimensions: 161x161x32 mm (HxWxD)

Contents: Complete device with two-way switch.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**433619**	1/6	1	

SCHUKO socket-outlets and accessories

- Most SCHUKO socket-outlets have plug-in terminals.
- All versions with screw terminals are described accordingly.
- Connecting terminals in accordance with VDE 0620 Part 1.



SCHUKO socket-outlet insert

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**233444**	10/100	1	
polar white, glossy	**233419**	10/100	1	
active white, glossy	**233425**	10/100	1	
Thermoplastic classy matt				
white	**237144**	10/100	1	
polar white	**237119**	10/100	1	
anthracite	**237114**	10/50	1.1	
aluminium	**237160**	10/50	1.1	
Duroplastic, highly scratch-resistant				
white	**235144**	10/100	1	
polar white	**235119**	10/100	1	

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SCHUKO socket-outlet insert with screw terminals

16 A, AC 250 V, DIN 49440

With screw terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**273444**	10/50	1	
polar white, glossy	**273419**	10/50	1	
active white, glossy	**273425**	10/50	1	
Thermoplastic classy matt				
white	**277144**	10/50	1	
polar white	**277119**	10/50	1	
anthracite	**277114**	10/50	1.1	
aluminium	**277160**	10/50	1.1	
Duroplastic, highly scratch-resistant				
white	**275244**	10/50	1	
polar white	**275219**	10/50	1	



SCHUKO socket-outlet insert

16 A, AC 250 V, DIN 49440

With plug-in terminals.
Without claws, for screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**223444**	10/100	1	
polar white, glossy	**223419**	10/100	1	
active white, glossy	**223425**	10/100	1	
Thermoplastic classy matt				
white	**227144**	10/100	1	
polar white	**227119**	10/100	1	
anthracite	**227114**	10/50	1.1	
aluminium	**227160**	10/50	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



SCHUKO socket-outlet insert with improved protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With plug-in terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**235044**	10/50	1	
polar white, glossy	**235019**	10/50	1	
active white, glossy	**235025**	10/50	1	
Thermoplastic classy matt				
white	**237344**	10/50	1	
polar white	**237319**	10/50	1	
anthracite	**237314**	10/50	1.1	
aluminium	**237360**	10/50	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



SCHUKO socket-outlet insert with control lamp

16 A, AC 250 V, DIN 49440

With screw terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**276144**	10/40	1	
polar white, glossy	**276119**	10/40	1	
active white, glossy	**276125**	10/40	1	
Thermoplastic classy matt				
white	**276944**	10/40	1	
polar white	**276919**	10/40	1	
green	**276904**	10/40	1.1	
orange	**276902**	10/40	1.1	
Duroplastic, highly scratch-resistant				
white	**275344**	10/40	1	
polar white	**275319**	10/40	1	



SCHUKO socket-outlet insert with hinged lid

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**238244**	10/50	1	
polar white, glossy	**238219**	10/50	1	
active white, glossy	**238225**	10/50	1	
Thermoplastic classy matt				
white	**237644**	10/50	1	
polar white	**237619**	10/50	1	
anthracite	**237614**	10/50	1.1	
aluminium	**237660**	10/50	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



SCHUKO socket-outlet insert with hinged lid and improved protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With plug-in terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**238344**	10/50	1	
polar white, glossy	**238319**	10/50	1	
active white, glossy	**238325**	10/50	1	
Thermoplastic classy matt				
white	**237444**	10/50	1	
polar white	**237419**	10/50	1	
anthracite	**237414**	10/50	1.1	
aluminium	**237460**	10/50	1.1	
Duroplastic, highly scratch-resistant				
white	**235444**	10/40	1	
polar white	**235419**	10/40	1	

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SCHUKO socket-outlet insert with EDP imprint

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**236244**	10/50	1	
polar white, glossy	**236219**	10/50	1	
active white, glossy	**236225**	10/50	1	
Thermoplastic classy matt				
white	**236144**	10/50	1	
polar white	**236119**	10/50	1	
anthracite	**236114**	10/50	1.1	
aluminium	**236160**	10/50	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



SCHUKO e.l.c.b.-protected socket-outlet insert with improved protection against accidental contact

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Constructed in accordance with VDE 0664 (EN 61008). For the improvement of safety in existing installations according to VDE 0100 Part 410. Output to connect further loads.
For integration into a size 60 mounting box.

Voltage: AC 230 V
Fault current: 30 mA
Max. current: 16 A
Short-circuit withstand capability: 3000 A
Type of protection: IP 20

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**233844**	1/24	8	
polar white, glossy	**233819**	1/24	8	
active white, glossy	**233825**	1/24	8	
Thermoplastic classy matt				
white	**232844**	1/24	8	
polar white	**232819**	1/24	8	
anthracite	**232814**	1/24	8	
aluminium	**232860**	1/24	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



SCHUKO socket-outlet insert for special circuits

16 A, AC 250 V, DIN 49440

For SV (safety power supply) and ZSV (additional safety power supply).
With plug-in terminals.

Accessories: Labels for safety power supply, art. no. 539654/56.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
ruby red	**233406**	10/50	1	
green	**233404**	10/50	1	
orange	**233402**	10/50	1	
Thermoplastic classy matt				
ruby red	**237106**	10/50	1	
SV, green	**237104**	10/50	1	
additional safety power supply, orange	**237102**	10/50	1	



Labels for safety power supply

Self-adhesive labels.
SV label (safety power supply) and ZSV label (additional safety power supply).

Contents: 1 item = 10 labels.

Version	Art. no.	PU	PG	Info
SV, green	**539656**	1/1000	1	
additional safety power supply, orange	**539654**	1/1000	1	



SCHUKO surge protection socket-outlet insert

16 A, AC 250 V, DIN 49440, DIN EN 61643-11

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Protects electronic devices against overvoltages. With monitoring equipment and arrestor disconnector, optical functional display (green LED) and acoustic signal.
With screw terminals.

Rated discharge voltage: AC 250 V
Surge voltage (8/10): 4 kV
Protection level: <1.3 kV
Nominal current: 16 A

Contents: 2 labels with imprint "Surge protection" in black and white lettering.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**276644**	1/50	8	
polar white, glossy	**276619**	1/50	8	
active white, glossy	**276625**	1/50	8	
Thermoplastic classy matt				
white	**276844**	1/50	8	
polar white	**276819**	1/50	8	
anthracite	**276814**	1/50	8	
aluminium	**276860**	1/50	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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SCHUKO timer socket-outlet insert with improved protection against accidental contact

8 A, 230 V AC

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Can be operated via a push-button on the socket-outlet, or with an extension push-button.
The socket-outlet switches off after a pre-set time.
Can be switched off before time period has expired.
With screw terminals.
With screw fixing.
Time setting: adjustable in steps of 15 mins, 30 mins, 1 h, 2 h, 4 h, 8 h
Fine protection electronic overload-/ temperature protection
Fuse: 8 A
Display elements: green LED for status display

Adapters: Thermoplastic can be brilliantly integrated into System Design using the adapter, art. no. 5184...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Note: Flush-mounted installation in size 60 installation box possible.
Contents: With 2 screws for fastening onto the installation box.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**501144**	1/30	8	
polar white, glossy	**501119**	1/30	8	
active white, glossy	**501125**	1/30	8	
Thermoplastic classy matt				
white	**500144**	1/30	8	
polar white	**500119**	1/30	8	
anthracite	**500114**	1/30	8	
aluminium	**500160**	1/30	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Surge protection module for socket-outlet combinations

For all combination SCHUKO flush-mounted socket-outlets.
Suitable for standard size 60 installation box.
It is advisable to clearly mark the cover of the relevant socket-outlet.

Mounting depth: 32 mm
Type of protection: Fine protection
Failure indication: Acoustic signal
Special features: Test function

Version	Art. no.	PU	PG	Info
	533498	1/50	8	

Socket-outlets and accessories

Socket-outlet inserts for international markets.



Socket-outlet insert with earthing pin and increased protection against accidental contact

16 A, AC 250 V, CEE 7 Standard Sheet V

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With screw terminals.
With claw and screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**284244**	10/50	1	
polar white, glossy	**284219**	10/50	1	
active white, glossy	**284225**	10/50	1	
Thermoplastic classy matt				
white	**284344**	10/50	1	
polar white	**284319**	10/50	1	
anthracite	**284314**	10/50	1.1	
aluminium	**284360**	10/50	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Socket-outlet insert with earthing pin and hinged lid

16 A, AC 250 V, CEE 7 Standard Sheet V

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With screw terminals.
With claw and screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**288344**	10/50	1	
polar white, glossy	**288319**	10/50	1	
active white, glossy	**288325**	10/50	1	
Thermoplastic classy matt				
white	**287444**	10/50	1	
polar white	**287419**	10/50	1	
anthracite	**287414**	10/50	1.1	
aluminium	**287460**	10/50	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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Socket-outlet insert without earthing contact

16 A, AC 250 V, CEE 7 Standard Sheet I

With screw terminals.
With claw and screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**214244**	10/50	1	
polar white, glossy	**214219**	10/50	1	
active white, glossy	**214225**	10/50	1	
Thermoplastic classy matt				
white	**214444**	10/50	1	
polar white	**214419**	10/50	1	
anthracite	**214414**	10/50	1.1	
aluminium	**214460**	10/50	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Socket-outlet insert T12

16 A, AC 250 V, SEV 6534-1

With plug-in terminals.
Without claws, for screw fixing.

Note: For the Swiss market.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**206219**	20/100	1	
active white, glossy	**206225**	20/100	1	
Thermoplastic classy matt				
polar white	**206119**	20/100	1	
anthracite	**206114**	20/100	1.1	
aluminium	**206160**	20/100	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



HNA socket-outlet insert

10 A, 250 V, B 220 DIN 89321

For System M.
For socket-outlets where it is essential that they are not interchanged.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**204944**	10/40	7	
polar white, glossy	**204919**	10/40	7	
active white, glossy	**204925**	10/40	7	
Thermoplastic classy matt				
white	**204144**	10/40	7	
polar white	**204119**	10/40	7	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Potential equalisation socket-outlet insert

With two 1-pole, built-in plugs to DIN 42801.
Connecting terminal up to 6 mm².
Without claws, for screw fixing.

Accessories: Potential equalisation angled connector, art. no. 297190.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**290444**	10/50	1	
polar white, glossy	**290419**	10/50	1	
active white, glossy	**290425**	10/50	1	
Thermoplastic classy matt				
white	**298244**	10/50	1	
polar white	**298219**	10/50	1	
Duroplastic, highly scratch-resistant				
white	**290644**	10/50	1	
polar white	**290619**	10/50	1	



Potential equalisation angled connector

DIN 42801 part 2

Suitable for use as a potential equalisation socket-outlet insert.
Solder connection up to 6 mm².

To be completed with: Potential equalisation socket-outlet insert, art. no. System M 2904.., 2982.., 2906.., System Basis 2970.., System Design 2973.., OCTOCOLOR 2972...

Version	Art. no.	PU	PG	Info
	297190	10/500	1	



British Standard socket-outlet insert, can be switched off

13 A, AC 250 V, 2-pole + E

Improved protection against accidental contact in accordance with BS 1363.
With switch and control lamp.
Suitable for a size 60 mounting box.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**203919**	2/60	1	
active white, glossy	**203925**	2/60	1	
Thermoplastic classy matt				
polar white	**202319**	2/60	1	
anthracite	**202314**	2/60	1.1	
aluminium	**202360**	2/60	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



British Standard socket-outlet insert

13 A, AC 250 V, 2-pole + E

Improved protection against accidental contact in accordance with BS 1363.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**200919**	10/40	1	
active white, glossy	**200925**	10/40	1	
Thermoplastic classy matt				
polar white	**201219**	10/50	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Adapter plate for British Standard mounting box

For installation of the socket-outlet inserts in British Standard mounting boxes.

To be completed with: British Standard socket-outlet insert, art. no. 201219, 201919, 203219.British Standard socket-outlet insert, can be switched off, art. no. 2023.., 2025.., 2024.., 202053.Chinese socket-outlet insert, 2-pole, art. no. 201019, 201719, 203019.Chinese socket-outlet insert, 3-pole, art. no. 201119, 201819, 203119.Chinese socket-outlet insert with hinged lid, 3-pole, art. no. 241119.Chinese socket-outlet insert, 3-pole, art. no. 203819, 204619, 205119.Chinese double socket-outlet insert, 2-/3-pole, art. no. 203719, 204519, 205019.

Version	Art. no.	PU	PG	Info
white	**307001**	60/300	1	



Chinese socket-outlet insert, 2-pole

10 A, 250 V AC

Improved protection against accidental contact.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**200719**	10/50	1	
active white, glossy	**200725**	10/50	1	
Thermoplastic classy matt				
polar white	**201019**	10/50	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Chinese socket-outlet insert, 3-pole

10 A, 250 V AC

Improved protection against accidental contact.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**200819**	10/50	1	
active white, glossy	**200825**	10/50	1	
Thermoplastic classy matt				
polar white	**201119**	10/50	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Chinese double socket-outlet insert, 2-pole/3-pole

10 A/10 A, AC 250 V

Improved protection against accidental contact.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**200519**	10/50	1	
active white, glossy	**200525**	10/50	1	
Thermoplastic classy matt				
polar white	**203719**	10/50	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Chinese socket-outlet insert, 3-pole

16 A, AC 250 V

Improved protection against accidental contact.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**203319**	10/50	1	
active white, glossy	**203325**	10/50	1	
Thermoplastic classy matt				
polar white	**203819**	10/50	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Chinese socket-outlet insert with hinged lid, 3-pole

10 A, 250 V AC

Improved protection against accidental contact.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
polar white	**241119**	10/50	1	



Universal socket-outlet insert, 3-pole

13 A, AC 250 V

Improved protection against accidental contact.
For Euro plugs (2.5 A), British Standard plugs (13 A), Chinese 3-pole plugs (10 A), Chinese 2/3-pole plugs without earthing contact (10 A).
Not permitted for use with plugs with French/Belgian earthing contact and plugs conforming to DIN 49441 (e.g. SCHUKO® plugs).

Article available on request.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**205519**	10/40	1	
active white, glossy	**205525**	10/40	1	
Thermoplastic classy matt				
polar white	**205219**	10/40	1	
aluminium	**205260**	10/40	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Shaver sockets



Shaver socket-outlet insert

IEC 742 / EN 60742

For Euro plugs and Chinese 2-contact plugs.
Secondary voltages can be tapped directly in two plug-in positions.
With screw terminals (up to 2.5 mm²).
For integration in conventional flush-mounted double boxes for cavity wall/flush-mounted boxes in accordance with DIN 49073, e.g. from Kaiser, art. no. 9062-77 (cavity wall) or art. no. 1656-02 (flush-mounted).

Primary: AC 230 V - 240 V, 50/60 Hz
Secondary: 20 VA, AC 115 V / 230 V - 240 V, 50/60 Hz

To be completed with: Central plate for shaver socket, art. no. System M 2136.., 2135.., System Design 2134...Fame 2-gang without central bridge piece, art. no. M-SMART 4788.., 4848.., M-ARC 4858.., M-STAR 4668.., 4768.., 4868.., M-PLAN 4888. M-PLAN glass 4878...Frame 2-gang without central bridge piece art. no. ARTEC 4818.., TRANCENT 482860, ANTIK 4838...

Version	Art. no.	PU	PG	Info
	213300	1/13	8	



Central plate for shaver socket

To be completed with: Shaver socket insert, art. no. 213300.Fame 2-gang without central bridge piece, art. no. M-SMART 4788.., 4848.., M-ARC 4858.., M-STAR 4668.., 4768.., 4868.., M-PLAN 4888. M-PLAN glass 4878...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**213644**	2/96	8	
polar white, glossy	**213619**	2/96	8	
active white, glossy	**213625**	2/96	8	
Thermoplastic classy matt				
white	**213544**	2/96	8	
polar white	**213519**	2/96	8	
anthracite	**213514**	2/96	8	
aluminium	**213560**	2/96	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



M-SMART frame, 2-gang without central bridge piece

To be completed with: Shaver socket insert, art. no. 213300.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**478844**	10/200	1	
polar white, glossy	**478819**	10/200	1	
active white, glossy	**478825**	10/200	1.1	
Thermoplastic classy matt				
white	**484844**	10/200	1	
polar white	**484819**	10/200	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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M-ARC frame, 2-gang without central bridge piece

To be completed with: Shaver socket insert, art. no. 213300.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**485844**	10/160	1	
polar white	**485819**	10/160	1	
sand	**485870**	2/96	1.1	
midnight blue	**485878**	2/96	1.1	
anthracite	**485814**	2/96	1.1	
aluminium	**485860**	2/96	1.1	



M-STAR frame, 2-gang without central bridge piece

To be completed with: Shaver socket insert, art. no. 213300.

Version	Art. no.	PU	PG	Info
metallic				
satin silver/white	**466844**	2/96	1.1	
satin silver/polar white	**466819**	2/96	1.1	
satin silver/ anthracite	**466814**	2/96	1.1	
chrome/white	**476844**	2/96	1.1	
chrome/polar white	**476819**	2/96	1.1	
chrome/anthracite	**476814**	2/96	1.1	
polished brass/white	**486844**	2/96	1.1	
polished brass/polar white	**486819**	2/96	1.1	
polished brass/ anthracite	**486814**	2/96	1.1	



M-PLAN frames, 2-gang without central bridge piece

To be completed with: Shaver socket insert, art. no. 213300.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**488844**	10/90	1	
polar white	**488819**	10/90	1	
anthracite	**488814**	2/96	1.1	
aluminium	**488860**	2/96	1.1	



M-PLAN real glass frames, 2-gang without central bridge piece

To be completed with: Shaver socket insert, art. no. 213300.

Version	Art. no.	PU	PG	Info
glass				
diamond	**487860**	1/48	1.1	
sapphire	**487878**	1/48	1.1	
ruby red	**487806**	1/48	1.1	
mahogany	**487815**	1/48	1.1	

Splash-proof - IP 44

For completion with M-SMART, M-ARC and M-PLAN frames.
Technical Information: System M IP 44 dimensions (⇒ p. 436)



Rocker

For two-way switch, intermediate switch and push-button insert.

Type of protection: IP 44 splash-proof

IP 44

Contents: Rocker with gasket set, 2-part.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**432044**	1/60	2.1	
polar white, glossy	**432019**	1/60	2.1	
active white, glossy	**432025**	1/60	2.1	
Thermoplastic classy matt				
white	**433044**	1/60	2.1	
polar white	**433019**	1/60	2.1	
anthracite	**433014**	1/60	2.1	
aluminium	**433060**	1/60	2.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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Rocker with rectangular opening for symbols

For control switch and push-button insert.

Type of protection: IP 44 splash-proof

IP 44

Accessories: Symbols, rectangular, art. no. 395500/69, 395600/69, 395700/69, 395800/69, 395900.

Contents: Rocker with gasket set, 2-part. Symbols: 1 light, 1 bell (clear), 1 neutral (red transparent).

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**432744**	1/60	2.1	
polar white, glossy	**432719**	1/60	2.1	
active white, glossy	**432725**	1/60	2.1	
Thermoplastic classy matt				
white	**433744**	1/60	2.1	
polar white	**433719**	1/60	2.1	
anthracite	**433714**	1/60	2.1	
aluminium	**433760**	1/60	2.1	
Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant				



SCHUKO socket-outlet insert with hinged lid

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With plug-in terminals.
With claw and screw fixing.
Type of protection: IP 44 splash-proof

IP 44

Contents: Socket-outlet with sealing ring.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**238444**	1/50	2.1	
polar white, glossy	**238419**	1/50	2.1	
active white, glossy	**238425**	1/50	2.1	
Thermoplastic classy matt				
white	**236644**	1/50	2.1	
polar white	**236619**	1/50	2.1	
anthracite	**236614**	1/50	2.1	
aluminium	**236660**	1/50	2.1	
Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant				

Switches, time switches and central plates



Central plate for time switch insert, 15 min

To be completed with: Time switch insert, 15 min, art. no. 538000.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**567444**	1/100	8	
polar white, glossy	**567419**	1/100	8	
active white, glossy	**567425**	1/100	8	
Thermoplastic classy matt				
white	**539044**	1/100	8	
polar white	**539019**	1/100	8	
anthracite	**539014**	1/100	8	
aluminium	**539060**	1/100	8	
Duroplastic, highly scratch-resistant				
white	**539344**	1/100	8	
polar white	**539319**	1/100	8	



Central plate for time switch insert, 120 min

To be completed with: Time switch insert, 120 min, art. no. 538200.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**567544**	1/100	8	
polar white, glossy	**567519**	1/100	8	
active white, glossy	**567525**	1/100	8	
Thermoplastic classy matt				
white	**539244**	1/100	8	
polar white	**539219**	1/100	8	
anthracite	**539214**	1/100	8	
aluminium	**539260**	1/100	8	
Duroplastic, highly scratch-resistant				
white	**539444**	1/100	8	
polar white	**539419**	1/100	8	



Time switch

For programmed and time-dependent switching of lamps.

Functions:

- 2 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Timer (autom. disconnection after set time)
- Manual operation possible at any time

Nominal voltage: AC 230 V / 50 Hz
Neutral conductor: required
Switching capacity: 1000 W incandescent lamps
750 W LV halogen with electr. transformers
750 VA conv. transformer
500 VA fluorescent lamps uncomp.
400 VA fluorescent lamps with parallel comp.
1000 VA fluorescent lamps, twin-lamp circuit
Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

Contents: Complete device. Without frame.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**581244**	1/10	8	
polar white, glossy	**581219**	1/10	8	
active white, glossy	**581225**	1/10	8	
Thermoplastic classy matt				
white	**586044**	1/10	8	
polar white	**586019**	1/10	8	
anthracite	**586014**	1/10	8	
aluminium	**586060**	1/10	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Time switch with sensor connection

For programmed and time-dependent switching of lamps. Connection of a sun/twilight sensor is possible.
The sensor cable is connected with the time switch via the plug. Set brightness value of sun sensor approx. 20,000 lux.

Functions:

- 2 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Timer (autom. disconnection after set time)
- Manual operation possible at any time

Nominal voltage: AC 230 V / 50 Hz
Neutral conductor: required
Switching capacity: 1000 W incandescent lamps
750 W LV halogen with electr. transformers
750 VA conv. transformer
500 VA fluorescent lamps uncomp.
400 VA fluorescent lamps with parallel comp.
1000 VA fluorescent lamps, twin-lamp circuit
Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

Accessories: Sun/twilight sensor, art. no. 580691.
Contents: Complete device. Without frame.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**581344**	1/10	8	
polar white, glossy	**581319**	1/10	8	
active white, glossy	**581325**	1/10	8	
Thermoplastic classy matt				
white	**586644**	1/10	8	
polar white	**586619**	1/10	8	
anthracite	**586614**	1/10	8	
aluminium	**586660**	1/10	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



SCHUKO timer socket-outlet insert with improved protection against accidental contact

8 A, 230 V AC

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Can be operated via a push-button on the socket-outlet, or with an extension push-button.
The socket-outlet switches off after a pre-set time.
Can be switched off before time period has expired.
With screw terminals.
With screw fixing.
Time setting: adjustable in steps of 15 mins, 30 mins, 1 h, 2 h, 4 h, 8 h
Fine protection electronic overload-/ temperature protection
Fuse: 8 A
Display elements: green LED for status display

Adapters: Thermoplastic can be brilliantly integrated into System Design using the adapter, art. no. 5184...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Note: Flush-mounted installation in size 60 installation box possible.
Contents: With 2 screws for fastening onto the installation box.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**501144**	1/30	8	
polar white, glossy	**501119**	1/30	8	
active white, glossy	**501125**	1/30	8	
Thermoplastic classy matt				
white	**500144**	1/30	8	
polar white	**500119**	1/30	8	
anthracite	**500114**	1/30	8	
aluminium	**500160**	1/30	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Two-way pull-cord switch insert

10 A, 250 V AC

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**436744**	10/50	1	
polar white, glossy	**436719**	10/50	1	
active white, glossy	**436725**	10/50	1	
Thermoplastic classy matt				
white	**436644**	10/50	1	
polar white	**436619**	10/50	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for two-way maintained-contact switch insert

For standardised semi-cylindrical locks 40 mm long.

To be completed with: Two-way maintained-contact switch insert, art. no. 318601.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**319544**	1/60	8	
polar white, glossy	**319519**	1/60	8	
active white, glossy	**319525**	1/60	8	
Thermoplastic classy matt				
white	**318144**	1/60	8	
polar white	**318119**	1/60	8	
anthracite	**318114**	1/60	8	
aluminium	**318160**	1/60	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for speed controller

To be completed with: Speed controller insert, art. no. 583699.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**567644**	1/100	8	
polar white, glossy	**567619**	1/100	8	
active white, glossy	**567625**	1/100	8	
Thermoplastic classy matt				
white	**569644**	1/100	8	
polar white	**569619**	1/100	8	
anthracite	**569614**	1/100	8	
aluminium	**569660**	1/100	8	
Duroplastic, highly scratch-resistant				
white	**539844**	1/100	8	
polar white	**539819**	1/100	8	



Central plate for three-step rotary switch

To be completed with: Three-step rotary switch insert, art. no. 317400.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**567244**	1/100	8	
polar white, glossy	**567219**	1/100	8	
active white, glossy	**567225**	1/100	8	
Thermoplastic classy matt				
white	**437344**	1/100	8	
polar white	**437319**	1/100	8	
Duroplastic, highly scratch-resistant				
white	**538844**	1/100	8	
polar white	**538819**	1/100	8	

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Central plate for fan switch

To be completed with: Fan switch insert, art. no. 317100.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**567344**	1/100	1	
polar white, glossy	**567319**	1/100	1	
active white, glossy	**567325**	1/100	1	
Thermoplastic classy matt				
white	**437144**	1/100	1	
polar white	**437119**	1/100	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Hotel keycard holder

Illuminated.

To be completed with: Rocker button insert for hotel keycard holder, art. no. 315800. Rocker switch insert, art. no. 315000, 315900, 315901.
Accessories: Neon lamp attachment with integrated lamp, art. no. 396502. Plug-in light attachment E 10, art. no. 396576. Neon lamp E 10, art. no. 395100. LED lamp E 10, art. no. 3951...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**315644**	1/100	1	
polar white, glossy	**315619**	1/100	1	
active white, glossy	**315625**	1/100	1	
Thermoplastic classy matt				
white	**315444**	1/100	1	
polar white	**315419**	1/100	1	
anthracite	**315414**	1/100	1.1	
aluminium	**315460**	1/100	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Covers for dimmers



Central plate for rotary dimmer inserts up to 600 VA

For System M.

To be completed with: Dimmer insert, art. no. 572499, 572299, 572599, 577199, 572999, 573299.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**567044**	5/120	8	
polar white, glossy	**567019**	5/120	8	
active white, glossy	**567025**	5/120	8	
Thermoplastic classy matt				
white	**569944**	5/120	8	
polar white	**569919**	5/120	8	
anthracite	**569914**	5/120	8	
aluminium	**569960**	5/120	8	
Duroplastic, highly scratch-resistant				
white	**539944**	5/120	8	
polar white	**539919**	5/120	8	



Central plate of comfort rotating regulator for universal super dimmer insert

For System M.
Manual operation.
With the rotary knob and four operating surfaces for further functions. The light segments arranged around the rotary knob show the set brightness value.
Functions:

- Switching on and off by pressing or turning the rotary knob
- The dimming speed depends on the rotational speed
- Retrieving/storing two brightness values
- Switching orientation light on/off
- Switching energy saving function on/off (restriction of the max. brightness to 80%)

To be completed with: Universal super dimmer insert, art. no. 577099.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**567844**	1/60	8	
polar white, glossy	**567819**	1/60	8	
active white, glossy	**567825**	1/60	8	
Thermoplastic classy matt				
white	**567744**	1/60	8	
polar white	**567719**	1/60	8	
anthracite	**567714**	1/60	8	
aluminium	**567760**	1/60	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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Sensor cover

For System M.
Manual operation.
With short-stroke key.

To be completed with: Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension insert, art. no. 573999.
Technical Information: Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**577644**	1/100	8	
polar white, glossy	**577619**	1/100	8	
active white, glossy	**577625**	1/100	8	
Thermoplastic classy matt				
white	**570144**	1/100	8	
polar white	**570119**	1/100	8	
anthracite	**570114**	1/100	8	
aluminium	**570160**	1/100	8	
Duroplastic, highly scratch-resistant				
white	**570444**	1/100	8	
polar white	**570419**	1/100	8	

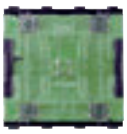


TELE sensor cover

For System M.
Can be manually operated and controlled remotely via IR remote control.
With short-stroke key.

To be completed with: Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension TELE insert, art. no. 573998.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**577944**	1/100	8	
polar white, glossy	**577919**	1/100	8	
active white, glossy	**577925**	1/100	8	
Thermoplastic classy matt				
white	**570344**	1/100	8	
polar white	**570319**	1/100	8	
anthracite	**570314**	1/100	8	
aluminium	**570360**	1/100	8	
Duroplastic, highly scratch-resistant				
white	**571144**	1/100	8	
polar white	**571119**	1/100	8	



Push-button module, 2-gang

For System M.
Push-button module without rockers.
The push-button module is inserted onto the 2-gang universal dimmer insert (art. no. 568099), and is used together with the rockers for the 2-gang push-button module in the matching design.

To be completed with: Universal dimmer insert, 2-gang, art. no. 568099. Rockers for 2-gang push-button module, art. no. System M 6192.., 6252...

Version	Art. no.	PU	PG	Info
	568499	1/100	8	



Rockers for 2-gang push-button module

For System M.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System M 568499.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System M 625299.
Accessories: Protective hood for plaster, System M, art. no. 627591...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**619244**	1/150	9	
polar white, glossy	**619219**	1/150	9	
active white, glossy	**619225**	1/150	9	
Thermoplastic classy matt				
white	**625244**	1/150	9	
polar white	**625219**	1/150	9	
anthracite	**625214**	1/150	9	
aluminium	**625260**	1/150	9	

Roller shutter switches



Rocker for roller shutter switch and push-button

For roller shutter rocker switch and rocker button insert.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**432444**	5/225	1	
polar white, glossy	**432419**	5/225	1	
active white, glossy	**432425**	5/225	1	
Thermoplastic classy matt				
white	**435544**	5/225	1	
polar white	**435519**	5/225	1	
anthracite	**435514**	5/225	1.1	
aluminium	**435560**	5/225	1.1	
Duroplastic, highly scratch-resistant				
white	**434444**	5/120	1	
polar white	**434419**	5/120	1	

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Central plate for momentary/ maintained-contact switch insert for roller shutters

To be completed with: Momentary/maintained-contact switch insert for roller shutters, art. no. 317200.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**567144**	1/100	1	
polar white, glossy	**567119**	1/100	1	
active white, glossy	**567125**	1/100	1	
Thermoplastic classy matt				
white	**569844**	1/100	1	
polar white	**569819**	1/100	1	
anthracite	**569814**	1/100	1.1	
aluminium	**569860**	1/100	1.1	
Duroplastic, highly scratch-resistant				
white	**538744**	1/100	1	
polar white	**538719**	1/100	1	



Central plate for momentary/ maintained-contact switch inserts for roller shutters

For standardised semi-cylindrical locks 40 mm long.

To be completed with: Momentary/maintained-contact switch insert for roller shutters, art. no. 318501, roller shutter momentary-contact switch insert, art. no. 318901.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**319444**	1/60	8	
polar white, glossy	**319419**	1/60	8	
active white, glossy	**319425**	1/60	8	
Thermoplastic classy matt				
white	**319344**	1/60	8	
polar white	**319319**	1/60	8	
anthracite	**319314**	1/60	8	
aluminium	**319360**	1/60	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Blind control system

You can find a complete overview of all products and functions in the chapter "Blind control system".

Technical Information: Blind control system (⇒ p. 463)



Blind push-button

Operator button for blind/roller shutter motors. With electronic locking of blind control.

To be completed with: Blind control insert, art. no. 580698, 580699.

Technical Information: Blind push-button (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**587744**	1/100	8	
polar white, glossy	**587719**	1/100	8	
active white, glossy	**587725**	1/100	8	
Thermoplastic classy matt				
white	**586244**	1/100	8	
polar white	**586219**	1/100	8	
anthracite	**586214**	1/100	8	
aluminium	**586260**	1/100	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Blind push-button with sensor connection

Operator button for blind/roller shutter motors. With electronic locking of blind control. Possible to connect sun sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.

Technical Information: Blind push-button with sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**587844**	1/100	8	
polar white, glossy	**587819**	1/100	8	
active white, glossy	**587825**	1/100	8	
Thermoplastic classy matt				
white	**586544**	1/100	8	
polar white	**586519**	1/100	8	
anthracite	**586514**	1/100	8	
aluminium	**586560**	1/100	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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Blind push-button with memory function and sensor connection

Operator button for blind/roller shutter motors.
With electronic locking of blind control.
Possible to connect sun sensor.
The device uses a a memory function for the purpose of presence simulation to save a time for opening and a time for closing the blinds. Which are then repeated every 24 hours.

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind push-button with memory function and sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**587944**	1/100	8	
polar white, glossy	**587919**	1/100	8	
active white, glossy	**587925**	1/100	8	
Thermoplastic classy matt				
white	**586344**	1/100	8	
polar white	**586319**	1/100	8	
anthracite	**586314**	1/100	8	
aluminium	**586360**	1/100	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Blind push-button with IR receiver and sensor connection

Operator button for blind/roller shutter motors.
Can be manually operated and controlled remotely via IR remote control. With electronic locking of blind control.
Possible to connect sun sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: Blind push-button with IR receiver and sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**588044**	1/100	8	
polar white, glossy	**588019**	1/100	8	
active white, glossy	**588025**	1/100	8	
Thermoplastic classy matt				
white	**586444**	1/100	8	
polar white	**586419**	1/100	8	
anthracite	**586414**	1/100	8	
aluminium	**586460**	1/100	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Standard blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

To be completed with: Blind control insert, art. no. 580698, 580699.
Technical Information: Standard blind time switch (⇒ p. 466)
Note: In combination with the blind control insert and extension input, art. no. 580699, the extension input does not work.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**581444**	1/10	8	
polar white, glossy	**581419**	1/10	8	
active white, glossy	**581425**	1/10	8	
Thermoplastic classy matt				
white	**581944**	1/10	8	
polar white	**581919**	1/10	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

To be completed with: Blind control insert, art. no. 580698, 580699.
Technical Information: Blind time switch (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**581544**	1/10	8	
polar white, glossy	**581519**	1/10	8	
active white, glossy	**581525**	1/10	8	
Thermoplastic classy matt				
white	**586144**	1/10	8	
polar white	**586119**	1/10	8	
anthracite	**586114**	1/10	8	
aluminium	**586160**	1/10	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Blind time switch with sensor connection

For programmed and time-dependent switching of blind/roller shutter motors.
Possible to connect sun/twilight sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind time switch with sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**581644**	1/10	8	
polar white, glossy	**581619**	1/10	8	
active white, glossy	**581625**	1/10	8	
Thermoplastic classy matt				
white	**586744**	1/10	8	
polar white	**586719**	1/10	8	
anthracite	**586714**	1/10	8	
aluminium	**586760**	1/10	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

CONNECT radio system

You can find a complete overview of all radio functions and their functions in the chapter "CONNECT radio system".
The Merten CONNECT radio system is a bi-directional radio network. That means that all devices can transmit and receive signals simultaneously. It is possible so for example for signals to be routed or for alternative radio transmission paths to be searched for (e.g. during temporary faults).

There are two configuration methods:
- The EASY CONNECT method: For the connection of max. five devices which are in the direct vicinity of one and other (e.g. in one room). Configuration is carried out manually.
- Using the CONNECT radio configurator: For systems between different rooms with up to 100 devices and extensive functions (scenes, central switching function, switch times, individual key assignment).

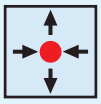
For both types of installation method a so called "system administrator" must always be integrated.

Properties:
- Secure transmission using frequency range 868 MHz
- Clear addressing enables interference-free operation of multiple radio systems side by side
- Very flexible installation and configuration
- No cable routing required, due to the use of battery-powered transmitters
- Extension of existing installations
- Implementation of groups, scene controlling options and central functions
- The extensive product spectrum covers all areas of application such as lighting control, roller shutter control, scene and heating control.
- Simple teaching in of freely programmable functions
- Extremely flat battery-powered push-button e.g. for attaching to glass
- Indoor transmission range: around 30 m (depending on place of installation and building characteristics such as materials and wall strengths)
- Range in free field: approx. 100 m

Explanation of symbols:



The device can assume the functions of the system administrator. We recommend you use only fixed devices as system administrator (e.g. CONNECT radio push-button, 1-gang).



The device has the routing function. It automatically relays signals and maintains fault-free operation.



The device transmits signals.



The device receives signals and switches accordingly e.g. light or roller shutter.



Z-Wave standard
The device is compatible with Z-wave products from other manufacturers.



CONNECT radio central unit, merten@home, colour

Central device with eight freely programmable operator buttons and 3.5" colour display for the central control and visualisation of a Merten CONNECT radio system. The user interface is merten@home.
Radio features: **System administrator, router**

Accessories: Power supply, flush-mounted, art. no. 505599.
Transmitter: All transmitters of the Merten CONNECT radio system.
Receiver: All receivers of the Merten CONNECT radio system.
Note: A RJ45 connector suitable for field assembly is recommended for the Ethernet connection, e.g. FM45 from Reichle+DeMassari. The CONNECT radio configurator for the Merten CONNECT radio system is available via the Internet or on the Merten info CD.
Contents: With design frame.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
polar white	**505919**	1/1	8	
aluminium	**505960**	1/1	8	



CONNECT radio central unit, merten@home, monochrome

Central device with eight freely programmable operator buttons and 3.5" monochrome display for the central control and visualisation of a Merten CONNECT radio system. The user interface is merten@home.
Radio features: **System administrator, router**

Accessories: Power supply, flush-mounted, art. no. 505599.
Transmitter: All transmitters of the Merten CONNECT radio system.
Receiver: All receivers of the Merten CONNECT radio system.
Note: A RJ45 connector suitable for field assembly is recommended for the Ethernet connection, e.g. FM45 from Reichle+DeMassari. The CONNECT radio configurator for the Merten CONNECT radio system is available via the Internet or on the Merten info CD.
Contents: With design frame.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
polar white	**505019**	1/4	8	
aluminium	**505060**	1/4	8	



CONNECT radio universal remote control

20 channel radio remote control and IR remote control in a single device. For operating the radio receiver of the Merten CONNECT radio system and TV, VCR/DVD, SAT, AMP.
Radio features: **System administrator (see note)**

Receiver: All receivers of the Merten CONNECT radio system.
Note: The device can assume the features and characteristics of the system administrator. As it concerns a mobile device we recommend that you preferably select a fixed device as system administrator. Instead use for example a CONNECT radio push-button, 1-gang.
Contents: With battery. With a codes table for nearly all conventional devices, like TV, VCR, DVD, SAT, AUX, ...
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
black	**506922**	1/1	8	

CONNECT radio push-button, 1-gang

For System M.
Battery-powered radio transmitter with 2 channels. For controlling the Merten CONNECT radio system's radio receiver.
Radio features: **System administrator**

Receiver: All receivers of the Merten CONNECT radio system.
Contents: Battery, retaining plate, double-sided adhesive strips, single-sided adhesive foils aluminium-coloured, screws, dowels.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**506144**	1/40	8	
polar white, glossy	**506119**	1/40	8	
active white, glossy	**506125**	1/40	8	
Thermoplastic classy matt				
white	**505144**	1/40	8	
polar white	**505119**	1/40	8	
anthracite	**505114**	1/40	8	
aluminium	**505160**	1/40	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



CONNECT radio push-button, 2-gang

For System M.
Battery-powered radio transmitter with 4 channels. For controlling the Merten CONNECT radio system's radio receiver.
Radio features: **System administrator**

Receiver: All receivers of the Merten CONNECT radio system.
Contents: Battery, retaining plate, double-sided adhesive strips, single-sided adhesive foils aluminium-coloured, screws, dowels.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**506244**	1/40	8	
polar white, glossy	**506219**	1/40	8	
active white, glossy	**506225**	1/40	8	
Thermoplastic classy matt				
white	**505244**	1/40	8	
polar white	**505219**	1/40	8	
anthracite	**505214**	1/40	8	
aluminium	**505260**	1/40	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

CONNECT radio sensor cover for dimmer inserts

For System M.
Operator button to toggle or switch/dim an output. Manual operation and remote control possible via Merten CONNECT radio system transmitters.
Radio features: **Router**

To be completed with: Universal super dimmer insert, art. no. 577099 from version 3A.
Transmitter: All transmitters of the Merten CONNECT radio system.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**503644**	1/100	8	
polar white, glossy	**503619**	1/100	8	
active white, glossy	**503625**	1/100	8	
Thermoplastic classy matt				
white	**502644**	1/100	8	
polar white	**502619**	1/100	8	
anthracite	**502614**	1/100	8	
aluminium	**502660**	1/100	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

CONNECT radio sensor cover, for switch inserts

For System M.
Operator button for switching an output. Manual operation and remote control possible via Merten CONNECT radio system transmitters.
Radio features: **Router**

To be completed with: Relay switch insert, art. no. 576897. Electronic switch insert, art. no. 576799 from version 2A.
Transmitter: All transmitters of the Merten CONNECT radio system.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**503444**	1/100	8	
polar white, glossy	**503419**	1/100	8	
active white, glossy	**503425**	1/100	8	
Thermoplastic classy matt				
white	**502444**	1/100	8	
polar white	**502419**	1/100	8	
anthracite	**502414**	1/100	8	
aluminium	**502460**	1/100	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



CONNECT radio roller shutter push-button with sensor connection

For System M.
Operating button for roller shutter motors. Manual operation and remote control possible via Merten CONNECT radio system transmitters. With electronic locking device.
Possible to connect sun/twilight sensor.
Radio features: **Router**

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Transmitter: All transmitters of the Merten CONNECT radio system.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**503544**	1/60	8	
polar white, glossy	**503519**	1/60	8	
active white, glossy	**503525**	1/60	8	
Thermoplastic classy matt				
white	**502544**	1/60	8	
polar white	**502519**	1/60	8	
anthracite	**502514**	1/60	8	
aluminium	**502560**	1/60	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Movement detectors

Technical Information: ARGUS 180, flush-mounted (⇒ p. 505)



ARGUS 180 / 2.20 m flush-mounted sensor module

For System M.
Indoor movement detector with anti-crawl protection.

Area of detection: 180°
Number of levels: 6
Number of zones: 46
Range: 8 m right/left, 12 m to the front
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable from approx. 5 to approx. 1000 lux
Time: adjustable in steps from 1 s to 8 mins
Mounting height: 2.2 m or 1.1 m with half the range

To be completed with: Electronic switch insert, art. no. 576799.
Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Contents: With cover segments to limit the area of detection.
Availability: Available August 2006.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**568844**	1/40	8	
polar white, glossy	**568819**	1/40	8	
active white, glossy	**568825**	1/40	8	
Thermoplastic classy matt				
white	**568744**	1/40	8	
polar white	**568719**	1/40	8	
anthracite	**568714**	1/40	8	
aluminium	**568760**	1/40	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



ARGUS 180 flush-mounted sensor module

For System M.
Indoor movement detector.

Area of detection: 180°
Number of levels: 1
Number of zones: 14
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

To be completed with: Electronic switch insert, art. no. 576799.
Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Supersedes art. no. 5752 ..

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**575544**	1/60	8	
polar white, glossy	**575519**	1/60	8	
active white, glossy	**575525**	1/60	8	
Thermoplastic classy matt				
white	**578444**	1/60	8	
polar white	**578419**	1/60	8	
anthracite	**578414**	1/60	8	
aluminium	**578460**	1/60	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



ARGUS 180 flush-mounted sensor module with switch

For System M.
Indoor movement detector.
With integrated switch for off/automatic/on.

Area of detection: 180°
Number of levels: 1
Number of zones: 14
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

To be completed with: Electronic switch insert, art. no. 576799.
Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Supersedes art. no. 5759 ..

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**572844**	1/60	8	
polar white, glossy	**572819**	1/60	8	
active white, glossy	**572825**	1/60	8	
Thermoplastic classy matt				
white	**578544**	1/60	8	
polar white	**578519**	1/60	8	
anthracite	**578514**	1/60	8	
aluminium	**578560**	1/60	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Electronic switch insert

AC 230 V

For ohmic load such as incandescent lamps, 230 V halogen lamps.

Switching capacity: 40-300 W
Neutral conductor:not required (2 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...

Technical Information: ARGUS flush-mounted overview (⇒ p. 506)

Note: A maximum of two electronic switch inserts may be wired in parallel. The sensor cover with radio receiver for switch inserts, art. no. 5932.., 5933.. can be used from version 1A with the electronic switch insert, art. no. 576799. The insert from version 2A only, can be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
40-300 W	**576799**	1/50	8	



Relay switch insert

AC 230 V

For ohmic and complex loads such as incandescent lamps, fluorescent lamps, energy-saving lamps, LV halogen lighting etc.

Switching capacity: 0-1000 VA
Capacitive load: max. 140 µF
Neutral conductor: required (3 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...

Technical Information: ARGUS flush-mounted overview (⇒ p. 506)

Note: Replace the relay switch insert, art. no. 576899.

Version	Art. no.	PU	PG	Info
0-1000 VA	**576897**	1/50	8	

Room temperature control units

Technical Information: Heating control (⇒ p. 489)



Central plate for room temperature control insert with switch

Range limiting integrated into setting knob.
Particularly flat design.

To be completed with: Room temperature control insert with switch, art. no. 536302, 536304.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**534844**	1/150	8	
polar white, glossy	**534819**	1/150	8	
active white, glossy	**534825**	1/150	8	
Thermoplastic classy matt				
white	**536144**	1/150	8	
polar white	**536119**	1/150	8	
anthracite	**536114**	1/150	8	
aluminium	**536160**	1/150	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Room temperature control insert with switch

With thermal recirculation.
Fourth terminal for night economy.

To be completed with: Central plate for room temperature control unit with switch, art. no. System M 5348.., 5361.., System Basis 5385.., System Design 5397.., OCTOCOLOR 5391...

Contents: Room temperature control insert, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 10(4) A	**536302**	1/50	8	
AC 24 V, 1(1) A	**536304**	1/50	8	



Central plate for room temperature control insert with changeover contact

Range limiting integrated into setting knob.
Particularly flat design.

To be completed with: Room temperature control unit insert with changeover contact, art. no. 536400, 536401.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**534744**	1/150	8	
polar white, glossy	**534719**	1/150	8	
active white, glossy	**534725**	1/150	8	
Thermoplastic classy matt				
white	**536244**	1/150	8	
polar white	**536219**	1/150	8	
anthracite	**536214**	1/150	8	
aluminium	**536260**	1/150	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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Room temperature control insert with changeover contact

For electric underfloor heating if the additional heater has to be interlocked, air conditioning (cooling), valve drives (de-energised open or closed). With thermal recirculation.

- **To be completed with:** Central plate for room temperature control unit with changeover contact, art. no. System M 5347.., 5362.., System Basis 5365.., System Design 5374.., OCTOCOLOR 5364...
- **Contents:** Room temperature control insert, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 5(2) A	**536400**	1/50	8	
AC 24 V, 1(1) A	**536401**	1/50	8	



Central plate for floor thermostat insert with switch

Range limiting integrated into setting knob. Particularly flat design.

- **To be completed with:** Floor thermostat with switch, art. no. 537100.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**534944**	1/150	8	
polar white, glossy	**534919**	1/150	8	
active white, glossy	**534925**	1/150	8	
Thermoplastic classy matt				
white	**535844**	1/150	8	
polar white	**535819**	1/150	8	
anthracite	**535814**	1/150	8	
aluminium	**535860**	1/150	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Floor thermostat insert with switch

With remote sensor on 4 m incoming lead, extendable with twin-core cable.

- **To be completed with:** Central plate for floor thermostat insert with switch, art. no. System M 5349.., 5358.., System Basis 5371.., System Design 5375.., OCTOCOLOR 5372...
- **Contents:** Room temperature control insert, remote sensor, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 10(4) A	**537100**	1/12	8	

KNX

Further product information can be found in chapter "KNX".

Technical Information: KNX system characteristics (⇒ p. 518)

Push-button, 1-gang plus

For System M.
With integrated bus coupling unit.
Push-button with 2 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.

- **Accessories:** Labelling sheets for push-buttons, art. no. 618319/20.
- **Contents:** With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**617144**	1/60	9	
polar white, glossy	**617119**	1/60	9	
active white, glossy	**617125**	1/60	9	
Thermoplastic classy matt				
white	**627544**	1/60	9	
polar white	**627519**	1/60	9	
anthracite	**627514**	1/60	9	
aluminium	**627560**	1/60	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Push-button, 2-gang plus

For System M.
With integrated bus coupling unit.
Push-button with four operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.

- **Accessories:** Labelling sheets for push-buttons, art. no. 618319/20.
- **Contents:** With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**617244**	1/60	9	
polar white, glossy	**617219**	1/60	9	
active white, glossy	**617225**	1/60	9	
Thermoplastic classy matt				
white	**627644**	1/60	9	
polar white	**627619**	1/60	9	
anthracite	**627614**	1/60	9	
aluminium	**627660**	1/60	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Push-button, 4-gang plus

For System M.
With integrated bus coupling unit.
Push-button with 8 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.

Accessories: Labelling sheets for push-buttons, art. no. 618319/20.

Contents: With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**617444**	1/60	9	
polar white, glossy	**617419**	1/60	9	
active white, glossy	**617425**	1/60	9	
Thermoplastic classy matt				
white	**627844**	1/60	9	
polar white	**627819**	1/60	9	
anthracite	**627814**	1/60	9	
aluminium	**627860**	1/60	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Push-button, 4-gang plus with IR receiver

For System M.
With integrated bus coupling unit.
Push-button with 8 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.
The functions of each of the keys can be triggered using an IR remote control.
The push-button is pre-programmed for operation with a Merten IR remote control Distance. Many other IR remote controls (e.g. existing TV or CD player remote controls) can be taught into the push-buttons.

Accessories: Labelling sheets for multi-function push-button with IR receiver, art. no. 618419/20.
Transmitter: IR remote control Distance, art. no. 570222.

Contents: With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**617544**	1/60	9	
polar white, glossy	**617519**	1/60	9	
active white, glossy	**617525**	1/60	9	
Thermoplastic classy matt				
white	**627944**	1/60	9	
polar white	**627919**	1/60	9	
anthracite	**627914**	1/60	9	
aluminium	**627960**	1/60	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Push-button, 1-gang

Application module for System M.
Push-button with 2 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618319/20. Protective hood for plaster, System M, art. no. 627591...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**620844**	1/100	9	
polar white, glossy	**620819**	1/100	9	
active white, glossy	**620825**	1/100	9	
Thermoplastic classy matt				
white	**623344**	1/100	9	
polar white	**623319**	1/100	9	
anthracite	**623314**	1/100	9	
aluminium	**623360**	1/100	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Push-button, 2-gang

Application module for System M.
Push-button with 4 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618319/20. Protective hood for plaster, System M, art. no. 627591...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**620944**	1/100	9	
polar white, glossy	**620919**	1/100	9	
active white, glossy	**620925**	1/100	9	
Thermoplastic classy matt				
white	**623444**	1/100	9	
polar white	**623419**	1/100	9	
anthracite	**623414**	1/100	9	
aluminium	**623460**	1/100	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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Push-button, 4-gang

Application module for System M.
Push-button with 8 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618319/20. Protective hood for plaster, System M, art. no. 627591...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**621044**	1/100	9	
polar white, glossy	**621019**	1/100	9	
active white, glossy	**621025**	1/100	9	
Thermoplastic classy matt				
white	**623844**	1/100	9	
polar white	**623819**	1/100	9	
anthracite	**623814**	1/100	9	
aluminium	**623860**	1/100	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Multi-function push-button, 4-gang

Application module for System M.
Push-button with 8 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.

In KNX, to be completed with: Bus coupler, flush-mounted 2, art. no. 690299, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618319/20. Protective hood for plaster, System M, art. no. 627591...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**629144**	1/100	9	
polar white, glossy	**629119**	1/100	9	
active white, glossy	**629125**	1/100	9	
Thermoplastic classy matt				
white	**624144**	1/100	9	
polar white	**624119**	1/100	9	
anthracite	**624114**	1/100	9	
aluminium	**624160**	1/100	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Multi-function push-button, 4-gang with IR receiver

Application module for System M.
Push-button with 8 operating buttons, 8 status displays, labelling field and IR receiver.
All functions of the respective buttons can be controlled via IR remote control Distance.

In KNX, to be completed with: Bus coupler, flush-mounted 2, art. no. 690299, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for multi-function push-button with IR receiver, art. no. 618419/20. Protective hood for plaster, System M, art. no. 627591...
Transmitter: IR remote control Distance, art. no. 570222.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**629244**	1/100	9	
polar white, glossy	**629219**	1/100	9	
active white, glossy	**629225**	1/100	9	
Thermoplastic classy matt				
white	**624244**	1/100	9	
polar white	**624219**	1/100	9	
anthracite	**624214**	1/100	9	
aluminium	**624260**	1/100	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Labelling sheets for push-buttons

For individual labelling of the System M push-buttons with text or symbols.

To be completed with: System M push-button, 1-gang, 2-gang or 4-gang, art. no. 6171.., 6275.., 6208.., 6233.., 6172.., 6276.., 6209.., 6234.., 6174.., 6278.., 6210.., 6238.., 6291.., 6241...
Accessories: Labelling software, art. no. 615022.
Contents: 1 sheet for every 28 products.

Version	Art. no.	PU	PG	Info
polar white	**618319**	1/100	9	
silver	**618320**	1/100	9	



Labelling sheets for multi-function push-button with IR receiver

For individual labelling of the System M multi-function push-button with IR receiver.

To be completed with: System M multi-function push-button with IR receiver, art. no. 6175.., 6279.., 6292.., 6242...
Accessories: Labelling software, art. no. 615022.
Contents: 1 sheet for every 28 products.

Version	Art. no.	PU	PG	Info
polar white	**618419**	1/100	9	
silver	**618420**	1/100	9	

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Protective hood for plaster

For System M.
To protect push-buttons, rockers, room temperature control units and room controllers from contamination from painting and decorating work.

Accessories from: Push-button in System M design, art. no. 6208.., 6209.., 6210.., 6233.., 6234.., 6238... Multi-function push-button in System M design, art. no. 6232.., 6241.., 6242.., 6273.., 6291.., 6292... Rockers for push-button modules in System M design, art. no. 6191.., 6192.., 6193.., 6194.., 6195.., 6196.., 6197.., 6251.., 6252.., 6254.., 6255.., 6256.., 6257.., 6258... Room temperature control unit, flush-mounted/PI, in System M design, art. no. 6247.., 6259...

Note: When the protective hood for plaster is in place, the temperature measurement of the room temperature control unit is restricted.

Version	Art. no.	PU	PG	Info
	627591	10/160	9	



Multi-function push-button, 2-gang with room temperature control unit

Application module for System M.
Convenient control unit with 4 operating buttons, operating and status display and labelling field.
The operating display can also be used as an orientation light.
With room temperature control unit and display.

In KNX, to be completed with: Flush-mounted module for multi-function push-button with room temperature control unit, art. no. 623299.
Accessories: Labelling software, art. no. 615022. Protective hood for plaster, System M, art. no. 627591... Fan Coil actuator REG-K Art.-Nr. 645093.

Note: If you already have the labelling software, you can download the form for the multi-function push-button at www.merten.com. Use to label conventional foils (max. thickness 0.1 mm). For each device only one flat size 60 mounting box and one flush-mounted module are required.
Contents: Screw for protection against dismantling.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**627344**	1/17	9	
polar white, glossy	**627319**	1/17	9	
active white, glossy	**627325**	1/17	9	
Thermoplastic classy matt				
white	**623244**	1/17	9	
polar white	**623219**	1/17	9	
anthracite	**623214**	1/17	9	
aluminium	**623260**	1/17	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Multi-function push-button, 4-gang with room temperature control unit

Application module for M-PLAN.
Convenient control unit with 8 operating buttons, operating and status display and labelling field.
The operating display can also be used as an orientation light.
With room temperature control unit and display.
With integrated piezoelectric buzzer to display alarm states and IR receiver. All functions of the respective buttons can be controlled via IR remote control Distance.

In KNX, to be completed with: Flush-mounted module for multi-function push-button with room temperature control unit, art. no. 623299. Frame, 2-gang without central bridge piece in M-PLAN design, art. no. 5873...
Accessories: Labelling software, art. no. 615022. Fan Coil actuator REG-K Art.-Nr. 645093.
Transmitter: IR remote control Distance, art. no. 570222.

Note: If you already have the labelling software, you can download the form for the multi-function push-button at www.merten.com. Use to label conventional foils (max. thickness 0.1 mm). For each device only one flat size 60 mounting box and one flush-mounted module are required.
Contents: With screw for tamper-proofing, adhesive label, barrier covering the IR receiver.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**627444**	1/17	9	
polar white, glossy	**627419**	1/17	9	
active white, glossy	**627425**	1/17	9	
Thermoplastic classy matt				
white	**623644**	1/17	9	
polar white	**623619**	1/17	9	
anthracite	**623614**	1/17	9	
aluminium	**623660**	1/17	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Frame, 2-gang without central bridge piece

For M-PLAN.

To be completed with: Orientation sign, art. no. System M 5869.., 5871.., 5868.., 5872.., multi-function push-button, 4-gang, with room temperature control unit, art. no. System M 6236.., 6274...

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**587344**	2/96	1	
polar white	**587319**	2/96	1	
anthracite	**587314**	2/96	1.1	
aluminium	**587360**	2/96	1.1	



EIB push-button module, 1-gang

For System M.
Push-button module without rocker. With programmable status display.

In KNX, to be completed with: Rocker for push-button module, 1-gang, art. no. System M6191.., 6251... Rocker for push-button module, 1-gang, with 1/0 imprint, art. no. System M 6193.., 6254... Rocker for push-button module, 1-gang, with up/down arrow imprint, art. no. System M 6194.., 6255...

Version	Art. no.	PU	PG	Info
	625199	1/60	9	

Rocker for 1-gang push-button module

For System M.
The rocker is attached to the 1-gang push-button module.

In KNX, to be completed with: EIB push-button module, 1-gang, art. no. System M 625199.
Accessories: Protective hood for plaster, System M, art. no. 627591...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**619144**	1/150	9	
polar white, glossy	**619119**	1/150	9	
active white, glossy	**619125**	1/150	9	
Thermoplastic classy matt				
white	**625144**	1/150	9	
polar white	**625119**	1/150	9	
anthracite	**625114**	1/150	9	
aluminium	**625160**	1/150	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Rocker for 1-gang push-button module with 1/0 imprint

For System M.
The rocker is attached to the 1-gang push-button module.

In KNX, to be completed with: EIB push-button module, 1-gang, art. no. System M 625199.
Accessories: Protective hood for plaster, System M, art. no. 627591...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**619319**	1/150	9	
active white, glossy	**619325**	1/150	9	
Thermoplastic classy matt				
white	**625444**	1/150	9	
polar white	**625419**	1/150	9	
anthracite	**625414**	1/150	9	
aluminium	**625460**	1/150	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Rocker for 1-gang push-button module with up/down arrow imprint

For System M.
The rocker is attached to the 1-gang push-button module.

In KNX, to be completed with: EIB push-button module, 1-gang, art. no. System M 625199.
Accessories: Protective hood for plaster, System M, art. no. 627591...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**619419**	1/150	9	
active white, glossy	**619425**	1/150	9	
Thermoplastic classy matt				
white	**625544**	1/150	9	
polar white	**625519**	1/150	9	
anthracite	**625514**	1/150	9	
aluminium	**625560**	1/150	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



EIB push-button module, 2-gang

For System M.
Push-button module without rockers. With programmable status display.

In KNX, to be completed with: Rockers for 2-gang push-button module, art. no. System M 6192.., 6252... Rockers for push-button module, 2-gang, with 1/0 and up/down arrow imprint, art. no. System M 6195.., 6256... Rockers for push-button module, 2-gang, with up/down arrow and 1/0 imprint, art. no. System M 6196.., 6257... Rockers for push-button module, 2-gang, with up/down arrow imprint, art. no. System M 6197.., 6258...

Version	Art. no.	PU	PG	Info
	625299	1/60	9	



Rockers for 2-gang push-button module

For System M.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System M 568499.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System M 625299.
Accessories: Protective hood for plaster, System M, art. no. 627591...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**619244**	1/150	9	
polar white, glossy	**619219**	1/150	9	
active white, glossy	**619225**	1/150	9	
Thermoplastic classy matt				
white	**625244**	1/150	9	
polar white	**625219**	1/150	9	
anthracite	**625214**	1/150	9	
aluminium	**625260**	1/150	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

www.merten.com



Rockers for 2-gang push-button module with 1/0 and up/down arrow imprint

For System M.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System M 568499.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System M 625299.
Accessories: Protective hood for plaster, System M, art. no. 627591...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**619519**	1/150	9	
active white, glossy	**619525**	1/150	9	
Thermoplastic classy matt				
white	**625644**	1/150	9	
polar white	**625619**	1/150	9	
anthracite	**625614**	1/150	9	
aluminium	**625660**	1/150	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Rockers for 2-gang push-button module with up/down arrow and 1/0 imprint

For System M.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System M 568499.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System M 625299.
Accessories: Protective hood for plaster, System M, art. no. 627591...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**619619**	1/150	9	
active white, glossy	**619625**	1/150	9	
Thermoplastic classy matt				
white	**625744**	1/150	9	
polar white	**625719**	1/150	9	
anthracite	**625714**	1/150	9	
aluminium	**625760**	1/150	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Rockers for 2-gang push-button module with up/down arrow imprint

For System M.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System M 568499.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System M 625299.
Accessories: Protective hood for plaster, System M, art. no. 627591...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**619719**	1/150	9	
active white, glossy	**619725**	1/150	9	
Thermoplastic classy matt				
white	**625844**	1/150	9	
polar white	**625819**	1/150	9	
anthracite	**625814**	1/150	9	
aluminium	**625860**	1/150	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Blanking cover

For System M.
Screw-on cover for flush-mounted bus coupler or flush-mounted actuators.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099. Bus coupler, flush-mounted 2, art. no. 690299. Switch actuator, flush-mounted, art. no. 627099. Series actuator, flush-mounted, art. no. 627199. Blind actuator, flush-mounted, art. no. 627299. INSTABUS radio gateway, flush-mounted, art. no. 680999.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**662344**	1/100	9	
polar white, glossy	**662319**	1/100	9	
active white, glossy	**662325**	1/100	9	
Thermoplastic classy matt				
white	**662144**	1/100	9	
polar white	**662119**	1/100	9	
anthracite	**662114**	1/100	9	
aluminium	**662160**	1/100	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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Serial data interface, flush-mounted

Application module for System M.
To connect a programming or diagnostics device with an RS 232 interface to the KNX.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**686044**	1/50	9	
polar white, glossy	**686019**	1/50	9	
active white, glossy	**686025**	1/50	9	
Thermoplastic classy matt				
white	**681144**	1/50	9	
polar white	**681119**	1/50	9	
anthracite	**681114**	1/50	9	
aluminium	**681160**	1/50	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



ARGUS 180, flush-mounted

Application module for System M.
Movement detector for indoors.
When a movement is detected, a data telegram defined by the programming is transmitted.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**629044**	1/50	9	
polar white, glossy	**629019**	1/50	9	
active white, glossy	**629025**	1/50	9	
Thermoplastic classy matt				
white	**624344**	1/50	9	
polar white	**624319**	1/50	9	
anthracite	**624314**	1/50	9	
aluminium	**624360**	1/50	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



ARGUS 180 / 2.20 m, flush-mounted

Application module for System M.
Indoor movement detector with anti-crawl protection.
When a movement is detected, a data telegram defined by the programming is transmitted.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.

Contents: With cover segments to limit the area of detection.
Availability: Available August 2006.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**630344**	1/40	9	
polar white, glossy	**630319**	1/40	9	
active white, glossy	**630325**	1/40	9	
Thermoplastic classy matt				
white	**630244**	1/40	9	
polar white	**630219**	1/40	9	
anthracite	**630214**	1/40	9	
aluminium	**630260**	1/40	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Info display, flush-mounted

Application module for System M.
LC display with max. 4 x 16 characters and acoustic signalling device. The info display is used to indicate freely-programmable texts and values and to control functions.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099.

Note: The display tool software V2.0, art. no. 615046, for programming the flush-mounted info display is available on the Internet or on the Merten info CD.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**629844**	1/100	9	
polar white, glossy	**629819**	1/100	9	
active white, glossy	**629825**	1/100	9	
Thermoplastic classy matt				
white	**629444**	1/100	9	
polar white	**629419**	1/100	9	
anthracite	**629414**	1/100	9	
aluminium	**629460**	1/100	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Room temperature control unit, flush-mounted/PI

Application module for System M.
The device can be used for heating and cooling with infinitely adjustable KNX valve drives or to control switch actuators.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099.
Accessories: Protective hood for plaster, System M, art. no. 627591...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**625944**	1/50	9	
polar white, glossy	**625919**	1/50	9	
active white, glossy	**625925**	1/50	9	
Thermoplastic classy matt				
white	**624744**	1/50	9	
polar white	**624719**	1/50	9	
anthracite	**624714**	1/50	9	
aluminium	**624760**	1/50	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Components for Ritto TwinBus



Central plate for flush-mounted Ritto intercom system

For Ritto TwinBus.

With loudspeaker and microphone.

To be completed with: Push-button, 2-gang, System M, art. no. 6209.., 6234.. and the flush-mounted Ritto intercom system, art. no. 17136/00.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**534644**	1/100	8	
polar white, glossy	**534619**	1/100	8	
active white, glossy	**534625**	1/100	8	
Thermoplastic classy matt				
white	**534544**	1/100	8	
polar white	**534519**	1/100	8	
anthracite	**534514**	1/100	8	
aluminium	**534560**	1/100	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Push-button, 2-gang

Application module for System M.
Push-button with 4 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.

KNX software functions:
The push-buttons can be parameterised with different applications either as a pair (dual-surface) or individually (single-surface).
Single-surface: switching, pulse edge.
Dual-surface: switching, dimming, blind control, pulse edge.
In combination with flush-mounted actuator, additionally:
send value, send temperature values, disable buttons.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618319/20. Protective hood for plaster, System M, art. no. 627591...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**620944**	1/100	9	
polar white, glossy	**620919**	1/100	9	
active white, glossy	**620925**	1/100	9	
Thermoplastic classy matt				
white	**623444**	1/100	9	
polar white	**623419**	1/100	9	
anthracite	**623414**	1/100	9	
aluminium	**623460**	1/100	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Central plates for communications technology



Carrying frame with central plate for inserts in line with DIN 41524

Can also be used for command and signalling devices with one-hole fixing Ø 16 mm (e.g. Lumitas).
Second opening can be broken out.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**290344**	10/50	1	
polar white, glossy	**290319**	10/50	1	
active white, glossy	**290325**	10/50	1	
Thermoplastic classy matt				
white	**296444**	10/50	1	
polar white	**296419**	10/50	1	
Duroplastic, highly scratch-resistant				
white	**290544**	10/50	1	
polar white	**290519**	10/50	1	

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Central plate for light signal insert

To be completed with: Light signal E 10 insert, art. no. 319016.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**397644**	5/200	1	
polar white, glossy	**397619**	5/200	1	
active white, glossy	**397625**	5/200	1	
Thermoplastic classy matt				
white	**397844**	5/200	1	
polar white	**397819**	5/200	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for cable outlet

With carrying frame and strain relief.
With claw and screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**296344**	1/50	1	
polar white, glossy	**296319**	1/50	1	
active white, glossy	**296325**	1/50	1	
Thermoplastic classy matt				
white	**295644**	1/50	1	
polar white	**295619**	1/50	1	
anthracite	**295614**	1/50	1.1	
aluminium	**295660**	1/50	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

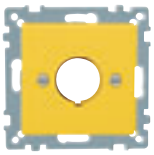


Central plate for command devices

One-hole fixing Ø 22.5 mm.
For Klöckner-Moeller, Lumitas, Square D etc. for example.
Without claws, for screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**393844**	5/120	1	
polar white, glossy	**393819**	5/120	1	
active white, glossy	**393825**	5/120	1	
Thermoplastic classy matt				
white	**393944**	5/120	1	
polar white	**393919**	5/120	1	
anthracite	**393914**	5/120	1.1	
aluminium	**393960**	5/120	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for emergency stop switch

One-hole fixing Ø 22.5 mm.
For Klöckner-Moeller, Lumitas, Square D etc. for example.
Without claws, for screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
yellow	**393803**	5/120	1	
Thermoplastic classy matt				
yellow	**393903**	5/120	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Blanking cover

Cover for relay, multiple control relay for roller shutters, buzzer, power booster, KNX binary input, flush-mounted/4x10 etc.
Can be used universally with mechanical machining (drilling, milling etc.)
Without claws, for screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**391644**	5/120	1	
polar white, glossy	**391619**	5/120	1	
active white, glossy	**391625**	5/120	1	
Thermoplastic classy matt				
white	**391844**	5/120	1	
polar white	**391819**	5/120	1	
anthracite	**391814**	5/120	1.1	
aluminium	**391860**	5/120	1.1	
Duroplastic, highly scratch-resistant				
white	**391744**	5/120	1	
polar white	**391719**	5/120	1	

Intermediate ring for combination inserts in line with DIN 49075

All standardised combination inserts in line with DIN 49075 can be integrated with this article.
For example, TAE, modular jack, data and communications systems from PANDUIT (PAN-NET), Ackermann WAE, WAEG, BTR etc.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**518544**	5/300	1	
polar white, glossy	**518519**	5/300	1	
active white, glossy	**518525**	5/300	1	
Thermoplastic classy matt				
white	**518144**	5/300	1	
polar white	**518119**	5/300	1	
anthracite	**518114**	5/300	1.1	
aluminium	**518160**	5/300	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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Intermediate ring with hinged lid for combination inserts in line with DIN 49075

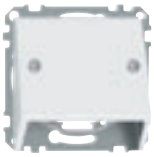
All standardised combination inserts in line with DIN 49075 can be integrated with this article. For example, TAE, modular jack, data and communications systems from PANDUIT (PAN-NET), Ackermann WAE, WAG, BTR etc.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**518644**	5/75	1	
polar white, glossy	**518619**	5/75	1	
active white, glossy	**518625**	5/75	1	
Thermoplastic classy matt				
white	**518244**	5/75	1	
polar white	**518219**	5/75	1	
anthracite	**518214**	5/75	1.1	
aluminium	**518260**	5/75	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Communications inserts

Technical Information: Communications inserts (⇒ p. 484)



Inclined outlet

For data connection and communications technology.
Order the associated inserts separately.

To be completed with: Communications inserts, art. no. System M and System Design 464379-99.
Technical Information: Inserts for inclined outlets (⇒ p. 486)
Contents: Without inserts.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**464944**	1/50	1	
polar white, glossy	**464919**	1/50	1	
active white, glossy	**464925**	1/50	1	
Thermoplastic classy matt				
white	**464644**	1/50	1	
polar white	**464619**	1/50	1	
anthracite	**464614**	1/50	1.1	
aluminium	**464660**	1/50	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Blanking insert

Can be used universally with mechanical machining (drilling, milling etc.)

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464380**	10/300	1	



Insert for D-type plug connectors, 9-pole

For two D-type plugs, 9-pole.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...
Accessories: D-type socket connector, 9-pole, art. no. 465009.

Version	Art. no.	PU	PG	Info
black	**464391**	10/300	1	



Insert for D-type plug connectors, 15-pole

For two D-type plugs, 15-pole.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...
Accessories: D-type socket connector, 15-pole, art. no. 465015.

Version	Art. no.	PU	PG	Info
black	**464392**	10/300	1	



Insert for D-type plug connectors, 25-pole

For two D-type plugs, 25-pole.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...
Accessories: D-type socket connector, 25-pole, art. no. 465025.

Version	Art. no.	PU	PG	Info
black	**464393**	10/300	1	



Insert for BNC/TNC sockets

For two BNC/TNC connectors Ø 12.5 mm or for BNC/TNC connectors Ø 9.5 mm.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...
Accessories: BNC socket Ø 12.5 mm, art. no. 465010.
Contents: With adjustment rings.

Version	Art. no.	PU	PG	Info
black	**464395**	10/300	1	



Insert for Twinax sockets

For two Twinax sockets Ø 19 mm.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464397**	10/300	1	

www.merten.com



Insert for modular jack connector Cat 5

For modular jack Cat 5, RJ 45 connector or AMP connector.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...
Accessories: Modular jack connector Cat 5, art. no. 465595.

Version	Art. no.	PU	PG	Info
black	**464399**	10/300	1	



Insert for modular jack connector

For two modular jack connectors Cat 3
For AMP or Thomas & Betts connectors.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...
Accessories: Modular jack connector Cat 3, art. no. 465516/18.

Version	Art. no.	PU	PG	Info
black	**464398**	10/300	1	



Insert for XLR audio plug-in socket

For XLR round connector audio plug-in socket from Binder, Cannon, Neutrik or similar.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464390**	10/300	1	



Insert for XLR audio plug

For XLR round connector audio plugs from Binder, Cannon, Neutrik or similar.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464389**	10/300	1	



Insert for IBM plug

For 4-pole IBM plug.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464379**	10/300	1	



Insert with high-end loudspeaker connector

For loudspeaker connections up to max. 10 mm².

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...
Contents: With two loudspeaker connectors, gold-plated contacts.

Version	Art. no.	PU	PG	Info
black	**464387**	5/150	1	



Insert for optical fibre ST connectors

For two optical fibre ST connectors.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464386**	10/300	1	



Insert for ACO mounting boxes

For AMP communications system insert.
Suitable for all adapter inserts.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464396**	10/300	1	



Insert for Thomas & Betts data communication connectors

For data connectors from Thomas & Betts and IBM inserts IBM ACS type G.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464394**	10/300	1	



Insert for IBM system ACS type Mini C

For two IBM Advanced Connectivity System (ACS) type Mini C modules.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464383**	10/300	1	



Insert for Duplex SC

For two Duplex SC connectors.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464381**	10/300	1	

www.merten.com



Insert for Reichle & De-Massari

For two Reichle & De Massari connection modules or additional R&M modules.
Information: http://www.rdm.com

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...
Accessories: Reichle & De-Massari connection module, unshielded, art. no. 465580/82. Reichle & De-Massari connection module, shielded, art. no. 465581/83. Reichle & De-Massari splash flange, art. no. 465591. Reichle & De-Massari splash sleeve, art. no. 465590.

Version	Art. no.	PU	PG	Info
black	**464384**	10/300	1	



Reichle & De-Massari connection module, unshielded

Connection with ICD clamping method (no equipment necessary).

To be completed with: Insert for Reichle & De-Massari, art. no. 464384.
Accessories: Reichle & De-Massari splash flange, art. no. 465591. Reichle & De-Massari splash sleeve, art. no. 465590.

Version	Art. no.	PU	PG	Info
Cat 5e, 1xRJ45/u	**465580**	2/100	1	
Cat 6, 1xRJ45/u	**465582**	2/100	1	



Reichle & De-Massari connection module, shielded

Connection with ICD clamping method (no equipment necessary).

To be completed with: Insert for Reichle & De-Massari, art. no. 464384.
Accessories: Reichle & De-Massari splash flange, art. no. 465591. Reichle & De-Massari splash sleeve, art. no. 465590.

Version	Art. no.	PU	PG	Info
Cat 5e, 1xRJ45/s	**465581**	2/100	1	
Cat 6, 1xRJ45/s	**465583**	2/100	1	

Telecommunications



Central plate with cable outlet for telephone connector VDo 4

For telephone connector VDo 4 or general cable outlet for cable diameters of max. 10 mm.
With strain relief.
Without claws, for screw fixing.

To be completed with: Telephone connector VDo 4, art. no. 465304.
Contents: With fixing screws for telephone connector VDo 4.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**296844**	5/90	1	
polar white, glossy	**296819**	5/90	1	
active white, glossy	**296825**	5/90	1	
Thermoplastic classy matt				
white	**295544**	5/90	1	
polar white	**295519**	5/90	1	
anthracite	**295514**	5/90	1.1	
aluminium	**295560**	5/90	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Telephone connector VDo 4

For central plate with cable outlet for telephone connector VDo 4.

To be completed with: Central plate with cable outlet for telephone connector VDo, art. no. System M 2968.., 2955.., System Basis 3925.., OCTOCOLOR 3927...

Version	Art. no.	PU	PG	Info
4-pole, white	**465304**	10/40	1	

Central plate for telephone socket-outlet TAE

For System M.
For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**296044**	5/150	1	
polar white, glossy	**296019**	5/150	1	
active white, glossy	**296025**	5/150	1	
Thermoplastic classy matt				
white	**297944**	5/150	1	
polar white	**297919**	5/150	1	
anthracite	**297914**	5/150	1.1	
aluminium	**297960**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



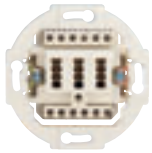
Telephone socket-outlet TAE, 1-gang

For the German market.

For connecting an analogue telephone.
With screw terminals.
1×6 F: 1 telephone

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
1x6 F, white	**465206**	10/50	1	



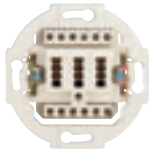
Telephone socket-outlet TAE, 3-gang

For the German market.

For connecting analogue telephones/ancillary units.
With screw terminals.
2×6/6 NF/F: 2 telephones, 1 ancillary unit
3×6 NFN: 1 telephone, 2 ancillary unit

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
2×6/6 NF/F, white	**465226**	10/50	1	
3x6 NFN, white	**465236**	10/50	1	



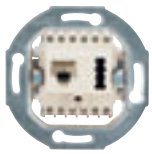
Telephone socket-outlet TDO 3x10

For the Austrian market.

For connecting analogue terminal units.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...Intermediate ring for combination inserts in line with DIN 49075, art. no. System M 5185.., 5181.., System Basis 5171.., System Design 5160.., OCTOCOLOR 5168...Intermediate ring with hinged lid for combination inserts in line with DIN 49075, art. no. System M 5186.., 5182.., System Basis 5174...
Can only be ordered via Merten in Vienna.

Version	Art. no.	PU	PG	Info
white	**465930**	1/1	1	

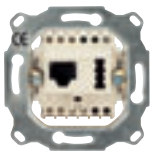


Combination socket-outlet RJ45/ TAE (Cat 3)

For connecting a telephone and an analogue or digital terminal unit via the 8-pole RJ45 connector.
With screw terminals.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Combination socket-outlet RJ45/TAE (Cat 3) (⇒ p. 483)

Version	Art. no.	PU	PG	Info
8(6)-6F+N, white	**465707**	1/60	1	



Line 21 Combination socket-outlet RJ45/TAE

With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (TAE) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for the connection of additional telephone socket-outlets.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Line 21 Combination socket-outlet RJ45/ TAE (⇒ p. 481)

Version	Art. no.	PU	PG	Info
8(6)-6F+N	**465709**	1/60	1	



Central plate for PTT connection boxes

Suitable for Dutch telephone sockets.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**291044**	5/150	1	
polar white, glossy	**291019**	5/150	1	
active white, glossy	**291025**	5/150	1	
Thermoplastic classy matt				
white	**290944**	5/150	1	
polar white	**290919**	5/150	1	
anthracite	**290914**	5/150	1.1	
aluminium	**290960**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Telephone socket insert, 8-pole

For French telephone plugs.
With screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**290219**	10/40	1	
Thermoplastic classy matt				
polar white	**290819**	10/40	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

www.merten.com



Telephone socket insert, 4-pole

For Swedish telephone plugs.
With screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**290019**	1/60	1	
active white, glossy	**290025**	1/60	1	
Thermoplastic classy matt				
polar white	**291419**	1/60	1	
anthracite	**291414**	1/60	1.1	
aluminium	**291460**	1/60	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



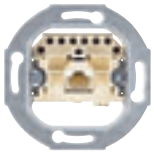
Central plate for RJ45 insert, 1-gang

For System M.
For RJ45 inserts 8 (Cat 5e), RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with:RJ45 insert 8, art. no. 465720.RJ45 insert 8 Cat 5e, art. no. 465721.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**296244**	10/120	1	
polar white, glossy	**296219**	10/120	1	
active white, glossy	**296225**	10/120	1	
Thermoplastic classy matt				
white	**298344**	10/120	1	
polar white	**298319**	10/120	1	
anthracite	**298314**	10/120	1.1	
aluminium	**298360**	10/120	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

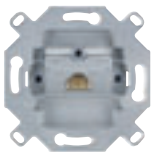


RJ45 insert 8

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962.., 2983.., System Basis 2917.., System Design 2918...

Version	Art. no.	PU	PG	Info
	465720	10/50	1	



RJ45 insert 8 Cat 5e

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962.., 2983.., System Basis 2917.., System Design 2918...

Version	Art. no.	PU	PG	Info
	465721	1/50	1	



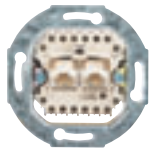
Central plate for RJ45 insert, 2-gang

For System M.
For RJ45 inserts 8/8, 2x8, Line 21 RJ45 insert 8/8, RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with:RJ45 insert 8/8, art. no. 465701.RJ45 insert 2x8, art. no. 465702.RJ45 insert 8/8 Cat 5e, art. no. 465703.RJ45 insert 8/8 Cat 6, art. no. 465706.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**296144**	10/120	1	
polar white, glossy	**296119**	10/120	1	
active white, glossy	**296125**	10/120	1	
Thermoplastic classy matt				
white	**298044**	10/120	1	
polar white	**298019**	10/120	1	
anthracite	**298014**	10/120	1.1	
aluminium	**298060**	10/120	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



RJ45 insert 8/8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 8/8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465701**	10/40	1	



Line 21 RJ45 insert 8/8

With integrated Line 21 technology.

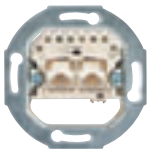
For connecting an analogue telephone/telecommunications system (RJ45, 8-pole) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for analogue telephony.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: Line 21 RJ45 insert 8/8 (⇒ p. 481)

Version	Art. no.	PU	PG	Info
	465708	1/60	1	

www.merten.com



RJ45 insert 2x8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors connected in parallel with bus-type cabling.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Technical Information: RJ45 insert 2x8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465702**	10/40	1	



RJ45 insert 8/8 Cat 5e

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465703**	1/50	1	



RJ45 insert 8/8 Cat 6

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465706**	1/50	1	



Central plate for RJ 11/RJ 45 insert, 1-gang

For System M.
For Lexcom modules.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**291519**	5/150	1	
active white, glossy	**291525**	5/150	1	
Thermoplastic classy matt				
polar white	**291119**	5/150	1	
anthracite	**291114**	5/150	1.1	
aluminium	**291160**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for RJ 11/RJ 45 insert, 2-gang

For System M.
For Lexcom modules.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**291619**	5/150	1	
active white, glossy	**291625**	5/150	1	
Thermoplastic classy matt				
polar white	**291219**	5/150	1	
anthracite	**291214**	5/150	1.1	
aluminium	**291260**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Data technology



Blanking cover for special communication/EDP version

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**461844**	10/180	1	
polar white, glossy	**461819**	10/180	1	
active white, glossy	**461825**	10/180	1	
Thermoplastic classy matt				
white	**460644**	10/180	1	
polar white	**460619**	10/180	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for D-type plug connectors, 9-pole

For D-type plug, 9-pole.
Without claws, for screw fixing.

Accessories: D-type socket connector, 9-pole, art. no. 465009.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**467644**	5/150	1	
polar white, glossy	**467619**	5/150	1	
active white, glossy	**467625**	5/150	1	
Thermoplastic classy matt				
white	**468144**	5/150	1	
polar white	**468119**	5/150	1	
anthracite	**468114**	5/150	1.1	
aluminium	**468160**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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D-type socket connector, 9-pole

Solder connection max. 0.6 mm².

To be completed with: Central plate for D-type subminiature connector, 9-pole, art. no. System M 4676.., 4681.., System Basis 4601...Insert for D-type subminiature connector, 9-pole, art. no. System M 464391, System Basis 461391, System Design 464391, OCTOCOLOR 463391.

Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
9-pole	**465009**	5/500	1	



Central plate for D-type plug connectors, 15-pole

For D-type plug, 15-pole.
Without claws, for screw fixing.

Accessories: D-type socket connector, 15-pole, art. no. 465015.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**467744**	5/150	1	
polar white, glossy	**467719**	5/150	1	
active white, glossy	**467725**	5/150	1	
Thermoplastic classy matt				
white	**468244**	5/150	1	
polar white	**468219**	5/150	1	
anthracite	**468214**	5/150	1.1	
aluminium	**468260**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



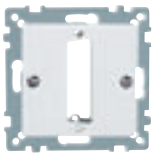
D-type socket connector, 15-pole

Solder connection max. 0.6 mm².

To be completed with: Central plate for D-type subminiature connector, 15-pole, art. no. System M 4677.., ,4682.., System Basis 4602...Insert for D-type subminiature connector, 15-pole, art. no. System M 464392, System Basis 461392, System Design 464392, OCTOCOLOR 463392.

Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
15-pole	**465015**	5/500	1	



Central plate for D-type plug connectors, 25-pole

For D-type plug, 25-pole.
Without claws, for screw fixing.

Accessories: D-type socket connector, 25-pole, art. no. 465025.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**467844**	5/150	1	
polar white, glossy	**467819**	5/150	1	
active white, glossy	**467825**	5/150	1	
Thermoplastic classy matt				
white	**468344**	5/150	1	
polar white	**468319**	5/150	1	
anthracite	**468314**	5/150	1.1	
aluminium	**468360**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



D-type socket connector, 25-pole

Solder connection max. 0.6 mm².

To be completed with: Central plate for D-type subminiature connector, 25-pole, art. no. System M 4678.., 4683.., System Basis 4603...Insert for D-type subminiature connector, 25-pole, art. no. System M 464393, System Basis 461393, System Design 464393, OCTOCOLOR 463393.

Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
25-pole	**465025**	5/500	1	



Central plate for BNC/TNC socket

For BNC socket Ø 12.5 mm

Accessories: BNC socket Ø 12.5 mm, art. no. 465010.

Contents: With 4 adjustment rings for connectors Ø 9.5 mm.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**469144**	10/50	1	
polar white, glossy	**469119**	10/50	1	
active white, glossy	**469125**	10/50	1	
Thermoplastic classy matt				
white	**468544**	10/50	1	
polar white	**468519**	10/50	1	
anthracite	**468514**	10/50	1.1	
aluminium	**468560**	10/50	1.1	
Duroplastic, highly scratch-resistant				
white	**468644**	10/50	1	
polar white	**468619**	10/50	1	



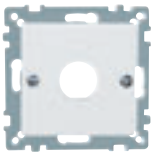
BNC connector Ø 12.5 mm

Crimp connection up to Ø 6 mm.

To be completed with: Central plate for BNC/TNC socket, art. no. System M 4691.., 4685.., 4686.., System Basis 4605...Insert for BNC/TNC sockets, art. no. System M 464395, System Basis 461395, System Design 464395, OCTOCOLOR 463395.

Version	Art. no.	PU	PG	Info
	465010	5/500	1	

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Central plate for Twinax socket

For Twinax socket Ø 19 mm.
Without claws, for screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**467944**	5/150	1	
polar white, glossy	**467919**	5/150	1	
active white, glossy	**467925**	5/150	1	
Thermoplastic classy matt				
white	**468744**	5/150	1	
polar white	**468719**	5/150	1	
anthracite	**468714**	5/150	1.1	
aluminium	**468760**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

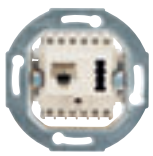
Central plate for telephone socket-outlet TAE

For System M.
For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**296044**	5/150	1	
polar white, glossy	**296019**	5/150	1	
active white, glossy	**296025**	5/150	1	
Thermoplastic classy matt				
white	**297944**	5/150	1	
polar white	**297919**	5/150	1	
anthracite	**297914**	5/150	1.1	
aluminium	**297960**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

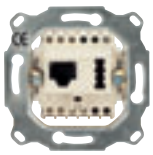


Combination socket-outlet RJ45/TAE (Cat 3)

For connecting a telephone and an analogue or digital terminal unit via the 8-pole RJ45 connector.
With screw terminals.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Combination socket-outlet RJ45/TAE (Cat 3) (⇒ p. 483)

Version	Art. no.	PU	PG	Info
8(6)-6F+N, white	**465707**	1/60	1	



Line 21 Combination socket-outlet RJ45/TAE

With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (TAE) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for the connection of additional telephone socket-outlets.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Line 21 Combination socket-outlet RJ45/TAE (⇒ p. 481)

Version	Art. no.	PU	PG	Info
8(6)-6F+N	**465709**	1/60	1	



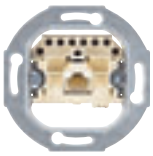
Central plate for RJ45 insert, 1-gang

For System M.
For RJ45 inserts 8 (Cat 5e), RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with:RJ45 insert 8, art. no. 465720.RJ45 insert 8 Cat 5e, art. no. 465721.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**296244**	10/120	1	
polar white, glossy	**296219**	10/120	1	
active white, glossy	**296225**	10/120	1	
Thermoplastic classy matt				
white	**298344**	10/120	1	
polar white	**298319**	10/120	1	
anthracite	**298314**	10/120	1.1	
aluminium	**298360**	10/120	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



RJ45 insert 8

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962.., 2983.., System Basis 2917.., System Design 2918...

Version	Art. no.	PU	PG	Info
	465720	10/50	1	



RJ45 insert 8 Cat 5e

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962.., 2983.., System Basis 2917.., System Design 2918...

Version	Art. no.	PU	PG	Info
	465721	1/50	1	



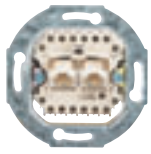
Central plate for RJ45 insert, 2-gang

For System M.
For RJ45 inserts 8/8, 2x8, Line 21 RJ45 insert 8/8, RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with:RJ45 insert 8/8, art. no. 465701.RJ45 insert 2x8, art. no. 465702.RJ45 insert 8/8 Cat 5e, art. no. 465703.RJ45 insert 8/8 Cat 6, art. no. 465706.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**296144**	10/120	1	
polar white, glossy	**296119**	10/120	1	
active white, glossy	**296125**	10/120	1	
Thermoplastic classy matt				
white	**298044**	10/120	1	
polar white	**298019**	10/120	1	
anthracite	**298014**	10/120	1.1	
aluminium	**298060**	10/120	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



RJ45 insert 8/8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 8/8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465701**	10/40	1	



Line 21 RJ45 insert 8/8

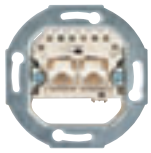
With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (RJ45, 8-pole) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for analogue telephony.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: Line 21 RJ45 insert 8/8 (⇒ p. 481)

Version	Art. no.	PU	PG	Info
	465708	1/60	1	



RJ45 insert 2x8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors connected in parallel with bus-type cabling.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 2x8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465702**	10/40	1	



RJ45 insert 8/8 Cat 5e

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465703**	1/50	1	



RJ45 insert 8/8 Cat 6

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465706**	1/50	1	

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Central plate for RJ 11/RJ 45 insert, 1-gang

For System M.
For Lexcom modules.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**291519**	5/150	1	
active white, glossy	**291525**	5/150	1	
Thermoplastic classy matt				
polar white	**291119**	5/150	1	
anthracite	**291114**	5/150	1.1	
aluminium	**291160**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for RJ 11/RJ 45 insert, 2-gang

For System M.
For Lexcom modules.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**291619**	5/150	1	
active white, glossy	**291625**	5/150	1	
Thermoplastic classy matt				
polar white	**291219**	5/150	1	
anthracite	**291214**	5/150	1.1	
aluminium	**291260**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for modular jack connector

For two modular jack connectors Cat 3.
For AMP or Thomas & Betts connectors.
Without claws, for screw fixing.

To be completed with: Modular jack connector Cat 3, art. no. 465516/18.
Technical Information: Data technology via central plate, art. no. 2929.., 2957.. (⇒ p. 488)
Contents: With sealing plug for one opening.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**290144**	5/150	1	
polar white, glossy	**290119**	5/150	1	
active white, glossy	**290125**	5/150	1	
Thermoplastic classy matt				
white	**295744**	5/150	1	
polar white	**295719**	5/150	1	
anthracite	**295714**	5/150	1.1	
aluminium	**295760**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



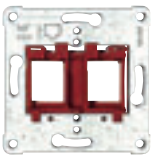
Central plate for modular jack connector with shut-off slide

Suitable for the supporting plates for modular jack connectors. With two openings and shut-off slide.

To be completed with: Supporting plate for modular jack connector, art. no. 4615...
Technical Information: Data technology via central plate, art. no. 4615.., 4617.. (⇒ p. 487)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**461944**	5/200	1	
polar white, glossy	**461919**	5/200	1	
active white, glossy	**461925**	5/200	1	
Thermoplastic classy matt				
white	**461744**	5/200	1	
polar white	**461719**	5/200	1	
anthracite	**461714**	5/200	1.1	
aluminium	**461760**	5/200	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Supporting plates for modular jack connector

Suitable for communication connectors.
Supporting plate (art. no. 461590) for Cat 3 modular jack connector and supporting plate (art. no. 461593) for Cat 5 modular jack connector.

To be completed with: Central plate for modular jack connector with shut-off slide, art. no. System M 4619.., 4617.., System Basis 4615...
Accessories: Modular jack connector Cat 3, art. no. 465516/18. Modular jack connector Cat 5, art. no. 465595.
Technical Information: Data technology via central plate, art. no. 4615.., 4617.. (⇒ p. 487)

Version	Art. no.	PU	PG	Info
red	**461590**	4/240	1	
transparent	**461591**	4/240	1	
black	**461592**	4/240	1	
yellow	**461593**	4/240	1	
green	**461594**	4/240	1	



Modular jack connector, Cat 3

WE Western type.
In line with US FCC 86, Cat 3.
Connection with IDC clamping method.

Pin configuration Telecom/ISDN modular jack/8-pole: 1a/4, 1b/5, 2a/3, 2b/6.

To be completed with: Supporting plate for modular jack connector, art. no. 461590.Insert for modular jack connector, art. no. System M 464398, System Basis 461398, System Design 464398, OCTOCOLOR 463398.Central plate for modular jack connector, art. no. System M 2901.., 2957.., System Basis 2929...

Version	Art. no.	PU	PG	Info
6-pole RJ 11/ Cat. 3, black	**465516**	5/250	1	
8-pole RJ 45/ Cat. 3, black	**465518**	5/250	1	

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Modular jack connector, Cat 5

WE Western type.
In line with US FCC 86, Cat 5.
Connection via LSA terminals.

To be completed with: Supporting plate for modular jack connector, art. no. 461593.Insert for modular jack connector, art. no. System M 464399, System Basis 461399, System Design 464399, OCTOCOLOR 463399.

Version	Art. no.	PU	PG	Info
8-pole RJ 45/ Cat. 5, black	**465595**	5/200	1	



Central plate for AMP-ACO

For AMP communications system insert.
Suitable for all adapter inserts.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**464044**	5/225	1	
polar white, glossy	**464019**	5/225	1	
active white, glossy	**464025**	5/225	1	
Thermoplastic classy matt				
white	**463944**	5/225	1	
polar white	**463919**	5/225	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

TV/audio



Loudspeaker socket-outlet insert

With 2 separate loudspeaker sockets in accordance with DIN 41529.
Second opening can be broken out.
With screw connections (up to 2.5 mm²).

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**296944**	10/50	1	
polar white, glossy	**296919**	10/50	1	
active white, glossy	**296925**	10/50	1	
Thermoplastic classy matt				
white	**297444**	10/50	1	
polar white	**297419**	10/50	1	
anthracite	**297414**	10/50	1.1	
aluminium	**297460**	10/50	1.1	
Duroplastic, highly scratch-resistant				
white	**295944**	10/50	1	
polar white	**295919**	10/50	1	

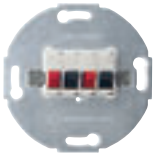
Central plate for telephone socket-outlet TAE

For System M.
For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**296044**	5/150	1	
polar white, glossy	**296019**	5/150	1	
active white, glossy	**296025**	5/150	1	
Thermoplastic classy matt				
white	**297944**	5/150	1	
polar white	**297919**	5/150	1	
anthracite	**297914**	5/150	1.1	
aluminium	**297960**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Loudspeaker connection insert, 2-gang

The poles are labelled in different colours.
Conductor cross-section up to max. 10 mm².
With quick plug-in terminals. With screw terminals on the back.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
polar white	**467019**	10/50	1	
anthracite	**467014**	10/50	1	



Central plate with high-end loudspeaker connector

For loudspeaker connections up to max. 10 mm².

Contents: With two loudspeaker connectors, gold-plated contacts.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**468844**	1/100	1	
polar white, glossy	**468819**	1/100	1	
active white, glossy	**468825**	1/100	1	
Thermoplastic classy matt				
white	**469344**	1/100	1	
polar white	**469319**	1/100	1	
anthracite	**469314**	1/100	1.1	
aluminium	**469360**	1/100	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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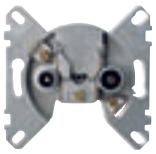
Central plate for antenna socket-outlets

For AEG, Astro, Bosch, Fuba, Hirschmann, Kathrein, Philips, Polytron, Siemens, Wisi, Zehnder etc. Third opening can be broken open for satellite socket.

To be completed with: Broadband cable/satellite through-way box, 2-gang, art. no. 466098.Broadband cable/satellite branch-circuit box, 2-gang, art. no. 466099.Satellite antenna socket-outlet, 3-gang, art. no. 466097.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**296744**	5/250	1	
polar white, glossy	**296719**	5/250	1	
active white, glossy	**296725**	5/250	1	
Thermoplastic classy matt				
white	**297544**	5/250	1	
polar white	**297519**	5/250	1	
anthracite	**297514**	5/250	1.1	
aluminium	**297560**	5/250	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



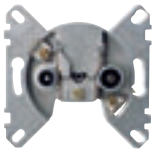
Broadband cable/satellite through-way box, 2-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Broadband directional coupler box for loop-through systems in broadband cable, communal aerial and satellite distribution systems.
Suitable for flush-mounted boxes of Ø 55-65 mm.
With claw and screw fixing.

To be completed with: Central plate for antenna socket-outlet, art. no. System M 2967.., 2975.., System Basis 2948.., System Design 2941.., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466098	1/54	1	



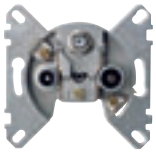
Broadband cable/satellite antenna branch-circuit box, 2-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Broadband directional coupler box for branch-circuit and star-type distribution systems in broadband cable, communal aerial and satellite distribution systems. With DC transmission via the TV connection. Suitable for flush-mounted boxes of Ø 55-65 mm.
With claw and screw fixing.
DC transmission: max. 24 V/400 mA
Signal: 22 kHz and DiSEqC

To be completed with: Central plate for antenna socket-outlet, art. no. System M 2967.., 2975.., System Basis 2948.., System Design 2941.., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466099	1/54	1	



Satellite antenna socket-outlet, 3-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Single satellite socket-outlet, 3-gang. For individual branch-circuit and star-type distribution systems in communal aerial and satellite distribution systems. With DC transmission via the satellite connection. Suitable for flush-mounted boxes of Ø 55-65 mm.
With claw and screw fixing.
DC transmission: max. 24 V/320 mA
Signal: 22 kHz and DiSEqC

To be completed with: Central plate for antenna socket-outlet, art. no. System M 2967.., 2975.., System Basis 2948.., System Design 2941.., OCTOCOLOR 2943...

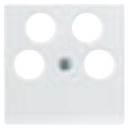
Version	Art. no.	PU	PG	Info
	466097	1/54	1	

Central plate for Hirschmann 4-gang antenna socket-outlets

The central plate must be completed with the 4-gang antenna socket-outlet, art. no. GEVU 15S or EVU 02F from Hirschmann.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**296644**	10/240	1	
polar white, glossy	**296619**	10/240	1	
active white, glossy	**296625**	10/240	1	
Thermoplastic classy matt				
white	**294244**	10/240	1	
polar white	**294219**	10/240	1	
anthracite	**294214**	10/240	1.1	
aluminium	**294260**	10/240	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for Ankaro 4-gang antenna socket-outlets

The central plate is to be completed with the 4-gang antenna socket-outlet (art. no. SAT 400 EAS DC) from Ankaro. Also suitable for antenna socket-outlet GUT 400 from Astro.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**296544**	10/240	1	
polar white, glossy	**296519**	10/240	1	
active white, glossy	**296525**	10/240	1	
Thermoplastic classy matt				
white	**295344**	10/240	1	
polar white	**295319**	10/240	1	
anthracite	**295314**	10/240	1.1	
aluminium	**295360**	10/240	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

www.merten.com



Central plate for BNC/TNC socket

For BNC socket Ø 12.5 mm

Accessories: BNC socket Ø 12.5 mm, art. no. 465010.
Contents: With 4 adjustment rings for connectors Ø 9.5 mm.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**469144**	10/50	1	
polar white, glossy	**469119**	10/50	1	
active white, glossy	**469125**	10/50	1	
Thermoplastic classy matt				
white	**468544**	10/50	1	
polar white	**468519**	10/50	1	
anthracite	**468514**	10/50	1.1	
aluminium	**468560**	10/50	1.1	
Duroplastic, highly scratch-resistant				
white	**468644**	10/50	1	
polar white	**468619**	10/50	1	



BNC connector Ø 12.5 mm

Crimp connection up to Ø 6 mm.

To be completed with: Central plate for BNC/TNC socket, art. no. System M 4691.., 4685.., 4686.., System Basis 4605...Insert for BNC/TNC sockets, art. no. System M 464395, System Basis 461395, System Design 464395, OCTOCOLOR 463395.

Version	Art. no.	PU	PG	Info
	465010	5/500	1	



Central plate for XLR audio plug connector

For XLR round connector audio plug-in socket from Binder, Cannon, Neutrik or similar.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**468044**	5/150	1	
polar white, glossy	**468019**	5/150	1	
active white, glossy	**468025**	5/150	1	
Thermoplastic classy matt				
white	**468944**	5/150	1	
polar white	**468919**	5/150	1	
anthracite	**468914**	5/150	1.1	
aluminium	**468960**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for XLR audio plug

For XLR round audio plug connectors from Binder, Cannon or similar.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**469044**	5/150	1	
polar white, glossy	**469019**	5/150	1	
active white, glossy	**469025**	5/150	1	
Thermoplastic classy matt				
white	**469444**	5/150	1	
polar white	**469419**	5/150	1	
anthracite	**469414**	5/150	1.1	
aluminium	**469460**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for EURO AV plug-in socket

SCART socket in line with DIN-EN 50049.

Connection between television and peripheral devices such as video recorder, satellite receiver, game console, video camera, PC etc.
Contacts with solder connections.

Contents: With socket and supporting plate for screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**468444**	5/120	1	
polar white, glossy	**468419**	5/120	1	
active white, glossy	**468425**	5/120	1	
Thermoplastic classy matt				
white	**469244**	5/120	1	
polar white	**469219**	5/120	1	
anthracite	**469214**	5/120	1.1	
aluminium	**469260**	5/120	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Signal and info covers



Multi-function clock

For System M.
Multi-function clock with simple and intuitive dual-key operation.
Functions:
- Display of time, date and inside temperature
- Alarm
- Countdown timer

Battery: 2 microcells (IEC LR 03, AAA)

Contents: With battery.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**561119**	1/60	8	
aluminium glossy	**561160**	1/60	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

www.merten.com



Radio thermometer

For System M.
The radio thermometer shows the inside and outside temperature. The transmission of the outside temperature is wireless.

Measuring range: -20 °C to 45 °C
Battery: 2 microcells (IEC LR 03, AAA)
Range: up to 30 m

Contents: With battery. With an external sensor and transmitter.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**561319**	1/40	8	
aluminium glossy	**561360**	1/40	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Memo box

For System M.
For recording up to 8 speech messages totalling 120 seconds. With simple dual-key operation (recording, listening).
An LED indicates that the device is ready to record; a second LED shows that a new message has been received.

Contents: With battery.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**561219**	1/60	8	
aluminium glossy	**561260**	1/60	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate with window

For LED light signal insert.
Use commercially available labelling sheets.
Pre-printed labelling sheets can also be ordered.
If you already have labelling software, you can download the form for the central plate at www.merten.com.

To be completed with: LED light signal insert, single-colour, art. no. System M 587090/91. LED light signal insert, two-colour, art. no. System M 587092/91.
Accessories: Labelling sheet set for LED light signal insert, art. no. 587095/96.
Note: The labelling software, art. no. 615022 is available for individual labelling.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**587444**	1/100	8	
polar white, glossy	**587419**	1/100	8	
active white, glossy	**587425**	1/100	8	
Thermoplastic classy matt				
white	**587044**	1/100	8	
polar white	**587019**	1/100	8	
anthracite	**587014**	1/100	8	
aluminium	**587060**	1/100	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



LED light signal insert, single-colour

Display unit with optional red or green illumination.
A two-way switch is used to control the light signal insert.

Supply voltage: AC 120 V-230 V / 60 Hz, 1.6 W
AC 150 V-230 V / 50 Hz, 1.3 W

To be completed with: Central plate with window, art. no. System M 5874.., 5870...
Note: Film strips with arrows can be used for left or right direction by turning them round.
Contents: 6 pre-printed films in negative print (lift with arrow, toilet with arrow, stairs downwards with arrow, stairs upwards with arrow, "EXIT" with arrow left, "EXIT" with arrow right).

Version	Art. no.	PU	PG	Info
green	**587090**	1/50	8	
red	**587091**	1/50	8	



LED light signal insert, two-colour

Display unit with red/green illumination.
The light signal insert is controlled via a roller shutter rocker switch. If both illuminated areas should light up simultaneously, a two-circuit switch must be used.

Supply voltage: AC 120 V-230 V / 60 Hz, 1.6 W
AC 150 V-230 V / 50 Hz, 1.3 W

To be completed with: Central plate with window, art. no. System M 5874.., 5870...
Contents: 5 pre-printed film strips in positive print (bell crossed through / chambermaid, "OCCUPIED/FREE", "BELEGT/FREI", "BITTE NICHT STÖREN/BITTE ZIMMER AUFRÄUMEN", "DO NOT DISTURB/ MAKE UP ROOM").

Version	Art. no.	PU	PG	Info
red/green	**587092**	1/50	8	



Rocker for two-circuit switch with imprint

Rocker with imprint of bell crossed through / chambermaid.

To be completed with: Roller shutter rocker switch insert with additional contact, art. no. 311502.Roller shutter rocker switch insert, art. no. 311501.Rocker switch insert, two-circuit, art. no. 311500, 311601, 315902.
Further motifs available on request.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**432644**	5/225	1	
polar white, glossy	**432619**	5/225	1	
active white, glossy	**432625**	5/225	1	
Thermoplastic classy matt				
white	**435644**	5/225	8	
polar white	**435619**	5/225	8	
anthracite	**435614**	5/225	1.1	
aluminium	**435660**	5/225	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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Labelling sheet set for LED light signal insert

Foils for LED light signal inserts and central plate with window.

To be completed with: Central plate with window, art. no. System M 5874.., 5870...

Note: Film strips with arrows can be used for left or right direction by turning them round.
Contents: 6 pre-printed films in negative print (lift with arrow, toilet with arrow, stairs downwards with arrow, stairs upwards with arrow, "EXIT" with arrow left, "EXIT" with arrow right). 5 pre-printed film strips in positive print (bell crossed through / chambermaid, "OCCUPIED/FREE", "BELEGT/FREI", "BITTE NICHT STÖREN/BITTE ZIMMER AUFRÄUMEN", "DO NOT DISTURB/MAKE UP ROOM").

Version	Art. no.	PU	PG	Info
positive print	**587095**	1/150	8	
Negative print	**587096**	1/150	8	



Bell push-button with LED displays

Electronic bell push-button with two LED displays, bell crossed through/chambermaid.
For use in hotels as a doorbell button on room doors. Triggering options for the two LED displays (Do not disturb - red LED; Make up room - green LED) via the corresponding switch insert and rocker for two-circuit switch with imprint. Any number of alternating current bells with a current consumption of 10-500 mA can be connected. The power supply comes from a commercially available safety transformer.
With short-circuit and overvoltage protection.
With screw terminals.
Input voltage: min. AC 6 V, max. AC 24 V (SELV)
Switching current: min. 10 mA, max. 500 mA
Connecting terminals: Screw terminals for 0.8-1.5 mm²

To be completed with: Roller shutter rocker switch insert, art. no. 311501.Rocker switch insert, art. no. 311601, 311502.Rocker for two-circuit switch with imprint, art. no. System M 4326..., 4356...

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**587644**	1/100	8	
polar white	**587619**	1/100	8	
anthracite	**587614**	1/100	8	
aluminium	**587660**	1/100	8	



Central plate for Häfele Dialock Merten WT

For the electronic locking system from Häfele.

To integrate Merten System M components into the Dialock identification and locking system from Häfele. The transponder technology makes it possible to open and close without contact and ensures optimum security even in the case of a lost key. Ideal for hotels and offices.

To be completed with: Dialock Merten WT wall terminal from Häfele, art. no. 917.21.200.

Note: Further information at www.dialock.de or www.haefele.de.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**587544**	1/150	8	
polar white	**587519**	1/150	8	
anthracite	**587514**	1/150	8	
aluminium	**587560**	1/150	8	



Merten Bed Side Panel Type A

Operating unit for the Merten Power Box for operating and controlling room functions. Specially designed for use in hotel rooms.
Central room lighting, room temperature and blind control. Integrated clock with alarm clock function. Illuminated background display showing the time and important status status displays. "Do not disturb" and "Service" button for indicator functions. Integrated loudspeaker for the clock alarm and external signals (e.g. doorbell).

Temperature range: -5 to +35 °C
Power supply: via a connecting cable to the Merten Power Box

To be completed with: Merten Power Box type AB, art. no. 570000.

Contents: Retaining brackets for installation in cavity wall sections.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
polar white	**570019**	1/2	8	
aluminium	**570060**	1/2	8	



Merten Bed Side Panel type B

Operating unit for the Merten Power Box for operating and controlling room functions. Specially designed for use in hotel rooms.
Central room lighting and room temperature control. Integrated clock with alarm clock function. Illuminated background display showing the time and important status status displays. "Do not disturb" button for indicator functions. Integrated loudspeaker for the clock alarm and external signals (e.g. doorbell).

Temperature range: -5 to +35 °C
Power supply: via a connecting cable to the Merten Power Box

To be completed with: Merten Power Box type AB, art. no. 570000.

Contents: Retaining brackets for installation in cavity wall sections.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
polar white	**570519**	1/2	8	
aluminium	**570560**	1/2	8	

www.merten.com



Merten Bed Side Panel type C

Operating unit for the Merten Power Box for operating and controlling room functions. Specially designed for use in hotel rooms.
Central room lighting control. Integrated clock with alarm clock function. Illuminated background display showing the time and important status status displays. "Do not disturb" button for indicator functions. Integrated loudspeaker for the clock alarm and external signals (e.g. doorbell).

Temperature range: -5 to +35 °C
Power supply: via a connecting cable to the Merten Power Box

To be completed with: Merten Power Box type C, art. no. 57100.
Contents: Retaining brackets for installation in cavity wall sections.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
polar white	**571019**	1/2	8	
aluminium	**571060**	1/2	8	



Merten Power Box type AB

A switch box for controlling room functions. Specially designed for use in hotel rooms.
Central electrical connection and control of lighting, blinds, air conditioning devices, indicator appliances and electric loads and circuits for typical applications in hotel rooms. The following functions are possible:
Lighting:
3 switchable circuits (room lighting/bathroom light/spare), 2 circuits which can be switched and dimmed (for bedside lamps), extension input, master "off", occupancy recognition, brief activation.
Air conditioning/heating:
fan coil control, 3-step, switched off when window open, frost protection function, occupancy recognition.
Room functions:
"Do not disturb" and "Service" signal, doorbell, TV release via occupancy recognition, reset when occupancy changes, occupancy signal.
The functions are operated via standard switches and via the Merten Bed Side Panel.

Temperature range: -5 to +35 °C
Supply voltage: 230 V/ 50 Hz/60 Hz
Specification of outputs: (max.): 1000 W, AC 230 V, cosS = 0.6
Dimmer outlets for ohmic loads: max. 300 W, AC 230 V

To be completed with: Merten Bed Side Panel type A or type B.

Version	Art. no.	PU	PG	Info
	570000	1/2	8	



Merten Power Box type C

A switch box for controlling room functions. Specially designed for use in hotel rooms.
Central electrical connection and control of lighting, blinds, air conditioning devices, indicator appliances and electric loads and circuits for typical applications in hotel rooms. The following functions are possible:
Lighting:
3 switchable circuits (room lighting/bathroom light/spare), 2 circuits which can be switched and dimmed (for bedside lamps), extension input, master "off", occupancy recognition, brief activation.
Room functions:
"Do not disturb" signal, doorbell, TV release via occupancy recognition, reset when occupancy changes, occupancy signal.
The functions are operated via standard switches and via the Merten Bed Side Panel.

Temperature range: -5 to +35 °C
Supply voltage: 230 V/ 50 Hz/60 Hz
Specification of outputs: (max.): 1000 W, AC 230 V, cosS = 0.6
Dimmer outlets for ohmic loads: max. 300 W, AC 230 V

To be completed with: Merten Bed Side Panel type C.

Version	Art. no.	PU	PG	Info
	571000	1/2	8	

Orientation signs

Orientation sign

Information sign for identifying rooms or routes. With protection against dismantling.

To be completed with: Frame, 2-gang without central bridge piece, for M-PLAN, art. no. 5873...
Accessories: Labelling software, art. no. 615022.
Note: If you already have the labelling software, you can download the form for the orientation sign at www.merten.com. Use commercially available foils for labelling.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**586844**	1/48	8	
polar white, glossy	**586819**	1/48	8	
active white, glossy	**586825**	1/48	8	
Thermoplastic classy matt				
white	**587244**	1/48	8	
polar white	**587219**	1/48	8	
anthracite	**587214**	1/48	8	
aluminium	**587260**	1/48	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Orientation sign, illuminated

Illuminated information sign (with LEDs) for identifying rooms or routes. With protection against dismantling.

To be completed with: Frame, 2-gang without central bridge piece, for M-PLAN, art. no. 5873...
To be completed with: Power supply, flush-mounted, art. no. 587199.
Accessories: Labelling software, art. no. 615022.

Note: If you already have the labelling software, you can download the form for the orientation sign at www.merten.com. Use commercially available foils for labelling.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**586944**	1/40	8	
polar white, glossy	**586919**	1/40	8	
active white, glossy	**586925**	1/40	8	
Thermoplastic classy matt				
white	**587144**	1/40	8	
polar white	**587119**	1/40	8	
anthracite	**587114**	1/40	8	
aluminium	**587160**	1/40	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Power supply, flush-mounted

Power supply for orientation sign, illuminated. It is controlled e.g. via a two-way switch, a radio receiver or via KNX switch actuators.

Supply voltage: AC 120 V-230 V / 60 Hz
AC 150 V-230 V / 50 Hz

To be completed with: Orientation sign, illuminated, art. no. System M 5869.., 5871...

Version	Art. no.	PU	PG	Info
	587199	1/60	8	



Frame, 2-gang without central bridge piece

For M-PLAN.

Dimensions: 85.8 x 159 mm (HxW)

To be completed with: Orientation sign, art. no. System M 5869.., 5871.., 5868.., 5872.., multi-function push-button, 4-gang, with room temperature control unit, art. no. System M 6236.., 6274...

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**587344**	2/96	1	
polar white	**587319**	2/96	1	
anthracite	**587314**	2/96	1.1	
aluminium	**587360**	2/96	1.1	

Visual call systems

- The central plates are compatible with all ZETTLER® visual call systems.
- For hospitals, homes for the elderly and disabled, clinics.

For completion with M-SMART, M-ARC and M-PLAN frames.

Central plate for VarioLine neutral

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**447319**	5/225	1	
active white, glossy	**447325**	5/225	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Central plate for VarioLine pull-cord switch

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**447419**	5/225	1	
active white, glossy	**447425**	5/225	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Central plate for VarioLine, 1 button

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**447519**	5/225	1	
active white, glossy	**447525**	5/225	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Central plate for VarioLine, 2 buttons

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**447619**	5/225	1	
active white, glossy	**447625**	5/225	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Central plate for VarioLine plugs and connectors

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**447719**	5/225	1	
active white, glossy	**447725**	5/225	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Central plate for VarioLine plugs and connectors, 1 button

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**447819**	5/225	1	
active white, glossy	**447825**	5/225	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Central plate for VarioLine plugs and connectors, 2 buttons

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**447919**	5/225	1	
active white, glossy	**447925**	5/225	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Visual call systems

Central plate for nurse call systems "clino com 95", "clino opt 99" and "clino com 21" by Ackermann.

- For hospitals, homes for the elderly and disabled, clinics.
- You can obtain the relevant inserts directly from Ackermann.

For completion with M-SMART, M-ARC and M-PLAN frames.

Central plate for bus terminal switch and empty unit

Corresponds to the Ackermann cover, order no. 88910 A3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**450019**	5/150	1	
active white, glossy	**450025**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for call module with call button

Corresponds to the Ackermann cover, order no. 88881 K3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**450119**	5/150	1	
active white, glossy	**450125**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for call module with call button and plug-in contact

Corresponds to the Ackermann cover, order no. 88881 L3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**450219**	5/150	1	
active white, glossy	**450225**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for call module with call button and plug-in contacts

Corresponds to the Ackermann cover, order no. 88881 J3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**450319**	5/150	1	
active white, glossy	**450325**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for call button

Corresponds to the Ackermann cover, order no. 88881 G3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**450419**	5/150	1	
active white, glossy	**450425**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

www.merten.com



Central plate for call button/ doctor call button

Corresponds to the Ackermann cover, order no. 88881 A3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**450519**	5/150	1	
active white, glossy	**450525**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for call button with plug-in contact

Corresponds to the Ackermann cover, order no. 88881 A3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**450619**	5/150	1	
active white, glossy	**450625**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Central plate for pull-cord switch

Corresponds to the Ackermann cover, order no. 88880 A3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**450719**	5/150	1	
active white, glossy	**450725**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for pneumatic call button

Corresponds to the Ackermann cover, order no. 88880 C3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**450819**	5/150	1	
active white, glossy	**450825**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Central plate for call unit as plug-in contact

Corresponds to the Ackermann cover, order no. 88911 B3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**450919**	5/150	1	
active white, glossy	**450925**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Central plate for call unit as plug-in contacts

Corresponds to the Ackermann cover, order no. 88911 C3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**451019**	5/150	1	
active white, glossy	**451025**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for call unit as a diagnostic/plug-in contact

Corresponds to the Ackermann cover, order no. 88912 E3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**451119**	5/150	1	
active white, glossy	**451125**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for call unit as plug-in diagnostic contact

Corresponds to the Ackermann cover, order no. 88912 A3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**451219**	5/150	1	
active white, glossy	**451225**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for call unit as plug-in diagnostic contacts

Corresponds to the Ackermann cover, order no. 88912 A3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**451319**	5/150	1	
active white, glossy	**451325**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for call/cutout button

Corresponds to the Ackermann cover, order no. 88882 A3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**451419**	5/150	1	
active white, glossy	**451425**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for cutout button, green

Corresponds to the Ackermann cover, order no. 88881 H3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**451519**	5/150	1	
active white, glossy	**451525**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for cutout button, yellow

Corresponds to the Ackermann cover, order no. 88881 M3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**451619**	5/150	1	
active white, glossy	**451625**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for cutout button

Corresponds to the Ackermann cover, order no. 88882 B3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**451719**	5/150	1	
active white, glossy	**451725**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for bus connection unit

Corresponds to the Ackermann cover, order no. 88911 J3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**451819**	5/150	1	
active white, glossy	**451825**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for study unit

Corresponds to the Ackermann cover, order no. 88882 C3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**452119**	5/150	1	
active white, glossy	**452125**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Central plate for radio unit

Corresponds to the Ackermann cover, order no. 88912 K3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**451919**	5/150	1	
active white, glossy	**451925**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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Central plate for station selection switch

Corresponds to the Ackermann cover, order no. 88912 H3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**452019**	5/150	1	
active white, glossy	**452025**	5/150	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Accessories



Symbols, rectangular

For rockers and switches with square opening.

Version	Art. no.	PU	PG	Info
neutral, white	**395500**	100/4000	1	
light, white	**395600**	100/4000	1	
door, white	**395700**	100/4000	1	
bell, white	**395800**	100/4000	1	
neutral, clear	**395569**	100/4000	1	
light, clear	**395669**	100/4000	1	
door, clear	**395769**	100/4000	1	
bell, clear	**395869**	100/4000	1	
neutral, red transp.	**395900**	100/4000	1	



Adapter

Inserts for System M can be integrated into System Design with the adapter.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**518444**	10/300	1	
polar white, glossy	**518419**	10/300	1	
vanilla	**518482**	10/300	1.2	
ice blue	**518488**	10/300	1.2	
light grey	**518429**	10/300	1.2	
midnight blue	**518478**	10/300	1.2	
dark brazil	**518415**	10/300	1.2	
black grey	**518469**	10/300	1.2	
aluminium	**518460**	10/300	1.2	
varnished stainless steel	**518446**	10/300	1.2	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Intermediate ring with hinged lid

Using the intermediate ring, System M inserts can be integrated into System Design with the normal construction height (e.g. TAE, UAE, socket-outlets etc.)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**516444**	5/120	1	
polar white	**516419**	5/120	1	
aluminium	**516460**	5/120	1.2	
metallic				
antique brass	**516443**	5/120	1.4	
stainless steel	**516446**	5/120	1.2	



Assortment of special screws

Additional, invisible screw fixing of OctoColor, System M or System Design frames.
The bearing plate of the rocker can be fixed with 2 screws on the base.

Contents: 10 screws.

Version	Art. no.	PU	PG	Info
	399898	10/1000	1	

Inserts for the M-SMART range can be found under "System M/ Inserts". We recommend using inserts in white, polar white and active white.

- **Thermoplastic brilliant:** Shatter-proof material with high gloss finish. The version "active white glossy" also contains an antibacterial substance.
- **Thermoplastic classy matt:** Shatter-proof material with high-quality matt finish.
- **Duroplastic, highly scratch-resistant:** Highly scratch-resistant material with glossy finish. Not all inserts are available in duroplastic, in these cases you should use thermoplastic brilliant.

Technical Information: System M dimensions (⇒ p. 422)

M-SMART frames

- Also suitable for installation in trunking systems.
- IP 44 in conjunction with splash-proof inserts, such as rocker art. no. 4330...

M-SMART frame, 1-gang

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**478144**	10/300	1	
polar white, glossy	**478119**	10/300	1	
active white, glossy	**478125**	10/300	1	
Thermoplastic classy matt				
white	**484144**	10/300	1	
polar white	**484119**	10/300	1	
Duroplastic, highly scratch-resistant				
white	**462144**	10/220	1	
polar white	**462119**	10/220	1	



M-SMART frame, 2-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**478244**	10/200	1	
polar white, glossy	**478219**	10/200	1	
active white, glossy	**478225**	10/200	1	
Thermoplastic classy matt				
white	**484244**	10/200	1	
polar white	**484219**	10/200	1	
Duroplastic, highly scratch-resistant				
white	**462244**	10/120	1	
polar white	**462219**	10/120	1	



M-SMART frame, 3-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**478344**	10/60	1	
polar white, glossy	**478319**	10/60	1	
active white, glossy	**478325**	10/60	1	
Thermoplastic classy matt				
white	**484344**	10/60	1	
polar white	**484319**	10/60	1	
Duroplastic, highly scratch-resistant				
white	**462344**	10/80	1	
polar white	**462319**	10/80	1	



M-SMART frame, 4-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**478444**	2/44	1	
polar white, glossy	**478419**	2/44	1	
active white, glossy	**478425**	2/44	1	
Thermoplastic classy matt				
white	**484444**	2/44	1	
polar white	**484419**	2/44	1	
Duroplastic, highly scratch-resistant				
white	**462444**	2/44	1	
polar white	**462419**	2/44	1	



M-SMART frame, 5-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**478544**	1/38	1	
polar white, glossy	**478519**	1/38	1	
active white, glossy	**478525**	1/38	1	
Thermoplastic classy matt				
white	**484544**	1/38	1	
polar white	**484519**	1/38	1	
Duroplastic, highly scratch-resistant				
white	**462544**	1/38	1	
polar white	**462519**	1/38	1	

M-SMART frames with labelling bracket

- Also suitable for installation in trunking systems.



M-SMART frame, 1-gang with labelling bracket

For clear labelling of inserts.
When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

Accessories: Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.
Contents: 1 labelling strip and 1 window per frame.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**470144**	2/176	1	
polar white, glossy	**470119**	2/176	1	
active white, glossy	**470125**	2/176	1	
Thermoplastic classy matt				
white	**474144**	2/176	1	
polar white	**474119**	2/176	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



M-SMART frame, 2-gang with labelling bracket, vertical installation

For clear labelling of inserts.
When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

Accessories: Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.
Contents: 2 labelling strips and 2 windows per frame.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**470244**	2/96	1	
polar white, glossy	**470219**	2/96	1	
active white, glossy	**470225**	2/96	1	
Thermoplastic classy matt				
white	**474244**	2/96	1	
polar white	**474219**	2/96	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



M-SMART frame, 3-gang with labelling bracket, vertical installation

For clear labelling of inserts.
When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

Accessories: Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.
Contents: 3 labelling strips and 3 windows per frame.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**470344**	2/64	1	
polar white, glossy	**470319**	2/64	1	
active white, glossy	**470325**	2/64	1	
Thermoplastic classy matt				
white	**474344**	2/64	1	
polar white	**474319**	2/64	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



M-SMART frame, 4-gang with labelling bracket, vertical installation

For the clear identification of inserts.
When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

Accessories: Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.
Contents: 4 labelling strips and 4 windows per frame.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**470444**	2/44	1	
polar white, glossy	**470419**	2/44	1	
active white, glossy	**470425**	2/44	1	
Thermoplastic classy matt				
white	**474444**	2/44	1	
polar white	**474419**	2/44	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



M-SMART frame, 5-gang with labelling bracket, vertical installation

For the clear identification of inserts.
When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

Accessories: Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.
Contents: 5 labelling strips and 5 windows per frame.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**470544**	1/38	1	
polar white, glossy	**470519**	1/38	1	
active white, glossy	**470525**	1/38	1	
Thermoplastic classy matt				
white	**474544**	1/38	1	
polar white	**474519**	1/38	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



M-SMART frame, 2-gang with labelling bracket, horizontal installation

For clear labelling of inserts.
When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

Accessories: Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.
Contents: 2 labelling strips and 2 windows per frame.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**471244**	2/96	1	
polar white, glossy	**471219**	2/96	1	
active white, glossy	**471225**	2/96	1	
Thermoplastic classy matt				
white	**473244**	2/96	1	
polar white	**473219**	2/96	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



M-SMART frame, 3-gang with labelling bracket, horizontal installation

For clear labelling of inserts.
When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

Accessories: Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.
Contents: 3 labelling strips and 3 windows per frame.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**471344**	2/64	1	
polar white, glossy	**471319**	2/64	1	
active white, glossy	**471325**	2/64	1	
Thermoplastic classy matt				
white	**473344**	2/64	1	
polar white	**473319**	2/64	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



M-SMART frame, 4-gang with labelling bracket, horizontal installation

For clear labelling of inserts.
When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

Accessories: Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.
Contents: 4 labelling strips and 4 windows per frame.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**471444**	2/44	1	
polar white, glossy	**471419**	2/44	1	
active white, glossy	**471425**	2/44	1	
Thermoplastic classy matt				
white	**473444**	2/44	1	
polar white	**473419**	2/44	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



M-SMART frame, 5-gang with labelling bracket, horizontal installation

For clear labelling of inserts.
When dismantling the frame and central plate, the labelling bracket stays on the insert. This ensures that the allocation of switches, socket-outlets or EIB components remains the same even after renovation.

Accessories: Labelling strips for M-SMART frame with labelling bracket, art. no. 484100.
Contents: 5 labelling strips and 5 windows per frame.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**471544**	1/38	1	
polar white, glossy	**471519**	1/38	1	
active white, glossy	**471525**	1/38	1	
Thermoplastic classy matt				
white	**473544**	1/38	1	
polar white	**473519**	1/38	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Labelling strips for M-SMART frame with labelling bracket

For individual labelling of the M-SMART frames with labelling option.

Accessories: Labelling software, art. no. 615022.
Contents: 1 sheet for 36 windows.

Version	Art. no.	PU	PG	Info
polar white	**484100**	1/100	1	

Surface-mounted housing for M-SMART, M1, ARTEC, OCTO-COLOR

- **Shatter-proof thermoplastic version.**
- Suitable mini trunking (15x15 mm) is supplied by the trunking manufacturer.

Technical Information: Surface-mounted housing dimensions (⇒ p. 441)



Surface-mounted housing, 1-gang

With enclosed base and guide slots for partition walls. 2 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**512144**	1/40	1.5	
polar white	**512119**	1/40	1.5	



Surface-mounted housing, 2-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**512244**	1/20	1.5	
polar white	**512219**	1/20	1.5	



Surface-mounted housing, 3-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**512344**	1/15	1.5	
polar white	**512319**	1/15	1.5	

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Cable entry

For cables and mini trunking.

Version	Art. no.	PU	PG	Info
white	**535162**	20/2000	1.5	
polar white	**535160**	20/2000	1.5	



Mini-trunking entry (15 mm)

For 15 x 15 mm ducts.

Version	Art. no.	PU	PG	Info
white	**535062**	10/1000	1.5	
polar white	**535060**	10/1000	1.5	

JUMBO, the big switch

The all-round functional switch, conspicuously large. Can replace any standard one-way or two-way switch.



Jumbo, the big switch

10 AX, AC 250 V

In M-SMART design.
In existing stand-alone devices such as on/off, two-way and intermediate switches from the Merten ranges, only frame and rocker must be exchanged for the JUMBO top unit.

Dimensions: 161x161x32 mm (HxWxD)

Contents: Complete device with two-way switch.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**433619**	1/6	1	

SCHUKO socket-outlets



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**239244**	10/40	1	
polar white, glossy	**239219**	10/40	1	
active white, glossy	**239225**	10/40	1	
Thermoplastic classy matt				
white	**230144**	10/40	1	
polar white	**230119**	10/40	1	
Duroplastic, highly scratch-resistant				
white	**230544**	10/40	1	
polar white	**230519**	10/40	1	



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

With screw terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**279244**	10/40	1	
polar white, glossy	**279219**	10/40	1	
active white, glossy	**279225**	10/40	1	
Thermoplastic classy matt				
white	**270144**	10/40	1	
polar white	**270119**	10/40	1	
Duroplastic, highly scratch-resistant				
white	**270344**	10/40	1	
polar white	**270319**	10/40	1	



SCHUKO double socket-outlet, flat design

16 A, AC 250 V, DIN 49440

For integration into a double mounting box.
With plug-in terminals.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**233644**	2/30	1	
polar white, glossy	**233619**	2/30	1	
active white, glossy	**233625**	2/30	1	
Thermoplastic classy matt				
white	**231344**	2/30	1	
polar white	**231319**	2/30	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



SCHUKO double socket-outlet

16 A, AC 250 V, DIN 49440

Suitable for a size 60 installation box.
With plug-in terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**239344**	5/30	1	
polar white, glossy	**239319**	5/30	1	
active white, glossy	**239325**	5/30	1	
Thermoplastic classy matt				
white	**231144**	5/30	1	
polar white	**231119**	5/30	1	
anthracite	**231114**	5/30	1.1	
aluminium	**231160**	5/30	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



SCHUKO double socket-outlet with increased protection against accidental contact

16 A, AC 250 V, DIN 49440

In M-SMART design.
Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Suitable for one size 60 mounting box.
With plug-in terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**239419**	5/30	1	
active white, glossy	**239425**	5/30	1	
Thermoplastic classy matt				
polar white	**232319**	5/30	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



SCHUKO double socket-outlet with increased protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
For oval mounting boxes (1 1/2) e.g. from Attema, HAF, Elko.
With plug-in terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**230744**	4/32	1	
polar white, glossy	**230719**	4/32	1	
Thermoplastic classy matt				
white	**231744**	4/32	1	
polar white	**231719**	4/32	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Combination SCHUKO socket-outlet/two-way switch

Suitable for size 60 mounting boxes.
SCHUKO socket-outlet: 16 A, AC 250 V, DIN 49440.
Two-way switch: 10 A, AC 250 V.
With screw terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**278344**	10/30	1	
polar white, glossy	**278319**	10/30	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Combination SCHUKO socket-outlet/two-circuit switch

Suitable for size 60 mounting boxes.
SCHUKO socket-outlet: 16 A, AC 250 V, DIN 49440.
Two-circuit switch: 10 A, AC 250 V.
With screw terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**278244**	10/30	1	
polar white, glossy	**278219**	10/30	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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Socket-outlets

Socket-outlet inserts for international markets.



Double socket-outlet with increased protection against accidental contact

In M-SMART design.
Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Suitable for one size 60 mounting box.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**214619**	5/30	1	
active white, glossy	**214625**	5/30	1	
Thermoplastic classy matt				
polar white	**211519**	5/30	1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Splash-proof - IP 44



Protective cover IP 44

With the protective cover System M socket-outlets can meet type of protection IP 44.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**478044**	5/40	2.1	
polar white, glossy	**478019**	5/40	2.1	
active white, glossy	**478025**	5/40	2.1	
anthracite glossy	**478014**	5/40	2.1	
aluminium glossy	**478060**	5/40	2.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

The inserts for the M-ARC range can be found under "System M/Inserts".

Thermoplastic classy matt: Shatter-proof material with high-quality matt finish.

Technical Information: System M dimensions (⇒ p. 422)

M-ARC frames

- Also suitable for installation in trunking systems.
- IP 44 in conjunction with splash-proof inserts, such as rocker art. no. 4330...

M-ARC frame, 1-gang

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**485144**	10/300	1	
polar white	**485119**	10/300	1	
sand	**485170**	2/176	1.1	
midnight blue	**485178**	2/176	1.1	
anthracite	**485114**	2/176	1.1	
aluminium	**485160**	2/176	1.1	



M-ARC frame, 2-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**485244**	10/160	1	
polar white	**485219**	10/160	1	
sand	**485270**	2/96	1.1	
midnight blue	**485278**	2/96	1.1	
anthracite	**485214**	2/96	1.1	
aluminium	**485260**	2/96	1.1	



M-ARC frame, 3-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**485344**	10/60	1	
polar white	**485319**	10/60	1	
sand	**485370**	2/64	1.1	
midnight blue	**485378**	2/64	1.1	
anthracite	**485314**	2/64	1.1	
aluminium	**485360**	2/64	1.1	



M-ARC frame, 4-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**485444**	2/44	1	
polar white	**485419**	2/44	1	
sand	**485470**	2/44	1.1	
midnight blue	**485478**	2/44	1.1	
anthracite	**485414**	2/44	1.1	
aluminium	**485460**	2/44	1.1	



M-ARC frame, 5-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**485544**	1/38	1	
polar white	**485519**	1/38	1	
sand	**485570**	1/38	1.1	
midnight blue	**485578**	1/38	1.1	
anthracite	**485514**	1/38	1.1	
aluminium	**485560**	1/38	1.1	

SCHUKO socket-outlets

Socket-outlet inserts for international markets.



SCHUKO double socket-outlet with increased protection against accidental contact

16 A, AC 250 V, DIN 49440

In M-ARC design.
Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Suitable for one size 60 mounting box.
With plug-in terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
polar white	**233219**	5/30	1	
anthracite	**233214**	5/30	1.1	
aluminium	**233260**	5/30	1.1	

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Socket-outlets

Socket-outlet inserts for international markets.



Double socket-outlet with increased protection against accidental contact

In M-ARC design.
Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Suitable for one size 60 mounting box.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
polar white	**211619**	5/30	1	
anthracite	**211614**	5/30	1.1	
aluminium	**211660**	5/30	1.1	

The inserts for the M-STAR range can be found under "System M/Inserts".

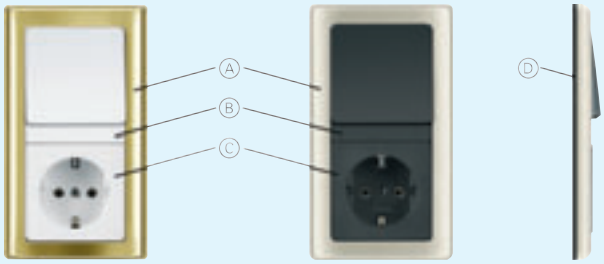
Metal: Metal frame in satin silver, chrome and polished brass. Central bridge piece and supporting frame in thermoplastic classy matt.

Technical Information: System M dimensions (⇒ p. 422)

M-STAR frames

Metal frame in satin silver, chrome and polished brass.

- Metal frame, central bridge piece and supporting frame form a unit in M-STAR. When ordering, ensure that the central bridge piece/supporting frame and inserts are the same colour.



Ⓐ Metal frame
Ⓑ Central bridge piece
Ⓒ Insert
Ⓓ Supporting frame



M-STAR frame, 1-gang

The metal frames in satin silver, chrome and polished brass are all available with supporting frames in different colours (white, polar white, anthracite).

Note: Take care when ordering that the carrier frame and insert are the same colour.

Version	Art. no.	PU	PG	Info
metallic				
satin silver/white	**467144**	2/176	1.1	
satin silver/polar white	**467119**	2/176	1.1	
satin silver/anthracite	**467114**	2/176	1.1	
chrome/white	**477144**	2/176	1.1	
chrome/polar white	**477119**	2/176	1.1	
chrome/anthracite	**477114**	2/176	1.1	
polished brass/white	**487144**	2/176	1.1	
polished brass/polar white	**487119**	2/176	1.1	
polished brass/anthracite	**487114**	2/176	1.1	



M-STAR frame, 2-gang

The metal frames in satin silver, chrome and polished brass are all available with central bridge piece/supporting frame in different colours (white, polar white, anthracite).
For vertical and horizontal installation.

Note: Take care when ordering that the central bridge piece/carrier frame and insert are the same colour.

Version	Art. no.	PU	PG	Info
metallic				
satin silver/white	**467244**	2/96	1.1	
satin silver/polar white	**467219**	2/96	1.1	
satin silver/anthracite	**467214**	2/96	1.1	
chrome/white	**477244**	2/96	1.1	
chrome/polar white	**477219**	2/96	1.1	
chrome/anthracite	**477214**	2/96	1.1	
polished brass/white	**487244**	2/96	1.1	
polished brass/polar white	**487219**	2/96	1.1	
polished brass/anthracite	**487214**	2/96	1.1	



M-STAR frame, 3-gang

The metal frames in satin silver, chrome and polished brass are all available with central bridge piece/supporting frame in different colours (white, polar white, anthracite).
For vertical and horizontal installation.

Note: Take care when ordering that the central bridge piece/carrier frame and insert are the same colour.

Version	Art. no.	PU	PG	Info
metallic				
satin silver/white	**467344**	2/64	1.1	
satin silver/polar white	**467319**	2/64	1.1	
satin silver/anthracite	**467314**	2/64	1.1	
chrome/white	**477344**	2/64	1.1	
chrome/polar white	**477319**	2/64	1.1	
chrome/anthracite	**477314**	2/64	1.1	
polished brass/white	**487344**	2/64	1.1	
polished brass/polar white	**487319**	2/64	1.1	
polished brass/anthracite	**487314**	2/64	1.1	

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The inserts for the M-PLAN real glass frames can be found under "System M/Inserts".

Glass: Safety glass with a thickness of 6 mm.

Technical Information: System M dimensions (⇒ p. 422)

M-PLAN real glass frames

- Safety glass 6 mm thick.



M-PLAN real glass frame, 1-gang

Version	Art. no.	PU	PG	Info
glass				
diamond	**489160**	1/88	1.1	
sapphire	**489178**	1/88	1.1	
ruby red	**489106**	1/88	1.1	
mahogany	**489115**	1/88	1.1	



M-PLAN real glass frame, 2-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
glass				
diamond	**489260**	1/48	1.1	
sapphire	**489278**	1/48	1.1	
ruby red	**489206**	1/48	1.1	
mahogany	**489215**	1/48	1.1	



M-PLAN real glass frame, 3-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
glass				
diamond	**489360**	1/32	1.1	
sapphire	**489378**	1/32	1.1	
ruby red	**489306**	1/32	1.1	
mahogany	**489315**	1/32	1.1	



M-PLAN real glass frame, 4-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
glass				
diamond	**489460**	1/22	1.1	
sapphire	**489478**	1/22	1.1	
ruby red	**489406**	1/22	1.1	
mahogany	**489415**	1/22	1.1	



M-PLAN real glass frame, 5-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
glass				
diamond	**489560**	1/22	1.1	
sapphire	**489578**	1/22	1.1	
ruby red	**489506**	1/22	1.1	
mahogany	**489515**	1/22	1.1	

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The inserts for the M-PLAN range can be found under "System M/Inserts".

Thermoplastic classy matt: Shatter-proof material with high-quality matt finish.

Technical Information: System M dimensions (⇒ p. 422)

M-PLAN frames

- IP 44 in conjunction with splash-proof inserts, such as rocker art. no. 4330...

M-PLAN frame, 1-gang

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**486144**	10/300	1	
polar white	**486119**	10/300	1	
anthracite	**486114**	2/176	1.1	
aluminium	**486160**	2/176	1.1	



M-PLAN frame, 2-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**486244**	10/160	1	
polar white	**486219**	10/160	1	
anthracite	**486214**	2/96	1.1	
aluminium	**486260**	2/96	1.1	



M-PLAN frame, 3-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**486344**	10/60	1	
polar white	**486319**	10/60	1	
anthracite	**486314**	2/64	1.1	
aluminium	**486360**	2/64	1.1	



M-PLAN frame, 4-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**486444**	2/44	1	
polar white	**486419**	2/44	1	
anthracite	**486414**	2/44	1.1	
aluminium	**486460**	2/44	1.1	



M-PLAN frame, 5-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**486544**	1/38	1	
polar white	**486519**	1/38	1	
anthracite	**486514**	1/38	1.1	
aluminium	**486560**	1/38	1.1	

M-PLAN frames, with labelling option

- Also suitable for installation in trunking systems.



M-PLAN frame, 1-gang, with labelling option

Accessories: Labelling strips for M-PLAN frames with labelling option, art. no. 486100.

Contents: 1 labelling strip and 1 window per frame.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**476144**	2/176	1	
polar white	**476119**	2/176	1	
anthracite	**476114**	2/176	1.1	
aluminium	**476160**	2/176	1.1	



M-PLAN frame, 2-gang with labelling option, vertical installation

- **Accessories:** Labelling strips for M-PLAN frames with labelling option, art. no. 486100.
- **Contents:** 2 labelling strips and 2 windows per frame.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**476244**	2/96	1	
polar white	**476219**	2/96	1	
anthracite	**476214**	2/96	1.1	
aluminium	**476260**	2/96	1.1	



M-PLAN frame, 3-gang for labelling, vertical installation

- **Accessories:** Labelling strips for M-PLAN frames with labelling option, art. no. 486100.
- **Contents:** 3 labelling strips and 3 windows per frame.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**476344**	2/64	1	
polar white	**476319**	2/64	1	
anthracite	**476314**	2/64	1.1	
aluminium	**476360**	2/64	1.1	



M-PLAN frame, 2-gang with labelling option, horizontal installation

- **Accessories:** Labelling strips for M-PLAN frames with labelling option, art. no. 486100.
- **Contents:** 2 labelling strips and 2 windows per frame.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**472244**	2/96	1	
polar white	**472219**	2/96	1	
anthracite	**472214**	2/96	1.1	
aluminium	**472260**	2/96	1.1	



M-PLAN frame, 3-gang with labelling option, horizontal installation

- **Accessories:** Labelling strips for M-PLAN frames with labelling option, art. no. 486100.
- **Contents:** 3 labelling strips and 3 windows per frame.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**472344**	2/64	1	
polar white	**472319**	2/64	1	
anthracite	**472314**	2/64	1.1	
aluminium	**472360**	2/64	1.1	



Labelling strips for M-PLAN frames with labelling option

For individual labelling of the M-PLAN frames with labelling option.

- **Accessories:** Labelling software, art. no. 615022.
- **Contents:** 1 sheet for 33 windows.

Version	Art. no.	PU	PG	Info
polar white/silver	**486100**	1/100	1	

SCHUKO socket-outlets

Socket-outlet inserts for international markets.



SCHUKO double socket-outlet with increased protection against accidental contact

16 A, AC 250 V, DIN 49440

In M-SMART design.
Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Suitable for one size 60 mounting box.
With plug-in terminals.

- **Contents:** Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**239419**	5/30	1	
active white, glossy	**239425**	5/30	1	
Thermoplastic classy matt				
polar white	**232319**	5/30	1	
anthracite	**232314**	5/30	1.1	
aluminium	**232360**	5/30	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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Socket-outlets

Socket-outlet inserts for international markets.



Double socket-outlet with increased protection against accidental contact

In M-SMART design.
Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Suitable for one size 60 mounting box.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**214619**	5/30	1	
active white, glossy	**214625**	5/30	1	
Thermoplastic classy matt				
polar white	**211519**	5/30	1	
anthracite	**211514**	5/30	1.1	
aluminium	**211560**	5/30	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

The inserts for M-PLAN II can be found under "System M/ Inserts".

Thermoplastic classy matt: Shatter-proof material with high-quality matt finish.

Technical Information: System M dimensions (⇒ p. 422)

M-PLAN II frames, flush-mounted

M-PLAN II frame, 1-gang, flush-mounted

For flush-mounting in walls.

To be completed with: Flush-mounting adapter for M-PLAN II frame, art. no. 512403.
Accessories: Concrete wall adapter, art. no. 512499.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
polar white	**488119**	10/180	1	
anthracite	**488114**	2/176	1.1	
aluminium	**488160**	2/176	1.1	



M-PLAN II frame, 2-gang, flush-mounted

For flush-mounting in walls.
For vertical and horizontal installation.

To be completed with: Flush-mounting adapter for M-PLAN II frame, art. no. 512503.
Accessories: Concrete wall adapter, art. no. 512599.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
polar white	**488219**	10/90	1	
anthracite	**488214**	2/96	1.1	
aluminium	**488260**	2/96	1.1	



M-PLAN II frame, 3-gang, flush-mounted

For flush-mounting in walls.
For vertical and horizontal installation.

To be completed with: Flush-mounting adapter for M-PLAN II frame, art. no. 512603.
Accessories: Concrete wall adapter, art. no. 512699.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
polar white	**488319**	10/60	1	
anthracite	**488314**	2/64	1.1	
aluminium	**488360**	2/64	1.1	

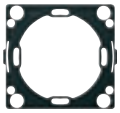


Flush-mounting adapter for M-PLAN II frame, flush-mounted

For flush-mounting of M-PLAN II frames. Placed on the existing mounting box.

To be completed with: M-PLAN II frame, art. no. 4881.., 4882.., 4883...
Accessories: Insertable plate, art. no. 512400.
Contents: Screws, 1 insertable plate per opening, protective cover for plaster.

Version	Art. no.	PU	PG	Info
for 4881..	**512403**	1/56	1	
for 4882..	**512503**	1/45	1	
for 4883..	**512603**	1/30	1	



Insertable plate

Plate for inserting in flush-mounted adapters for M-PLAN II frames, flush-mounted (art. no. 512403, 512503, 512603). For adjusting large differences in height.

Contents: 12 pieces.

Version	Art. no.	PU	PG	Info
black	**512400**	1/160	1	



Concrete wall adapter

For flush-mounting of M-PLAN II frames in exposed concrete walls. Placed on the panelling.

Version	Art. no.	PU	PG	Info
for 4881.., black	**512499**	10/180	1	
for 4882.., black	**512599**	10/90	1	
for 4883.., black	**512699**	10/60	1	

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SYSTEM DESIGN

GROUNDBREAKING IN FORM AND DESIGN

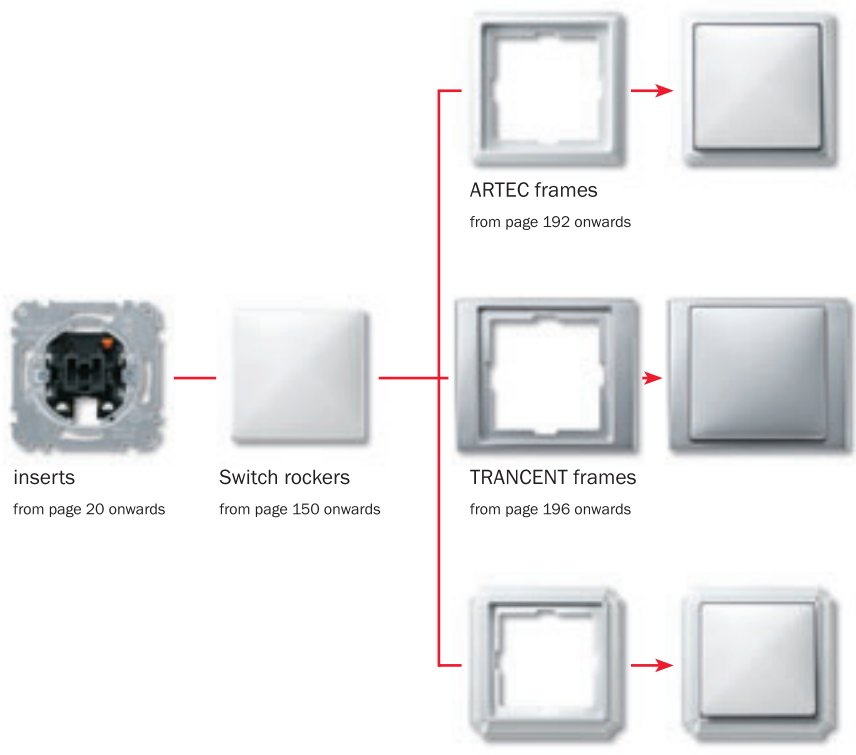


System Design allows you to offer your customers an attractive selection with very different designs, whether minimalist ARTEC, exclusive TRANCENT or classic ANTIK. All covers and central inserts are designed to fit all ranges. So it's easy to cater to individual requirements.

With over 125 functions, the three design variants provide a broad product range.

The system principle

Changing the switch range made easy: The System Design inserts fit all design variants. Just change the frames and the job is done.



TRANCENT:

DESIGN PLUS

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CONTENTS



ARTEC



TRANCENT



TRANCENT



ANTIK

150 SYSTEM DESIGN/INSERTS
150 Switch rockers
151 SCHUKO socket-outlets and accessories
154 Socket-outlets and accessories
156 Shaver sockets
157 Splash-proof – IP 44
157 Switches, time switches and central plates
159 Covers for dimmers
160 Roller shutter switches
161 Blind control system
164 CONNECT radio system
166 Movement detectors
167 Room temperature control units
168 KNX
175 Central plates for communications technology
177 Communications inserts
179 Telecommunications
182 Data technology
185 TV/audio
187 Visual call systems
189 Accessories

192 ARTEC/FRAMES
192 ARTEC frames
193 Surface-mounted housing for M-SMART, M1, ARTEC, OCTOCOLOR
194 SCHUKO socket-outlets
194 Socket-outlets
195 Accessories

196 TRANCENT/FRAMES
198 TRANCENT glass sensor covers
198 TRANCENT socket-outlets
199 TRANCENT cover foils
199 TRANCENT control electronics, 1-gang and inserts
202 TRANCENT two-circuit control electronics with insert
202 TRANCENT roller shutter control electronics and insert
202 KNX
202 Signal and info covers
203 Access control
203 TRANCENT frames

204 ANTIK/FRAMES
204 ANTIK frames

All inserts that fit ARTEC, TRANCENT and ANTIK frames can be found under "System Design/Inserts".

- Notes on materials: The articles in System Design are available in various materials. All versions are fully compatible with each other.

Thermoplastic brilliant: Shatter-proof material with high gloss finish.

Metal: Real metal surface or metallic finish. The "Antique brass" surface is hand-finished, which is a complex process. This can result in small variations in the surface appearance.

Duroplastic, highly scratch-resistant: Highly scratch-resistant material with glossy finish. Not all inserts are available in duroplastic, in these cases you should use thermoplastic brilliant.

Technical Information: System Design dimensions (⇒ p. 424)

Switch rockers

For completion with rocker switch inserts.

Rocker

For two-way switch, intermediate switch and push-button insert.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**412119**	10/120	1	
vanilla	**412182**	5/120	1.2	
ice blue	**412188**	5/120	1.2	
light grey	**412129**	5/120	1.2	
midnight blue	**412178**	5/120	1.2	
dark brazil	**412115**	5/120	1.2	
black grey	**412169**	5/120	1.2	
aluminium	**412160**	5/120	1.2	
metallic				
antique brass	**412143**	5/120	1.4	
stainless steel	**412146**	5/120	1.2	
Duroplastic, highly scratch-resistant				
white	**412194**	10/120	1	
polar white	**412199**	10/120	1	



Rocker marked 0/1

For 2- and 3-pole rocker switch insert.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**412219**	10/120	1	
vanilla	**412282**	5/120	1.2	
ice blue	**412288**	5/120	1.2	
light grey	**412229**	5/120	1.2	
midnight blue	**412278**	5/120	1.2	
dark brazil	**412215**	5/120	1.2	
black grey	**412269**	5/120	1.2	
aluminium	**412260**	5/120	1.2	
metallic				
stainless steel	**412246**	5/120	1.2	
Duroplastic, highly scratch-resistant				
white	**412294**	10/120	1	
polar white	**412299**	10/120	1	



Rocker for two-circuit switch

For two-way, double two-way switch and double push-button insert.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**412519**	10/120	1	
vanilla	**412582**	5/120	1.2	
ice blue	**412588**	5/120	1.2	
light grey	**412529**	5/120	1.2	
midnight blue	**412578**	5/120	1.2	
dark brazil	**412515**	5/120	1.2	
black grey	**412569**	5/120	1.2	
aluminium	**412560**	5/120	1.2	
metallic				
antique brass	**412543**	5/120	1.4	
stainless steel	**412546**	5/120	1.2	
Duroplastic, highly scratch-resistant				
white	**412594**	10/120	1	
polar white	**412599**	10/120	1	



Rocker with labelling field

For permanent labelling.
For two-way switch, intermediate switch and push-button.

Accessories: Labelling strips for switches, socket-outlets, art. no. 395019

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**412319**	5/120	1	
vanilla	**412382**	5/120	1.2	
ice blue	**412388**	5/120	1.2	
light grey	**412329**	5/120	1.2	
ruby red	**412306**	5/120	1.2	
midnight blue	**412378**	5/120	1.2	
dark brazil	**412315**	5/120	1.2	
black grey	**412369**	5/120	1.2	
aluminium	**412360**	5/120	1.2	
metallic				
antique brass	**412343**	5/120	1.4	
stainless steel	**412346**	5/120	1.2	
Duroplastic, highly scratch-resistant				
white	**412394**	5/120	1	
polar white	**412399**	5/120	1	

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Rocker with rectangular opening for symbols

For control switch and push-button insert.

Accessories: Symbols, rectangular, art. no. 395500/69, 395600/69, 395700/69, 395800/69, 395900.

Contents: For PU 5: 2 light, 1 door, 1 bell (clear), 5 neutral (red transparent). For PU 10: 4 light, 2 door, 2 bell (clear), 10 neutral (red transparent).

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**411819**	10/120	1	
vanilla	**411882**	5/120	1.2	
ice blue	**411888**	5/120	1.2	
light grey	**411829**	5/120	1.2	
midnight blue	**411878**	5/120	1.2	
dark brazil	**411815**	5/120	1.2	
black grey	**411869**	5/120	1.2	
aluminium	**411860**	5/120	1.2	
metallic				
antique brass	**411843**	5/120	1.4	
stainless steel	**411846**	5/120	1.2	
Duroplastic, highly scratch-resistant				
white	**411894**	10/120	1	
polar white	**411899**	10/120	1	



Rocker for heating emergency switch

With red inspection window and imprint "Heating emergency switch".

To be completed with: Rocker switch insert, art. no. 325200, 325600, 311300.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**413919**	5/120	1	
vanilla	**413982**	5/120	1.2	
ice blue	**413988**	5/120	1.2	
light grey	**413929**	5/120	1.2	
midnight blue	**413978**	5/120	1.2	
dark brazil	**413915**	5/120	1.2	
black grey	**413969**	5/120	1.2	
aluminium	**413960**	5/120	1.2	
metallic				
stainless steel	**413946**	5/120	1.2	
Duroplastic, highly scratch-resistant				
white	**413994**	5/120	1	
polar white	**413999**	5/120	1	

SCHUKO socket-outlets and accessories

- Most SCHUKO socket-outlets have plug-in terminals.
- All versions with screw terminals are described accordingly.
- Connecting terminals in accordance with VDE 0620 Part 1.

System Basis socket-outlet inserts can be integrated into System Design using adapters, art. no. 518044/19.



SCHUKO socket-outlet insert

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**237519**	10/100	1	
vanilla	**237582**	10/50	1.2	
ice blue	**237588**	10/50	1.2	
light grey	**237529**	10/50	1.2	
midnight blue	**237578**	10/50	1.2	
dark brazil	**237515**	10/50	1.2	
black grey	**237569**	10/50	1.2	
aluminium	**237560**	10/50	1.2	
metallic				
antique brass	**237543**	10/40	1.4	
stainless steel	**237546**	10/40	1.2	
Duroplastic, highly scratch-resistant				
white	**237594**	10/100	1	
polar white	**237599**	10/100	1	



SCHUKO socket-outlet insert with screw terminals

16 A, AC 250 V, DIN 49440

With screw terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**277519**	10/50	1	
aluminium	**277560**	10/50	1.2	
Duroplastic, highly scratch-resistant				
white	**277594**	10/50	1	



SCHUKO socket-outlet insert with improved protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With plug-in terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**237744**	10/50	1	
polar white	**237719**	10/50	1	
vanilla	**237782**	10/50	1.2	
ice blue	**237788**	10/50	1.2	
light grey	**237729**	10/50	1.2	
midnight blue	**237778**	10/50	1.2	
dark brazil	**237715**	10/50	1.2	
black grey	**237769**	10/50	1.2	
aluminium	**237760**	10/50	1.2	
metallic				
antique brass	**237743**	10/40	1.4	
stainless steel	**237746**	10/40	1.2	



SCHUKO socket-outlet insert with improved protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With screw terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**277719**	10/50	1	
metallic				
stainless steel	**277746**	10/40	1.2	



SCHUKO socket-outlet insert with labelling field

16 A, AC 250 V, DIN 49440

To be labelled with labelling strips.
With plug-in terminals.

Accessories: Labelling strips for switches, socket-outlets, art. no. 395019

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**237919**	10/50	1	
vanilla	**237982**	10/50	1.2	
ice blue	**237988**	10/50	1.2	
light grey	**237929**	10/50	1.2	
midnight blue	**237978**	10/50	1.2	
dark brazil	**237915**	10/50	1.2	
black grey	**237969**	10/50	1.2	
aluminium	**237960**	10/50	1.2	
metallic				
antique brass	**237943**	10/40	1.4	
stainless steel	**237946**	10/40	1.2	
Duroplastic, highly scratch-resistant				
white	**237994**	10/40	1	
polar white	**237999**	10/40	1	



SCHUKO socket-outlet insert with hinged lid and improved protection against accidental contact.

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
To be labelled with labelling strips.
With plug-in terminals.

Accessories: Labelling strips for switches, socket-outlets, art. no. 395019

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**230844**	10/50	1	
polar white	**230819**	10/50	1	
aluminium	**230860**	10/50	1.2	
metallic				
stainless steel	**230846**	10/40	1.2	



SCHUKO socket-outlet insert with hinged lid and improved protection against accidental contact.

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
To be labelled with labelling strips.
With screw terminals.

Accessories: Labelling strips for switches, socket-outlets, art. no. 395019

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**270644**	10/50	1	
polar white	**270619**	10/50	1	
aluminium	**270660**	10/50	1.2	
metallic				
stainless steel	**270646**	10/40	1.2	



SCHUKO socket-outlet insert with hinged lid

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**237219**	10/50	1	
vanilla	**237282**	10/50	1.2	
ice blue	**237288**	10/50	1.2	
light grey	**237229**	10/50	1.2	
midnight blue	**237278**	10/50	1.2	
dark brazil	**237215**	10/50	1.2	
black grey	**237269**	10/50	1.2	
aluminium	**237260**	10/50	1.2	
metallic				
antique brass	**237243**	10/40	1.4	
stainless steel	**237246**	10/40	1.2	
Duroplastic, highly scratch-resistant				
white	**237294**	10/40	1	
polar white	**237299**	10/40	1	

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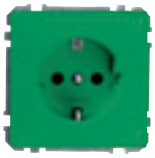


SCHUKO socket-outlet insert with hinged lid and improved protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With plug-in terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**237819**	10/50	1	
vanilla	**237882**	10/50	1.2	
ice blue	**237888**	10/50	1.2	
light grey	**237829**	10/50	1.2	
ruby red	**237806**	10/50	1.2	
midnight blue	**237878**	10/50	1.2	
dark brazil	**237815**	10/50	1.2	
black grey	**237869**	10/50	1.2	
aluminium	**237860**	10/50	1.2	
metallic				
antique brass	**237843**	10/40	1.4	
stainless steel	**237846**	10/40	1.2	
Duroplastic, highly scratch-resistant				
white	**237894**	10/50	1	



SCHUKO socket-outlet insert for special circuits

16 A, AC 250 V, DIN 49440

For SV (safety power supply) and ZSV (additional safety power supply).
With plug-in terminals.

Accessories: Labels for safety power supply, art. no. 539654/56.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
ruby red	**237506**	10/50	1.2	
SV, green	**237504**	10/50	1	
additional safety power supply, orange	**237502**	10/50	1	



Labels for safety power supply

Self-adhesive labels.
SV label (safety power supply) and ZSV label (additional safety power supply).

Contents: 1 item = 10 labels.

Version	Art. no.	PU	PG	Info
SV, green	**539656**	1/1000	1	
additional safety power supply, orange	**539654**	1/1000	1	



SCHUKO surge protection socket-outlet insert

16 A, AC 250 V, DIN 49440, DIN EN 61643-11

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Protects electronic devices against overvoltages.
With monitoring equipment and arrestor disconnector, optical functional display (green LED) and acoustic signal.
With screw terminals.
Rated discharge voltage: AC 250 V
Surge voltage (8/10): 4 kV
Protection level: <1.3 kV
Nominal current: 16 A

Contents: 2 labels with imprint "Surge protection" in black and white lettering.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**276744**	1/50	8	
polar white	**276719**	1/50	8	
aluminium	**276760**	1/50	8	
metallic				
varnished stainless steel	**276746**	1/50	8	



Surge protection module for socket-outlet combinations

For all combination SCHUKO flush-mounted socket-outlets.
Suitable for standard size 60 installation box.
It is advisable to clearly mark the cover of the relevant socket-outlet.

Mounting depth: 32 mm
Type of protection: Fine protection
Failure indication: Acoustic signal
Special features: Test function

Version	Art. no.	PU	PG	Info
	533498	1/50	8	



SCHUKO socket-outlet insert with two-way switch

Suitable for a size 60 mounting box.
With screw terminals.
Socket-outlet: 16 A, AC 250 V, DIN 49440
Two-way switch: 16 A, AC 250 V

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**272444**	10/50	1	
polar white	**272419**	10/50	1	

Socket-outlets and accessories

Socket-outlet inserts for international markets.

System Basis socket-outlet inserts can be integrated into System Design using adapters, art. no. 518044/19.



Socket-outlet insert with earthing pin and increased protection against accidental contact

16 A, AC 250 V, CEE 7 Standard Sheet V

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With screw terminals.
With claw and screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**284544**	10/50	1	
polar white	**284519**	10/50	1	
vanilla	**284582**	10/50	1.2	
ice blue	**284588**	10/50	1.2	
light grey	**284529**	10/50	1.2	
midnight blue	**284578**	10/50	1.2	
dark brazil	**284515**	10/50	1.2	
black grey	**284569**	10/50	1.2	
aluminium	**284560**	10/50	1.2	
metallic				
antique brass	**284543**	10/40	1.4	
stainless steel	**284546**	10/40	1.2	



Socket-outlet insert with earthing pin and hinged lid

16 A, AC 250 V, CEE 7 Standard Sheet V

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With screw terminals.
With claw and screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**287819**	10/50	1	
aluminium	**287860**	10/50	1.1	
metallic				
antique brass	**287843**	10/40	1.4	
stainless steel	**287846**	10/40	1.1	
Duroplastic, highly scratch-resistant				
white	**287894**	10/50	1	



Socket-outlet insert without earthing contact

16 A, AC 250 V, CEE 7 Standard Sheet I

With screw terminals.
With claw and screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**214519**	10/50	1	
vanilla	**214582**	10/50	1.2	
ice blue	**214588**	10/50	1.2	
light grey	**214529**	10/50	1.2	
midnight blue	**214578**	10/50	1.2	
dark brazil	**214515**	10/50	1.2	
black grey	**214569**	10/50	1.2	
aluminium	**214560**	10/50	1.2	
metallic				
antique brass	**214543**	10/40	1.4	
stainless steel	**214546**	10/40	1.2	
Duroplastic, highly scratch-resistant				
white	**214594**	10/40	1	
polar white	**214599**	10/40	1	



British Standard socket-outlet insert

13 A, AC 250 V, 2-pole + E

Improved protection against accidental contact in accordance with BS 1363.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**201919**	10/50	1	



British Standard socket-outlet insert, can be switched off

13 A, AC 250 V, 2-pole + E

With switch.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**202119**	10/50	1	



British Standard socket-outlet, can be switched off

15 A, AC 250 V, 2-pole + E

In ARTEC design.
Improved protection against accidental contact in accordance with BS 546.
With full cover plate and switch.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**202229**	10/40	1	



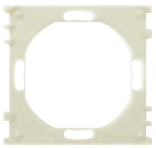
British Standard socket-outlet insert, can be switched off

13 A, AC 250 V, 2-pole + E

Improved protection against accidental contact in accordance with BS 1363.
With switch and control lamp.
Suitable for a size 60 mounting box.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**202444**	2/60	1	
polar white	**202419**	2/60	1	
metallic				
varnished antique brass	**202053**	2/60	1.4	
varnished stainless steel	**202446**	2/60	1.2	



Adapter plate for British Standard mounting box

For installation of the socket-outlet inserts in British Standard mounting boxes.

To be completed with: British Standard socket-outlet insert, art. no. 201219, 201919, 203219.British Standard socket-outlet insert, can be switched off, art. no. 2023.., 2025.., 2024.., 202053.Chinese socket-outlet insert, 2-pole, art. no. 201019, 201719, 203019.Chinese socket-outlet insert, 3-pole, art. no. 201119, 201819, 203119.Chinese socket-outlet insert with hinged lid, 3-pole, art. no. 241119.Chinese socket-outlet insert, 3-pole, art. no. 203819, 204619, 205119.Chinese double socket-outlet insert, 2-/3-pole, art. no. 203719, 204519, 205019.

Version	Art. no.	PU	PG	Info
white	**307001**	60/300	1	



Chinese socket-outlet insert, 2-pole

10 A, 250 V AC

Improved protection against accidental contact.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**201719**	10/50	1	



Chinese socket-outlet insert, 3-pole

10 A, 250 V AC

Improved protection against accidental contact.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**201819**	10/50	1	



Chinese double socket-outlet insert, 2-pole/3-pole

10 A/10 A, AC 250 V

Improved protection against accidental contact.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**204519**	10/50	1	



Chinese socket-outlet insert, 3-pole

16 A, AC 250 V

Improved protection against accidental contact.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**204619**	10/50	1	



Universal socket-outlet insert, 3-pole

13 A, AC 250 V

Improved protection against accidental contact.
For Euro plugs (2.5 A), British Standard plugs (13 A), Chinese 3-pole plugs (10 A), Chinese 2/3-pole plugs without earthing contact (10 A).
Not permitted for use with plugs with French/Belgian earthing contact and plugs conforming to DIN 49441 (e.g. SCHUKO® plugs).

Article available on request.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**205319**	10/40	1	



Potential equalisation socket-outlet insert

With two 1-pole, built-in plugs to DIN 42801.
Connecting terminal up to 6 mm².
Without claws, for screw fixing.

Accessories: Potential equalisation angled connector, art. no. 297190.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**297344**	10/50	1	
polar white	**297319**	10/50	1	
aluminium	**297360**	10/50	1.2	
metallic				
stainless steel	**297346**	10/40	1.2	



Potential equalisation angled connector

DIN 42801 part 2

Suitable for use as a potential equalisation socket-outlet insert.
Solder connection up to 6 mm².

To be completed with: Potential equalisation socket-outlet insert, art. no. System M 2904.., 2982.., 2906.., System Basis 2970.., System Design 2973.., OCTOCOLOR 2972...

Version	Art. no.	PU	PG	Info
	297190	10/500	1	

Shaver sockets



Shaver socket-outlet insert

IEC 742 / EN 60742

For Euro plugs and Chinese 2-contact plugs.
Secondary voltages can be tapped directly in two plug-in positions.
With screw terminals (up to 2.5 mm²).
For integration in conventional flush-mounted double boxes for cavity wall/flush-mounted boxes in accordance with DIN 49073, e.g. from Kaiser, art. no. 9062-77 (cavity wall) or art. no. 1656-02 (flush-mounted).

Primary: AC 230 V - 240 V, 50/60 Hz
Secondary: 20 VA, AC 115 V / 230 V - 240 V, 50/60 Hz

To be completed with: Central plate for shaver socket, art. no. System M 2136.., 2135.., System Design 2134...Fame 2-gang without central bridge piece, art. no. M-SMART 4788.., 4848.., M-ARC 4858.., M-STAR 4668.., 4768.., 4868.., M-PLAN 4888. M-PLAN glass 4878...Frame 2-gang without central bridge piece art. no. ARTEC 4818.., TRANCENT 482860, ANTIK 4838...

Version	Art. no.	PU	PG	Info
	213300	1/13	8	



Central plate for shaver socket

To be completed with: Shaver socket insert, art. no. 213300. Frame 2-gang without central bridge piece art. no. ARTEC 4818.., TRANCENT 482860, ANTIK 4838...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**213444**	2/96	8	
polar white	**213419**	2/96	8	
aluminium	**213460**	2/96	8	
metallic				
varnished stainless steel	**213446**	2/96	8	



ARTEC frame, 2-gang without central bridge piece

To be completed with: Shaver socket insert, art. no. 213300.

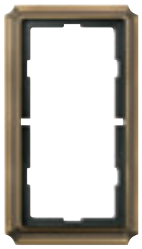
Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**481844**	10/200	1	
polar white	**481819**	10/200	1	
aluminium	**481860**	2/96	1.2	
metallic				
stainless steel	**481846**	2/96	1.2	



TRANCENT frame, 2-gang without central bridge piece

To be completed with: Shaver socket insert, art. no. 213300.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
aluminium	**482860**	2/102	1.7	



ANTIK frame, 2-gang without central bridge piece

To be completed with: Shaver socket insert, art. no. 213300.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**483844**	2/90	1.4	
polar white	**483819**	2/90	1.4	
metallic				
polished brass	**483821**	2/90	1.4	
antique brass	**483843**	2/90	1.4	

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Splash-proof - IP 44

Rocker

For two-way switch, intermediate switch and push-button insert.

Type of protection: IP 44 splash-proof

IP 44

Contents: Rocker with gasket set, 2-part.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**412019**	1/60	2.1	
aluminium	**412060**	1/60	2.1	
metallic				
stainless steel	**412046**	1/60	2.1	
Duroplastic, highly scratch-resistant				
white	**412094**	1/60	2.1	

Rocker with rectangular opening for symbols

For control switch and push-button insert.

Type of protection: IP 44 splash-proof

IP 44

Accessories: Symbols, rectangular, art. no. 395500/69, 395600/69, 395700/69, 395800/69, 395900.

Contents: Rocker with gasket set, 2-part. Symbols: 1 light, 1 bell (clear), 1 neutral (red transparent).

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**412719**	1/60	2.1	
aluminium	**412760**	1/60	2.1	
metallic				
stainless steel	**412746**	1/60	2.1	
Duroplastic, highly scratch-resistant				
white	**412794**	1/60	2.1	



SCHUKO socket-outlet insert with hinged lid and improved protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With plug-in terminals.
Type of protection: IP 44 splash-proof

IP 44

Contents: Socket-outlet with sealing ring.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**237019**	1/50	2.1	
aluminium	**237060**	1/50	2.1	
metallic				
stainless steel	**237046**	1/50	2.1	
Duroplastic, highly scratch-resistant				
white	**237094**	1/50	2.1	

Sealing ring for augmenting the level of protection to IP 44

The sealing ring allows System Design socket-outlets with hinged lids to satisfy IP 44 level of protection.

Version	Art. no.	PU	PG	Info
	515990	1/150	2.1	

Switches, time switches and central plates



Central plate for time switch insert, 15 min

To be completed with: Time switch insert, 15 min, art. no. 538000.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**538319**	1/100	8	
vanilla	**538382**	1/100	8	
ice blue	**538388**	1/100	8	
light grey	**538329**	1/100	8	
midnight blue	**538378**	1/100	8	
dark brazil	**538315**	1/100	8	
black grey	**538369**	1/100	8	
aluminium	**538360**	1/100	8	
metallic				
antique brass	**538343**	1/100	8	
stainless steel	**538346**	1/100	8	
Duroplastic, highly scratch-resistant				
white	**538394**	1/100	8	
polar white	**538399**	1/100	8	



Central plate for time switch insert, 120 min

To be completed with: Time switch insert, 120 min, art. no. 538200.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**538419**	1/100	8	
vanilla	**538482**	1/100	8	
ice blue	**538488**	1/100	8	
light grey	**538429**	1/100	8	
midnight blue	**538478**	1/100	8	
dark brazil	**538415**	1/100	8	
black grey	**538469**	1/100	8	
aluminium	**538460**	1/100	8	
metallic				
antique brass	**538443**	1/100	8	
stainless steel	**538446**	1/100	8	
Duroplastic, highly scratch-resistant				
white	**538494**	1/100	8	
polar white	**538499**	1/100	8	

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Time switch

For programmed and time-dependent switching of lamps.

Functions:

- 2 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Timer (autom. disconnection after set time)
- Manual operation possible at any time

Nominal voltage: AC 230 V / 50 Hz
Neutral conductor: required
Switching capacity: 1000 W incandescent lamps
750 W LV halogen with electr. transformers
750 VA conv. transformer
500 VA fluorescent lamps uncomp.
400 VA fluorescent lamps with parallel comp.
1000 VA fluorescent lamps, twin-lamp circuit
Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

Contents: Complete device. Without frame.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**584044**	1/10	8	
polar white	**584019**	1/10	8	
vanilla	**584082**	1/10	8	
ice blue	**584088**	1/10	8	
light grey	**584029**	1/10	8	
midnight blue	**584078**	1/10	8	
dark brazil	**584015**	1/10	8	
black grey	**584069**	1/10	8	
aluminium	**584060**	1/10	8	
metallic				
varnished antique brass	**584043**	1/10	8	
varnished stainless steel	**584046**	1/10	8	



Time switch with sensor connection

For programmed and time-dependent switching of lamps. Connection of a sun/twilight sensor is possible.
The sensor cable is connected with the time switch via the plug. Set brightness value of sun sensor approx. 20,000 lux.

Functions:

- 2 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Timer (autom. disconnection after set time)
- Manual operation possible at any time

Nominal voltage: AC 230 V / 50 Hz
Neutral conductor: required
Switching capacity: 1000 W incandescent lamps
750 W LV halogen with electr. transformers
750 VA conv. transformer
500 VA fluorescent lamps uncomp.
400 VA fluorescent lamps with parallel comp.
1000 VA fluorescent lamps, twin-lamp circuit
Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

Accessories: Sun/twilight sensor, art. no. 580691.
Contents: Complete device. Without frame.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**585044**	1/10	8	
polar white	**585019**	1/10	8	
vanilla	**585082**	1/10	8	
ice blue	**585088**	1/10	8	
light grey	**585029**	1/10	8	
midnight blue	**585078**	1/10	8	
dark brazil	**585015**	1/24	8	
black grey	**585069**	1/10	8	
aluminium	**585060**	1/10	8	
metallic				
varnished antique brass	**585043**	1/10	8	
varnished stainless steel	**585046**	1/10	8	



Two-way pull-cord switch insert

10 A, 250 V AC

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**416644**	10/50	1	
polar white	**416619**	10/50	1	

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Central plate for two-way maintained-contact switch insert

For standardised semi-cylindrical locks 40 mm long.

To be completed with: Two-way maintained-contact switch insert, art. no. 318601.
Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	**318624**	1/60	8	
polar white	**318618**	1/60	8	
aluminium	**318660**	1/60	8	
varnished stainless steel	**318646**	1/60	8	



Central plate for three-step rotary switch

To be completed with: Three-step rotary switch insert, art. no. 317400.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**316944**	1/100	8	
polar white	**316919**	1/100	8	
aluminium	**316960**	1/100	8	
metallic				
antique brass	**316943**	1/100	8	
stainless steel	**316946**	1/100	8	



Hotel keycard holder

Illuminated.

To be completed with: Rocker button insert for hotel keycard holder, art. no. 315800. Rocker switch insert, art. no. 315000, 315900, 315901.
Accessories: Neon lamp attachment with integrated lamp, art. no. 396502. Plug-in light attachment E 10, art. no. 396576. Neon lamp E 10, art. no. 395100. LED lamp E 10, art. no. 3951...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**315344**	1/100	1	
polar white	**315319**	1/100	1	
aluminium	**315360**	1/100	1.1	
metallic				
stainless steel	**315346**	1/100	1.1	



Central plate for fan switch

To be completed with: Fan switch insert, art. no. 317100.

Version	Art. no.	PU	PG	Info
metallic				
stainless steel	**316546**	1/100	1	

Covers for dimmers



Central plate for rotary dimmer inserts up to 600 VA

For System Design.

To be completed with: Dimmer insert, art. no. 572499, 572299, 572599, 577199, 572999, 573299.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**572019**	10/120	8	
vanilla	**572082**	5/120	8	
ice blue	**572088**	5/120	8	
light grey	**572029**	5/120	8	
midnight blue	**572078**	5/120	8	
dark brazil	**572015**	5/120	8	
black grey	**572069**	5/120	8	
aluminium	**572060**	5/120	8	
metallic				
antique brass	**572043**	5/120	8	
stainless steel	**572046**	5/120	8	
Duroplastic, highly scratch-resistant				
white	**572094**	5/120	8	
polar white	**572099**	5/120	8	



Central plate for rotary dimmer inserts up to 1000 VA

For System Design.

To be completed with: Dimmer insert, 900 W, for ohmic load, art. no. 572799.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**571744**	1/100	8	
polar white	**571719**	1/100	8	
vanilla	**571782**	1/100	8	
ice blue	**571788**	1/100	8	
light grey	**571729**	1/100	8	
midnight blue	**571778**	1/100	8	
dark brazil	**571715**	1/100	8	
black grey	**571769**	1/100	8	
aluminium	**571760**	1/100	8	
metallic				
varnished antique brass	**571743**	1/100	8	
varnished stainless steel	**571746**	1/100	8	

Sensor cover

For System Design.
Manual operation.
With short-stroke key.

To be completed with: Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension insert, art. no. 573999.
Technical Information: Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**573744**	1/100	8	
polar white	**573719**	1/100	8	
vanilla	**573782**	1/100	8	
ice blue	**573788**	1/100	8	
light grey	**573729**	1/100	8	
midnight blue	**573778**	1/100	8	
dark brazil	**573715**	1/100	8	
black grey	**573769**	1/100	8	
aluminium	**573760**	1/100	8	
metallic				
antique brass	**573743**	1/100	8	
stainless steel	**573746**	1/100	8	



TELE sensor cover

For System Design.
Can be manually operated and controlled remotely via IR remote control.
With short-stroke key.

To be completed with: Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension TELE insert, art. no. 573998.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**570944**	1/100	8	
polar white	**570919**	1/100	8	
vanilla	**570982**	1/100	8	
ice blue	**570988**	1/100	8	
light grey	**570929**	1/100	8	
midnight blue	**570978**	1/100	8	
dark brazil	**570915**	1/100	8	
black grey	**570969**	1/100	8	
aluminium	**570960**	1/100	8	
metallic				
antique brass	**570943**	1/100	8	
stainless steel	**570946**	1/100	8	



Push-button module, 2-gang

For System Design
Push-button module without rockers.
The push-button module is inserted onto the 2-gang universal dimmer insert (art. no. 568099), and is used together with the rockers for the 2-gang push-button module in the matching design.

To be completed with: Universal dimmer insert, 2-gang, art. no. 568099. Rockers for 2-gang push-button module, art. no. System Design 6262...

Version	Art. no.	PU	PG	Info
	568199	1/100	8	



Rockers for 2-gang push-button module

For System Design.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System Design 568199.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System Design 626299.
Accessories: Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**626244**	1/150	9	
polar white	**626219**	1/150	9	
aluminium	**626260**	1/150	9	
metallic				
varnished stainless steel	**626246**	1/150	9	

Roller shutter switches



Rocker for roller shutter switch and push-button

For roller shutter rocker switch and rocker button insert.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**411519**	5/120	1	
vanilla	**411582**	5/120	1.2	
ice blue	**411588**	5/120	1.2	
light grey	**411529**	5/120	1.2	
midnight blue	**411578**	5/120	1.2	
dark brazil	**411515**	5/120	1.2	
black grey	**411569**	5/120	1.2	
aluminium	**411560**	5/120	1.2	
metallic				
antique brass	**411543**	5/120	1.4	
stainless steel	**411546**	5/120	1.2	
Duroplastic, highly scratch-resistant				
white	**411594**	5/120	1	
polar white	**411599**	5/120	1	

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Central plate for momentary/ maintained-contact switch insert for roller shutters

To be completed with: Momentary/maintained-contact switch insert for roller shutters, art. no. 317200.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**319219**	1/100	1	
vanilla	**319282**	1/100	1.2	
ice blue	**319288**	1/100	1.2	
light grey	**319229**	1/100	1.2	
midnight blue	**319278**	1/100	1.2	
dark brazil	**319215**	1/100	1.2	
black grey	**319269**	1/100	1.2	
aluminium	**319260**	1/100	1.2	
metallic				
antique brass	**319243**	1/100	1.4	
stainless steel	**319246**	1/100	1.2	
Duroplastic, highly scratch-resistant				
white	**319294**	1/100	1	
polar white	**319299**	1/100	1	



Central plate for momentary/ maintained-contact switch inserts for roller shutters

For standardised semi-cylindrical locks 40 mm long.

To be completed with: Momentary/maintained-contact switch insert for roller shutters, art. no. 318501, roller shutter momentary-contact switch insert, art. no. 318901.
Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	**318524**	1/60	8	
polar white	**318518**	1/60	8	
aluminium	**318560**	1/60	8	

Blind control system

You can find a complete overview of all products and functions in the chapter "Blind control system".

Technical Information: Blind control system (⇒ p. 463)



Blind push-button

Operator button for blind/roller shutter motors. With electronic locking of blind control.

To be completed with: Blind control insert, art. no. 580698, 580699.
Technical Information: Blind push-button (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**584244**	1/100	8	
polar white	**584219**	1/100	8	
vanilla	**584282**	1/100	8	
ice blue	**584288**	1/100	8	
light grey	**584229**	1/100	8	
midnight blue	**584278**	1/100	8	
dark brazil	**584215**	1/100	8	
black grey	**584269**	1/100	8	
aluminium	**584260**	1/100	8	
metallic				
antique brass	**584243**	1/100	8	
stainless steel	**584246**	1/100	8	



Blind push-button with sensor connection

Operator button for blind/roller shutter motors. With electronic locking of blind control. Possible to connect sun sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind push-button with sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**584544**	1/100	8	
polar white	**584519**	1/100	8	
vanilla	**584582**	1/100	8	
ice blue	**584588**	1/100	8	
light grey	**584529**	1/100	8	
midnight blue	**584578**	1/100	8	
dark brazil	**584515**	1/100	8	
black grey	**584569**	1/100	8	
aluminium	**584560**	1/100	8	
metallic				
antique brass	**584543**	1/60	8	
stainless steel	**584546**	1/100	8	

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Blind push-button with memory function and sensor connection

Operator button for blind/roller shutter motors.
With electronic locking of blind control.
Possible to connect sun sensor.
The device uses a a memory function for the purpose of presence simulation to save a time for opening and a time for closing the blinds. Which are then repeated every 24 hours.

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind push-button with memory function and sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**584344**	1/100	8	
polar white	**584319**	1/100	8	
vanilla	**584382**	1/100	8	
ice blue	**584388**	1/100	8	
light grey	**584329**	1/100	8	
midnight blue	**584378**	1/100	8	
dark brazil	**584315**	1/100	8	
black grey	**584369**	1/100	8	
aluminium	**584360**	1/100	8	
metallic				
antique brass	**584343**	1/60	8	
stainless steel	**584346**	1/100	8	



Blind push-button with IR receiver and sensor connection

Operator button for blind/roller shutter motors.
Can be manually operated and controlled remotely via IR remote control. With electronic locking of blind control.
Possible to connect sun sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: Blind push-button with IR receiver and sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**584444**	1/60	8	
polar white	**584419**	1/60	8	
vanilla	**584482**	1/60	8	
ice blue	**584488**	1/60	8	
light grey	**584429**	1/60	8	
midnight blue	**584478**	1/60	8	
dark brazil	**584415**	1/60	8	
black grey	**584469**	1/60	8	
aluminium	**584460**	1/60	8	
metallic				
antique brass	**584443**	1/60	8	
stainless steel	**584446**	1/60	8	



Standard blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

To be completed with: Blind control insert, art. no. 580698, 580699.
Technical Information: Standard blind time switch (⇒ p. 466)
Note: In combination with the blind control insert and extension input, art. no. 580699, the extension input does not work.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**585944**	1/10	8	
polar white	**585919**	1/10	8	
aluminium	**585960**	1/10	8	
metallic				
varnished stainless steel	**585946**	1/10	8	



Blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

To be completed with: Blind control insert, art. no. 580698, 580699.
Technical Information: Blind time switch (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**584144**	1/10	8	
polar white	**584119**	1/10	8	
vanilla	**584182**	1/10	8	
ice blue	**584188**	1/10	8	
light grey	**584129**	1/10	8	
midnight blue	**584178**	1/10	8	
dark brazil	**584115**	1/10	8	
black grey	**584169**	1/10	8	
aluminium	**584160**	1/10	8	
metallic				
antique brass	**584143**	1/10	8	
varnished stainless steel	**584146**	1/10	8	

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Blind time switch with sensor connection

For programmed and time-dependent switching of blind/roller shutter motors.
Possible to connect sun/twilight sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind time switch with sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**585144**	1/10	8	
polar white	**585119**	1/10	8	
vanilla	**585182**	1/10	8	
ice blue	**585188**	1/10	8	
light grey	**585129**	1/10	8	
midnight blue	**585178**	1/10	8	
dark brazil	**585115**	1/10	8	
black grey	**585169**	1/10	8	
aluminium	**585160**	1/10	8	
metallic				
antique brass	**585143**	1/10	8	
varnished stainless steel	**585146**	1/10	8	

CONNECT radio system

You can find a complete overview of all radio functions and their functions in the chapter "CONNECT radio system".
The Merten CONNECT radio system is a bi-directional radio network. That means that all devices can transmit and receive signals simultaneously. It is possible so for example for signals to be routed or for alternative radio transmission paths to be searched for (e.g. during temporary faults).

There are two configuration methods:
- The EASY CONNECT method: For the connection of max. five devices which are in the direct vicinity of one and other (e.g. in one room). Configuration is carried out manually.
- Using the CONNECT radio configurator: For systems between different rooms with up to 100 devices and extensive functions (scenes, central switching function, switch times, individual key assignment).

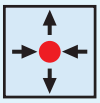
For both types of installation method a so called "system administrator" must always be integrated.

Properties:
- Secure transmission using frequency range 868 MHz
- Clear addressing enables interference-free operation of multiple radio systems side by side
- Very flexible installation and configuration
- No cable routing required, due to the use of battery-powered transmitters
- Extension of existing installations
- Implementation of groups, scene controlling options and central functions
- The extensive product spectrum covers all areas of application such as lighting control, roller shutter control, scene and heating control.
- Simple teaching in of freely programmable functions
- Extremely flat battery-powered push-button e.g. for attaching to glass
- Indoor transmission range: around 30 m (depending on place of installation and building characteristics such as materials and wall strengths)
- Range in free field: approximately 100 m

Explanation of symbols:



The device can assume the functions of the system administrator. We recommend you use only fixed devices as system administrator (e.g. CONNECT radio push-button, 1-gang).



The device has the routing function. It automatically relays signals and maintains fault-free operation.



The device transmits signals.



The device receives signals and switches accordingly e.g. light or roller shutter.

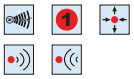


Z-Wave standard
The device is compatible with Z-wave products from other manufacturers.



CONNECT radio central unit, merten@home, colour

Central device with eight freely programmable operator buttons and 3.5" colour display for the central control and visualisation of a Merten CONNECT radio system. The user interface is merten@home.
Radio features: **System administrator, router**



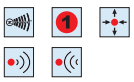
Accessories: Power supply, flush-mounted, art. no. 505599.
Transmitter: All transmitters of the Merten CONNECT radio system.
Receiver: All receivers of the Merten CONNECT radio system.
Note: A RJ45 connector suitable for field assembly is recommended for the Ethernet connection, e.g. FM45 from Reichle+De-Massari. The CONNECT radio configurator for the Merten CONNECT radio system is available via the Internet or on the Merten info CD.
Contents: With design frame.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
polar white	**505919**	1/1	8	
aluminium	**505960**	1/1	8	



CONNECT radio central unit, merten@home, monochrome

Central device with eight freely programmable operator buttons and 3.5" monochrome display for the central control and visualisation of a Merten CONNECT radio system. The user interface is merten@home.
Radio features: **System administrator, router**



Accessories: Power supply, flush-mounted, art. no. 505599.
Transmitter: All transmitters of the Merten CONNECT radio system.
Receiver: All receivers of the Merten CONNECT radio system.
Note: A RJ45 connector suitable for field assembly is recommended for the Ethernet connection, e.g. FM45 from Reichle+De-Massari. The CONNECT radio configurator for the Merten CONNECT radio system is available via the Internet or on the Merten info CD.
Contents: With design frame.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
polar white	**505019**	1/4	8	
aluminium	**505060**	1/4	8	



CONNECT radio universal remote control

20 channel radio remote control and IR remote control in a single device. For operating the radio receiver of the Merten CONNECT radio system and TV, VCR/DVD, SAT, AMP.
Radio features: **System administrator (see note)**

Receiver: All receivers of the Merten CONNECT radio system.
Note: The device can assume the features and characteristics of the system administrator. As it concerns a mobile device we recommend that you preferably select a fixed device as system administrator. Instead use for example a CONNECT radio push-button, 1-gang.
Contents: With battery. With a codes table for nearly all conventional devices, like TV, VCR, DVD, SAT, AUX, ...
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
black	**506922**	1/1	8	

CONNECT radio push-button, 1-gang

For System Design.
Battery-powered radio transmitter with 2 channels. For controlling the Merten CONNECT radio system's radio receiver.
Radio features: **System administrator**

Receiver: All receivers of the Merten CONNECT radio system.
Contents: Battery, retaining plate, double-sided adhesive strips, single-sided adhesive foils aluminium-coloured, screws, dowels.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**507144**	1/40	8	
polar white	**507119**	1/40	8	
aluminium	**507160**	1/40	8	
metallic				
varnished stainless steel	**507146**	1/40	8	



CONNECT radio push-button, 2-gang

For System Design.
Battery-powered radio transmitter with 4 channels. For controlling the Merten CONNECT radio system's radio receiver.
Radio features: **System administrator**

Receiver: All receivers of the Merten CONNECT radio system.
Contents: Battery, retaining plate, double-sided adhesive strips, single-sided adhesive foils aluminium-coloured, screws, dowels.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**507244**	1/40	8	
polar white	**507219**	1/40	8	
aluminium	**507260**	1/40	8	
metallic				
varnished stainless steel	**507246**	1/40	8	

CONNECT radio sensor cover for dimmer inserts

For System Design.
Operator button to toggle or switch/dim an output. Manual operation and remote control possible via Merten CONNECT radio system transmitters.
Radio features: **Router**

To be completed with: Universal super dimmer insert, art. no. 577099 from version 3A.
Transmitter: All transmitters of the Merten CONNECT radio system.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**504644**	1/100	8	
polar white	**504619**	1/100	8	
aluminium	**504660**	1/100	8	
metallic				
varnished stainless steel	**504646**	1/100	8	

CONNECT radio sensor cover, for switch inserts

For System Design.
Operator button for switching an output. Manual operation and remote control possible via Merten CONNECT radio system transmitters.
Radio features: **Router**

To be completed with: Relay switch insert, art. no. 576897. Electronic switch insert, art. no. 576799 from version 2A.
Transmitter: All transmitters of the Merten CONNECT radio system.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**504444**	1/100	8	
polar white	**504419**	1/100	8	
aluminium	**504460**	1/100	8	
metallic				
varnished stainless steel	**504446**	1/100	8	



CONNECT radio roller shutter push-button with sensor connection

For System Design.
Operating button for roller shutter motors. Manual operation and remote control possible via Merten CONNECT radio system transmitters. With electronic locking device.
Possible to connect sun/twilight sensor.
Radio features: **Router**

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Transmitter: All transmitters of the Merten CONNECT radio system.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**504544**	1/60	8	
polar white	**504519**	1/60	8	
aluminium	**504560**	1/60	8	
metallic				
varnished stainless steel	**504546**	1/60	8	

Movement detectors

Technical Information: ARGUS 180, flush-mounted (⇒ p. 505)



ARGUS 180 flush-mounted sensor module

For System Design.
Indoor movement detector.

Area of detection: 180°
Number of levels: 1
Number of zones: 14
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

To be completed with: Electronic switch insert, art. no. 576799.
Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Antique brass on request.
Note: Supersedes art. no. 5787 ..

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**578644**	1/60	8	
polar white	**578619**	1/60	8	
vanilla	**578682**	1/60	8	
ice blue	**578688**	1/60	8	
light grey	**578629**	1/60	8	
midnight blue	**578678**	1/60	8	
dark brazil	**578615**	1/60	8	
black grey	**578669**	1/60	8	
aluminium	**578660**	1/60	8	
metallic				
varnished stainless steel	**578646**	1/60	8	



ARGUS 180 flush-mounted sensor module with switch

For System Design.
Indoor movement detector.
With integrated switch for off/automatic/on.

Area of detection: 180°
Number of levels: 1
Number of zones: 14
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

To be completed with: Electronic switch insert, art. no. 576799.
Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Supersedes art. no. 5792 ..

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**579544**	1/60	8	
polar white	**579519**	1/60	8	
vanilla	**579582**	1/60	8	
ice blue	**579588**	1/60	8	
light grey	**579529**	1/60	8	
midnight blue	**579578**	1/60	8	
dark brazil	**579515**	1/60	8	
black grey	**579569**	1/60	8	
aluminium	**579560**	1/60	8	
metallic				
varnished stainless steel	**579546**	1/60	8	



Electronic switch insert

AC 230 V

For ohmic load such as incandescent lamps, 230 V halogen lamps.

Switching capacity: 40-300 W
Neutral conductor:not required (2 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: A maximum of two electronic switch inserts may be wired in parallel. The sensor cover with radio receiver for switch inserts, art. no. 5932.., 5933.. can be used from version 1A with the electronic switch insert, art. no. 576799. The insert from version 2A only, can be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
40-300 W	**576799**	1/50	8	

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Relay switch insert

AC 230 V

For ohmic and complex loads such as incandescent lamps, fluorescent lamps, energy-saving lamps, LV halogen lighting etc.

Switching capacity: 0-1000 VA
Capacitive load: max. 140 µF
Neutral conductor: required (3 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...

Technical Information: ARGUS flush-mounted overview (⇒ p. 506)

Note: Replace the relay switch insert, art. no. 576899.

Version	Art. no.	PU	PG	Info
0-1000 VA	**576897**	1/50	8	

Room temperature control units

Technical Information: Heating control (⇒ p. 489)



Central plate for room temperature control insert with switch

Range limiting integrated into setting knob.
Particularly flat design.

To be completed with: Room temperature control insert with switch, art. no. 536302, 536304.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**539744**	1/150	8	
polar white	**539719**	1/150	8	
vanilla	**539782**	1/150	8	
ice blue	**539788**	1/150	8	
light grey	**539729**	1/150	8	
midnight blue	**539778**	1/150	8	
dark brazil	**539715**	1/150	8	
black grey	**539769**	1/150	8	
aluminium	**539760**	1/150	8	
metallic				
antique brass	**539743**	1/150	8	
stainless steel	**539746**	1/150	8	



Room temperature control insert with switch

With thermal recirculation.
Fourth terminal for night economy.

To be completed with: Central plate for room temperature control unit with switch, art. no. System M 5348.., 5361.., System Basis 5385.., System Design 5397.., OCTOCOLOR 5391...

Contents: Room temperature control insert, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 10(4) A	**536302**	1/50	8	
AC 24 V, 1(1) A	**536304**	1/50	8	



Central plate for room temperature control insert with changeover contact

Range limiting integrated into setting knob.
Particularly flat design.

To be completed with: Room temperature control unit insert with changeover contact, art. no. 536400, 536401.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**537444**	1/150	8	
polar white	**537419**	1/150	8	
vanilla	**537482**	1/150	8	
ice blue	**537488**	1/150	8	
light grey	**537429**	1/150	8	
midnight blue	**537478**	1/150	8	
dark brazil	**537415**	1/150	8	
black grey	**537469**	1/150	8	
aluminium	**537460**	1/150	8	
metallic				
antique brass	**537443**	1/150	8	
stainless steel	**537446**	1/150	8	



Room temperature control insert with changeover contact

For electric underfloor heating if the additional heater has to be interlocked, air conditioning (cooling), valve drives (de-energised open or closed).
With thermal recirculation.

To be completed with: Central plate for room temperature control unit with changeover contact, art. no. System M 5347.., 5362.., System Basis 5365.., System Design 5374.., OCTOCOLOR 5364...

Contents: Room temperature control insert, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 5(2) A	**536400**	1/50	8	
AC 24 V, 1(1) A	**536401**	1/50	8	

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Central plate for floor thermostat insert with switch

Range limiting integrated into setting knob.
Particularly flat design.

To be completed with: Floor thermostat with switch, art. no. 537100.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**537544**	1/150	8	
polar white	**537519**	1/150	8	
vanilla	**537582**	1/150	8	
ice blue	**537588**	1/150	8	
light grey	**537529**	1/150	8	
midnight blue	**537578**	1/150	8	
dark brazil	**537515**	1/150	8	
black grey	**537569**	1/150	8	
aluminium	**537560**	1/150	8	
metallic				
antique brass	**537543**	1/150	8	
stainless steel	**537546**	1/150	8	



Floor thermostat insert with switch

With remote sensor on 4 m incoming lead, extendable with twin-core cable.

To be completed with: Central plate for floor thermostat insert with switch, art. no. System M 5349.., 5358.., System Basis 5371.., System Design 5375.., OCTOCOLOR 5372...

Contents: Room temperature control insert, remote sensor, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 10(4) A	**537100**	1/12	8	

KNX

Further product information can be found in chapter "KNX".

Technical Information: KNX system characteristics (⇒ p. 518)



Push-button, 1-gang plus

For System Design.
With integrated bus coupling unit.
Push-button with two operating buttons, operating display, two blue status displays which can be triggered separately, and a labelling field. The blue operating display can also be used as an orientation sign. The lower labelling field can be parameterised as an additional operating key.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.

Accessories: Labelling sheets for push-button plus art. no. 617819.

Contents: With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**628044**	1/60	9	
polar white	**628019**	1/60	9	
aluminium	**628060**	1/60	9	
metallic				
stainless steel	**628046**	1/60	9	



Push-button, 2-gang plus

For System Design.
With integrated bus coupling unit.
Push-button with four operating buttons, operating display, four blue status displays which can be triggered separately, and a labelling field. The blue operating display can also be used as an orientation sign. The lower labelling field can be parameterised as an additional operating key.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.

Accessories: Labelling sheets for push-button plus art. no. 617819.

Contents: With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**628144**	1/60	9	
polar white	**628119**	1/60	9	
aluminium	**628160**	1/60	9	
metallic				
stainless steel	**628146**	1/60	9	

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Push-button, 3-gang plus

For System Design.
With integrated bus coupling unit.
Push-button with six operating buttons, operating display, six blue status displays which can be triggered separately, and a labelling field. The blue operating display can also be used as an orientation sign. The lower labelling field can be parameterised as an additional operating key.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.

Accessories: Labelling sheets for push-button plus art. no. 617819.
Contents: With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**628244**	1/60	9	
polar white	**628219**	1/60	9	
aluminium	**628260**	1/60	9	
metallic				
stainless steel	**628246**	1/60	9	



Push-button, 4-gang plus

For System Design.
With integrated bus coupling unit.
Push-button with eight operating buttons, operating display, eight blue status displays which can be triggered separately, and a labelling field. The blue operating display can also be used as an orientation sign. The lower labelling field can be parameterised as an additional operating key.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.

Accessories: Labelling sheets for push-button plus art. no. 617819.
Contents: With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**628344**	1/60	9	
polar white	**628319**	1/60	9	
aluminium	**628360**	1/60	9	
metallic				
stainless steel	**628346**	1/60	9	



Push-button, 4-gang plus with IR receiver

For System Design.
With integrated bus coupling unit.
Push-button with eight operating buttons, operating display, eight blue status displays which can be triggered separately, and a labelling field. The blue operating display can also be used as an orientation sign. The lower labelling field can be parameterised as an additional operating key.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.
The functions of each of the keys can be triggered using an IR remote control.
The push-button is pre-programmed for operation with a Merten IR remote control Distance. Many other IR remote controls (e.g. existing TV or CD player remote controls) can be taught to the push-buttons.

Accessories: Labelling sheets for push-button plus art. no. 617819.
Transmitter: IR remote control Distance, art. no. 570222.
Contents: With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**628444**	1/60	9	
polar white	**628419**	1/60	9	
aluminium	**628460**	1/60	9	
metallic				
stainless steel	**628446**	1/60	9	

Labelling sheets for push-button plus

For individual labelling of the System Design push-button plus with text or symbols.

To be completed with: System Design push-button plus, art. no. 6280.., 6281.., 6282.., 6283.., 6284...
Accessories: Labelling software, art. no. 615022.
Contents: 1 sheet for 20 products.

Version	Art. no.	PU	PG	Info
	617819	1/100	9	



Multi-function push-button, 2-gang with room temperature control unit

Application module for System Design.
Convenient control unit with four operating buttons, operating display, four blue status displays which can be triggered separately, and a labelling field. The blue operating display can also be used as an orientation sign.
With room temperature control unit and display.

In KNX, to be completed with: Flush-mounted module for multi-function push-button with room temperature control unit, art. no. 623299.
Accessories: Labelling software, art. no. 615022. Fan Coil actuator REG-K Art.-Nr. 645093.

Note: If you already have the labelling software, you can download the form for the multi-function push-button at www.merten.com. Use to label conventional foils (max. thickness 0.1 mm).
Contents: Screw for protection against dismantling. With protective hood for plaster.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**628744**	1/17	9	
polar white	**628719**	1/17	9	
aluminium	**628760**	1/17	9	
metallic				
stainless steel	**628746**	1/17	9	



Multi-function push-button, 4-gang with room temperature control unit

Application module for System Design.
Convenient control unit with eight operating buttons, operating display, eight blue status displays which can be triggered separately, and a labelling field. The blue operating display can also be used as an orientation sign.
With room temperature control unit and display.
With integrated piezoelectric buzzer to display alarm states and IR receiver. All functions of the respective buttons can be controlled via IR remote control Distance.

In KNX, to be completed with: Flush-mounted module for multi-function push-button with room temperature control unit, art. no. 623299. ARTEC frame, 1.5-gang, art- no. 4819...
Accessories: Labelling software, art. no. 615022. Fan Coil actuator REG-K Art.-Nr. 645093.
Transmitter: IR remote control Distance, art. no. 570222.

Note: If you already have the labelling software, you can download the form for the multi-function push-button at www.merten.com. Use to label conventional foils (max. thickness 0.1 mm). For each device only one flat size 60 mounting box and one flush-mounted module are required.
Contents: With screw for tamper-proofing, adhesive label, barrier covering the IR receiver. With protective hood for plaster.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**628844**	1/17	9	
polar white	**628819**	1/17	9	
aluminium	**628860**	1/17	9	
metallic				
stainless steel	**628846**	1/17	9	



ARTEC frame, 1.5-gang

In KNX, to be completed with: Multi-function push-button, 4-gang, with room temperature control unit, art. no. System Design 6288...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**481944**	2/100	1	
polar white	**481919**	2/100	1	
aluminium	**481960**	2/100	1.2	
metallic				
stainless steel	**481946**	2/100	1.2	



Push-button, 1-gang

Application module for System Design.
Push-button with 2 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618919/44. Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**622344**	1/100	9	
polar white	**622319**	1/100	9	
vanilla	**622382**	1/100	9	
ice blue	**622388**	1/100	9	
light grey	**622329**	1/100	9	
midnight blue	**622378**	1/100	9	
dark brazil	**622315**	1/100	9	
black grey	**622369**	1/100	9	
aluminium	**622360**	1/100	9	
metallic				
stainless steel	**622346**	1/100	9	



Push-button, 2-gang

Application module for System Design.
Push-button with 4 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618919/44. Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**622444**	1/100	9	
polar white	**622419**	1/100	9	
vanilla	**622482**	1/100	9	
ice blue	**622488**	1/100	9	
light grey	**622429**	1/100	9	
midnight blue	**622478**	1/100	9	
dark brazil	**622415**	1/100	9	
black grey	**622469**	1/100	9	
aluminium	**622460**	1/100	9	
metallic				
stainless steel	**622446**	1/100	9	



Push-button, 3-gang

Application module for System Design.
Push-button with 6 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618919/44. Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**622544**	1/100	9	
polar white	**622519**	1/100	9	
vanilla	**622582**	1/100	9	
ice blue	**622588**	1/100	9	
light grey	**622529**	1/100	9	
midnight blue	**622578**	1/100	9	
dark brazil	**622515**	1/100	9	
black grey	**622569**	1/100	9	
aluminium	**622560**	1/100	9	
metallic				
stainless steel	**622546**	1/100	9	



Push-button, 4-gang

Application module for System Design.
Push-button with 8 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618919/44. Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**622644**	1/100	9	
polar white	**622619**	1/100	9	
vanilla	**622682**	1/100	9	
ice blue	**622688**	1/100	9	
light grey	**622629**	1/100	9	
midnight blue	**622678**	1/100	9	
dark brazil	**622615**	1/100	9	
black grey	**622669**	1/100	9	
aluminium	**622660**	1/100	9	
metallic				
stainless steel	**622646**	1/100	9	



Multi-function push-button, 4-gang

Application module for System Design.
Push-button with 8 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.

In KNX, to be completed with: Bus coupler, flush-mounted 2, art. no. 690299, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618919/44. Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**622744**	1/100	9	
polar white	**622719**	1/100	9	
vanilla	**622782**	1/100	9	
ice blue	**622788**	1/100	9	
light grey	**622729**	1/100	9	
midnight blue	**622778**	1/100	9	
dark brazil	**622715**	1/100	9	
black grey	**622769**	1/100	9	
aluminium	**622760**	1/100	9	
metallic				
stainless steel	**622746**	1/100	9	

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Multi-function push-button, 4-gang with IR receiver

Application module for System Design.
Push-button with 8 operating buttons, 8 status displays, labelling field and IR receiver.
All functions of the respective buttons can be controlled via IR remote control Distance.

In KNX, to be completed with: Bus coupler, flush-mounted 2, art. no. 690299, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618919/44. Protective hood for plaster, System Design, art. no. 628091...
Transmitter: IR remote control Distance, art. no. 570222.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**622844**	1/100	9	
polar white	**622819**	1/100	9	
vanilla	**622882**	1/100	9	
ice blue	**622888**	1/100	9	
light grey	**622829**	1/100	9	
midnight blue	**622878**	1/100	9	
dark brazil	**622815**	1/100	9	
black grey	**622869**	1/100	9	
aluminium	**622860**	1/100	9	
metallic				
stainless steel	**622846**	1/100	9	



Labelling sheets for push-buttons

For individual labelling of the System Design push-buttons with text or symbols.

To be completed with: System Design push-buttons, 1-gang, 2-gang, 3-gang or 4-gang, art. no. 6223.., 6224.., 6225.., 6226.., 6227.., 6228...
Accessories: Labelling software, art. no. 615022.
Contents: 2 sheets for every 20 products.

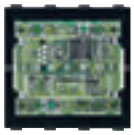
Version	Art. no.	PU	PG	Info
white	**618944**	1/100	9	
polar white/silver	**618919**	1/100	9	

Protective hood for plaster

For System Design
To protect push-buttons, rockers, room temperature control units and room controllers from contamination from painting and decorating work.

Accessories from: Push-button in System Design, art. no. 6223.., 6224.., 6225.., 6226... Multi-function push-button in System Design, art. no. 6227.., 6228... Rockers for push-button modules in System Design, art. no. 6261.., 6262.., 6264.., 6265.., 6266.., 6267.., 6268... Room temperature control unit, flush-mounted/PI, in System Design, art. no. 6249...
Note: When the protective hood for plaster is in place, the temperature measurement of the room temperature control unit is restricted.

Version	Art. no.	PU	PG	Info
	628091	10/160	9	



EIB push-button module, 1-gang

For System Design
Push-button module without rocker. With programmable status display.

In KNX, to be completed with: Rocker for 1-gang push-button module, art. no. System Design 6261... Rocker for push-button module, 1-gang, with 1/0 imprint, art. no. System Design 6264. Rocker for push-button module, 1-gang, with up/down arrow imprint, art. no. System Design 6265...

Version	Art. no.	PU	PG	Info
	626199	1/60	9	

Rocker for 1-gang push-button module

For System Design.
The rocker is attached to the 1-gang push-button module.

In KNX, to be completed with: EIB push-button module, 1-gang, art. no. System Design 626199.
Accessories: Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**626144**	1/150	9	
polar white	**626119**	1/150	9	
aluminium	**626160**	1/150	9	
metallic				
varnished stainless steel	**626146**	1/150	9	



Rocker for 1-gang push-button module with 1/0 imprint

For System Design.
The rocker is attached to the 1-gang push-button module.

In KNX, to be completed with: EIB push-button module, 1-gang, art. no. System Design 626199.
Accessories: Protective hood for plaster, System Design, art. no. 628091...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**626444**	1/150	9	
polar white	**626419**	1/150	9	
aluminium	**626460**	1/150	9	
metallic				
varnished stainless steel	**626446**	1/150	9	

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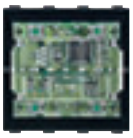


Rocker for 1-gang push-button module with up/down arrow imprint

For System Design.
The rocker is attached to the 1-gang push-button module.

In KNX, to be completed with: EIB push-button module, 1-gang, art. no. System Design 626199.
Accessories: Protective hood for plaster, System Design, art. no. 628091...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**626544**	1/150	9	
polar white	**626519**	1/150	9	
aluminium	**626560**	1/150	9	
metallic				
varnished stainless steel	**626546**	1/150	9	



EIB push-button module, 2-gang

For System Design
Push-button module without rockers. With programmable status display.

In KNX, to be completed with: Rockers for 2-gang push-button module, art. no. System Design 6262... Rockers for push-button module, 2-gang, with 1/0 and up/down arrow imprint, art. no. System Design 6266... Rockers for push-button module, 2-gang, with up/down arrow and 1/0 imprint, art. no. System Design 6267... Rockers for push-button module, 2-gang, with up/down arrow imprint, art. no. System Design 6268...

Version	Art. no.	PU	PG	Info
	626299	1/60	9	



Rockers for 2-gang push-button module

For System Design.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System Design 568199.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System Design 626299.
Accessories: Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**626244**	1/150	9	
polar white	**626219**	1/150	9	
aluminium	**626260**	1/150	9	
metallic				
varnished stainless steel	**626246**	1/150	9	



Rockers for 2-gang push-button module with 1/0 and up/down arrow imprint

For System Design.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System Design 568199.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System Design 626299.
Accessories: Protective hood for plaster, System Design, art. no. 628091...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**626644**	1/150	9	
polar white	**626619**	1/150	9	
aluminium	**626660**	1/150	9	
metallic				
varnished stainless steel	**626646**	1/150	9	



Rockers for 2-gang push-button module with up/down arrow and 1/0 imprint

For System Design.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System Design 568199.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System Design 626299.
Accessories: Protective hood for plaster, System Design, art. no. 628091...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**626744**	1/150	9	
polar white	**626719**	1/150	9	
aluminium	**626760**	1/150	9	
metallic				
varnished stainless steel	**626746**	1/150	9	



Rockers for 2-gang push-button module with up/down arrow imprint

For System Design.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System Design 568199.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System Design 626299.
Accessories: Protective hood for plaster, System Design, art. no. 628091...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**626844**	1/150	9	
polar white	**626819**	1/150	9	
aluminium	**626860**	1/150	9	
metallic				
varnished stainless steel	**626846**	1/150	9	



Blanking cover

For System Design.
Screw-on cover for flush-mounted bus coupler or flush-mounted actuators.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099. Bus coupler, flush-mounted 2, art. no. 690299. Switch actuator, flush-mounted, art. no. 627099. Series actuator, flush-mounted, art. no. 627199. Blind actuator, flush-mounted, art. no. 627299. INSTABUS radio gateway, flush-mounted, art. no. 680999.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**662244**	1/100	9	
polar white	**662219**	1/100	9	
vanilla	**662282**	1/100	9	
ice blue	**662288**	1/100	9	
light grey	**662229**	1/100	9	
midnight blue	**662278**	1/100	9	
dark brazil	**662215**	1/100	9	
black grey	**662269**	1/100	9	
aluminium	**662260**	1/100	9	
metallic				
varnished stainless steel	**662246**	1/100	9	



Serial data interface, flush-mounted

Application module for System Design.
To connect a programming or diagnostics device with an RS 232 interface to the KNX.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**681344**	1/50	9	
polar white	**681319**	1/50	9	
vanilla	**681382**	1/50	9	
ice blue	**681388**	1/50	9	
light grey	**681329**	1/50	9	
midnight blue	**681378**	1/50	9	
dark brazil	**681315**	1/50	9	
black grey	**681369**	1/50	9	
aluminium	**681360**	1/50	9	
metallic				
varnished stainless steel	**681346**	1/50	9	



ARGUS 180, flush-mounted

Application module for System Design.
Movement detector for indoors.
When a movement is detected, a data telegram defined by the programming is transmitted.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Antique brass on request.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**621444**	1/50	9	
polar white	**621419**	1/50	9	
vanilla	**621482**	1/50	9	
ice blue	**621488**	1/50	9	
light grey	**621429**	1/50	9	
midnight blue	**621478**	1/50	9	
dark brazil	**621415**	1/50	9	
black grey	**621469**	1/50	9	
aluminium	**621460**	1/50	9	
metallic				
varnished stainless steel	**621446**	1/50	9	



Info display, flush-mounted

Application module for System Design.
LC display with max. 4 x 16 characters and acoustic signalling device. The info display is used to indicate freely-programmable texts and values and to control functions.

- **In KNX, to be completed with:** Bus coupler, flush-mounted, art. no. 690099.
- **Note:** The display tool software V2.0, art. no. 615046, for programming the flush-mounted info display is available on the Internet or on the Merten info CD.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**629544**	1/100	9	
polar white	**629519**	1/100	9	
aluminium	**629560**	1/100	9	
metallic				
varnished stainless steel	**629546**	1/100	9	



Room temperature control unit, flush-mounted/PI

Application module for System Design.
The device can be used for heating and cooling with infinitely adjustable KNX valve drives or to control switch actuators.

- **In KNX, to be completed with:** Bus coupler, flush-mounted, art. no. 690099.
  Accessories: Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**624944**	1/50	9	
polar white	**624919**	1/50	9	
vanilla	**624982**	1/50	9	
ice blue	**624988**	1/50	9	
light grey	**624929**	1/50	9	
midnight blue	**624978**	1/50	9	
dark brazil	**624915**	1/50	9	
black grey	**624969**	1/50	9	
aluminium	**624960**	1/50	9	
metallic				
varnished stainless steel	**624946**	1/50	9	

Central plates for communications technology

- **System Basis central plates can be integrated into System Design using adapters, art. no. 518044/19.**



Carrying frame with central plate for inserts in line with DIN 41524

Can also be used for command and signalling devices with one-hole fixing Ø 16 mm (e.g. Lumitas).
Second opening can be broken out.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**297744**	10/50	1	
polar white	**297719**	10/50	1	
aluminium	**297760**	10/50	1.2	
metallic				
antique brass	**297743**	10/40	1.4	
stainless steel	**297746**	10/40	1.2	



Central plate for light signal insert

- **To be completed with:** Light signal E 10 insert, art. no. 319016.
  Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	**397774**	10/240	1	
polar white	**397719**	10/240	1	
vanilla	**397782**	5/200	1.2	
ice blue	**397788**	5/200	1.2	
light grey	**397729**	5/200	1.2	
midnight blue	**397778**	5/200	1.2	
dark brazil	**397715**	5/200	1.2	
black grey	**397769**	5/200	1.2	
aluminium	**397760**	5/200	1.2	
varnished stainless steel	**397746**	5/200	1.2	



Central plate for cable outlet

With carrying frame and strain relief.
With claw and screw fixing.

- **Adapters:** Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	**298194**	1/50	1	
polar white	**298199**	1/50	1	
light grey	**298129**	1/50	1.2	
aluminium	**298160**	1/50	1.2	
varnished stainless steel	**298146**	1/50	1.2	



Central plate for command devices

One-hole fixing Ø 22.5 mm.
For Klöckner-Moeller, Lumitas, Square D etc. for example.
Without claws, for screw fixing.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	**392274**	5/120	1	
polar white	**392298**	5/120	1	



Central plate for emergency stop switch

One-hole fixing Ø 22.5 mm.
For Klöckner-Moeller, Lumitas, Square D etc. for example.
Without claws, for screw fixing.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
yellow	**392203**	5/120	1.1	



Blanking cover

Cover for relay, multiple control relay for roller shutters, buzzer, power booster, KNX binary input, flush-mounted/4x10 etc.
Can be used universally with mechanical machining (drilling, milling etc.)
Without claws, for screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**391919**	1/100	1	
vanilla	**391982**	1/100	1.2	
ice blue	**391988**	1/100	1.2	
light grey	**391929**	1/100	1.2	
midnight blue	**391978**	1/100	1.2	
dark brazil	**391915**	1/100	1.2	
black grey	**391969**	1/100	1.2	
aluminium	**391960**	1/100	1.2	
metallic				
antique brass	**391943**	1/100	1.4	
stainless steel	**391946**	1/100	1.2	
Duroplastic, highly scratch-resistant				
white	**391994**	1/100	1	
polar white	**391999**	1/100	1	



Intermediate ring for combination inserts in line with DIN 49075

All standardised combination inserts in line with DIN 49075 can be integrated with this article.
For example, TAE, modular jack, data and communications systems from PANDUIT (PAN-NET), Ackermann WAE, WAEG, BTR etc.

Version	Art. no.	PU	PG	Info
Duroplastic, highly scratch-resistant				
white	**516094**	5/300	1	
polar white	**516099**	5/300	1	



Intermediate ring with hinged lid for combination inserts in line with DIN 49075

All standardised combination inserts in line with DIN 49075 can be integrated with this article.
For example, TAE, modular jack, data and communications systems from PANDUIT (PAN-NET), Ackermann WAE, WAG, BTR etc.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180.., and into the OCTOCOLOR range using the adapter, 5170...

Version	Art. no.	PU	PG	Info
white	**517474**	5/75	1	
polar white	**517498**	5/75	1	
vanilla	**517482**	5/75	1.2	
ice blue	**517488**	5/75	1.2	
light grey	**517429**	5/75	1.2	
midnight blue	**517478**	5/75	1.2	
dark brazil	**517415**	5/75	1.2	
black grey	**517469**	5/75	1.2	
aluminium	**517460**	5/75	1.2	
varnished stainless steel	**517446**	5/75	1.2	



Intermediate ring with hinged lid for combination inserts in line with DIN 49075

All standardised combination inserts in line with DIN 49075 can be integrated with this article.
For example, TAE, modular jack, data and communications systems from PANDUIT (PAN-NET), Ackermann WAE, WAG, BTR etc.

Version	Art. no.	PU	PG	Info
metallic				
antique brass	**517453**	5/60	1.4	

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Communications inserts

Technical Information: Communications inserts (⇒ p. 484)



Inclined outlet

For data connection and communications technology.
Order the associated inserts separately.
With labelling field.
To be labelled with labelling strips.

To be completed with: Communications inserts, art. no. System M and System Design 464379-99.
Accessories: Labelling strips for switches, socket-outlets, art. no. 395019
Technical Information: Inserts for inclined outlets (⇒ p. 486)
Contents: Without inserts.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**464344**	1/50	1	
polar white	**464319**	1/50	1	
vanilla	**464382**	1/50	1.2	
ice blue	**464388**	1/50	1.2	
light grey	**464329**	1/50	1.2	
midnight blue	**464378**	1/50	1.2	
dark brazil	**464315**	1/50	1.2	
black grey	**464369**	1/50	1.2	
metallic				
aluminium	**464360**	1/50	1.2	
stainless steel	**464346**	1/50	1.2	



Blanking insert

Can be used universally with mechanical machining (drilling, milling etc.)

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464380**	10/300	1	



Insert for D-type plug connectors, 9-pole

For two D-type plugs, 9-pole.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...
Accessories: D-type socket connector, 9-pole, art. no. 465009.

Version	Art. no.	PU	PG	Info
black	**464391**	10/300	1	



Insert for D-type plug connectors, 15-pole

For two D-type plugs, 15-pole.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...
Accessories: D-type socket connector, 15-pole, art. no. 465015.

Version	Art. no.	PU	PG	Info
black	**464392**	10/300	1	



Insert for D-type plug connectors, 25-pole

For two D-type plugs, 25-pole.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...
Accessories: D-type socket connector, 25-pole, art. no. 465025.

Version	Art. no.	PU	PG	Info
black	**464393**	10/300	1	



Insert for BNC/TNC sockets

For two BNC/TNC connectors Ø 12.5 mm or for BNC/TNC connectors Ø 9.5 mm.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...
Accessories: BNC socket Ø 12.5 mm, art. no. 465010.
Contents: With adjustment rings.

Version	Art. no.	PU	PG	Info
black	**464395**	10/300	1	



Insert for Twinax sockets

For two Twinax sockets Ø 19 mm.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464397**	10/300	1	



Insert for modular jack connector Cat 5

For modular jack Cat 5, RJ 45 connector or AMP connector.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...
Accessories: Modular jack connector Cat 5, art. no. 465595.

Version	Art. no.	PU	PG	Info
black	**464399**	10/300	1	



Insert for modular jack connector

For two modular jack connectors Cat 3
For AMP or Thomas & Betts connectors.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...
Accessories: Modular jack connector Cat 3, art. no. 465516/18.

Version	Art. no.	PU	PG	Info
black	**464398**	10/300	1	



Insert for XLR audio plug-in socket

For XLR round connector audio plug-in socket from Binder, Cannon, Neutrik or similar.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464390**	10/300	1	



Insert for XLR audio plug

For XLR round connector audio plugs from Binder, Cannon, Neutrik or similar.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464389**	10/300	1	



Insert for IBM plug

For 4-pole IBM plug.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464379**	10/300	1	



Insert with high-end loudspeaker connector

For loudspeaker connections up to max. 10 mm².

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Contents: With two loudspeaker connectors, gold-plated contacts.

Version	Art. no.	PU	PG	Info
black	**464387**	5/150	1	



Insert for optical fibre ST connectors

For two optical fibre ST connectors.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464386**	10/300	1	



Insert for ACO mounting boxes

For AMP communications system insert. Suitable for all adapter inserts.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464396**	10/300	1	



Insert for Thomas & Betts data communication connectors

For data connectors from Thomas & Betts and IBM inserts IBM ACS type G.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464394**	10/300	1	



Insert for IBM system ACS type Mini C

For two IBM Advanced Connectivity System (ACS) type Mini C modules.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464383**	10/300	1	



Insert for Duplex SC

For two Duplex SC connectors.

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...

Version	Art. no.	PU	PG	Info
black	**464381**	10/300	1	



Insert for Reichle & De-Massari

For two Reichle & De Massari connection modules or additional R&M modules.
Information: http://www.rdm.com

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...
Accessories: Reichle & De-Massari connection module, unshielded, art. no. 465580/82. Reichle & De-Massari connection module, shielded, art. no. 465581/83. Reichle & De-Massari splash flange, art. no. 465591. Reichle & De-Massari splash sleeve, art. no. 465590.

Version	Art. no.	PU	PG	Info
black	**464384**	10/300	1	



Reichle & De-Massari connection module, unshielded

Connection with ICD clamping method (no equipment necessary).

To be completed with: Insert for Reichle & De-Massari, art. no. 464384.
Accessories: Reichle & De-Massari splash flange, art. no. 465591. Reichle & De-Massari splash sleeve, art. no. 465590.

Version	Art. no.	PU	PG	Info
Cat 5e, 1xRJ45/u	**465580**	2/100	1	
Cat 6, 1xRJ45/u	**465582**	2/100	1	

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Reichle & De-Massari connection module, shielded

Connection with ICD clamping method (no equipment necessary).

To be completed with: Insert for Reichle & De-Massari, art. no. 464384.
Accessories: Reichle & De-Massari splash flange, art. no. 465591. Reichle & De-Massari splash sleeve, art. no. 465590.

Version	Art. no.	PU	PG	Info
Cat 5e, 1xRJ45/s	**465581**	2/100	1	
Cat 6, 1xRJ45/s	**465583**	2/100	1	



D-type socket connector, 9-pole

Solder connection max. 0.6 mm².

To be completed with: Central plate for D-type subminiature connector, 9-pole, art. no. System M 4676.., 4681.., System Basis 4601...Insert for D-type subminiature connector, 9-pole, art. no. System M 464391, System Basis 461391, System Design 464391, OCTOCOLOR 463391.
Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
9-pole	**465009**	5/500	1	



D-type socket connector, 15-pole

Solder connection max. 0.6 mm².

To be completed with: Central plate for D-type subminiature connector, 15-pole, art. no. System M 4677.., ,4682.., System Basis 4602...Insert for D-type subminiature connector, 15-pole, art. no. System M 464392, System Basis 461392, System Design 464392, OCTOCOLOR 463392.
Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
15-pole	**465015**	5/500	1	



D-type socket connector, 25-pole

Solder connection max. 0.6 mm².

To be completed with: Central plate for D-type subminiature connector, 25-pole, art. no. System M 4678.., 4683.., System Basis 4603...Insert for D-type subminiature connector, 25-pole, art. no. System M 464393, System Basis 461393, System Design 464393, OCTOCOLOR 463393.
Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
25-pole	**465025**	5/500	1	



BNC connector Ø 12.5 mm

Crimp connection up to Ø 6 mm.

To be completed with: Central plate for BNC/TNC socket, art. no. System M 4691.., 4685.., 4686.., System Basis 4605...Insert for BNC/TNC sockets, art. no. System M 464395, System Basis 461395, System Design 464395, OCTOCOLOR 463395.

Version	Art. no.	PU	PG	Info
	465010	5/500	1	

Telecommunications

System Basis central plates can be integrated into System Design using adapters, art. no. 518044/19.

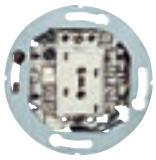


Central plate for telephone socket-outlet ADo

For 4- and 8-pole telephone socket-outlets (art. no. 465104 and 465108).

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	**293074**	5/150	1	
polar white	**293098**	5/150	1	
aluminium	**293060**	5/150	1.2	
varnished stainless steel	**293046**	5/150	1.2	

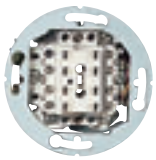


Telephone socket-outlet ADo 4

For connecting analogue terminal units.

To be completed with: Central plate for telephone socket-outlet ADo, art. no. System Basis 2930.., OCTOCOLOR 2937...
Accessories: Telephone socket-outlet ADo S 4, art. no. 465404.

Version	Art. no.	PU	PG	Info
4-pole, white	**465104**	10/40	1	



Telephone socket-outlet ADo 8

Codeable

For connecting analogue terminal units.

To be completed with: Central plate for telephone socket-outlet ADo, art. no. System Basis 2930.., OCTOCOLOR 2937...
Accessories: Telephone socket-outlet ADo S 8, art. no. 465408.
Contents: A setting knob for coding is included in every pack of 10.

Version	Art. no.	PU	PG	Info
8-pole, white	**465108**	10/40	1	



Telephone plug ADo S 4

For telephone socket-outlet ADo.

To be completed with: Telephone socket-outlet ADo 4, art. no. 465104.

Version	Art. no.	PU	PG	Info
4-pole, white	**465404**	5/250	1	



Telephone plug ADo S 8

For telephone socket-outlet ADo.

To be completed with: Telephone socket-outlet ADo 8, art. no. 465108.

Version	Art. no.	PU	PG	Info
8-pole, white	**465408**	5/250	1	

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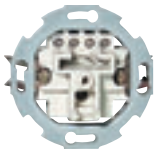


Central plate with cable outlet for telephone connector VDo 4

For telephone connector VDo 4 or general cable outlet for cable diameters of max. 10 mm.
With strain relief.
Without claws, for screw fixing.

To be completed with: Telephone connector VDo 4, art. no. 465304.
Adapters: Can be integrated into System Design using the adapter, art. no. 5180...
Contents: With fixing screws for telephone connector VDo 4.

Version	Art. no.	PU	PG	Info
white	**392574**	5/90	1	
polar white	**392519**	5/90	1	
aluminium	**392560**	5/90	1.2	
varnished stainless steel	**392546**	5/90	1.2	



Telephone connector VDo 4

For central plate with cable outlet for telephone connector VDo 4.

To be completed with: Central plate with cable outlet for telephone connector VDo, art. no. System M 2968.., 2955.., System Basis 3925.., OCTOCOLOR 3927...

Version	Art. no.	PU	PG	Info
4-pole, white	**465304**	10/40	1	



Central plate for telephone socket-outlet TAE

For System Design.
For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.
Accessories: Labelling strips for switches, socket-outlets, art. no. 395019

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**297844**	1/150	1	
polar white	**297819**	1/150	1	
vanilla	**297882**	1/150	1.2	
ice blue	**297888**	1/150	1.2	
light grey	**297829**	1/150	1.2	
midnight blue	**297878**	1/150	1.2	
dark brazil	**297815**	1/150	1.2	
black grey	**297869**	1/150	1.2	
aluminium	**297860**	1/150	1.2	
metallic				
antique brass	**297843**	1/150	1.4	
stainless steel	**297846**	1/150	1.2	



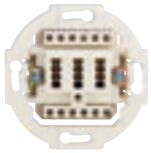
Telephone socket-outlet TAE, 1-gang

For the German market.

For connecting an analogue telephone.
With screw terminals.
1×6 F: 1 telephone

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
1x6 F, white	**465206**	10/50	1	



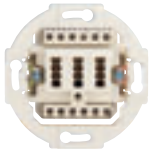
Telephone socket-outlet TAE, 3-gang

For the German market.

For connecting analogue telephones/ancillary units.
With screw terminals.
2×6/6 NF/F: 2 telephones, 1 ancillary unit
3×6 NFN: 1 telephone, 2 ancillary unit

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
2×6/6 NF/F, white	**465226**	10/50	1	
3x6 NFN, white	**465236**	10/50	1	



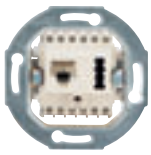
Telephone socket-outlet TDO 3x10

For the Austrian market.

For connecting analogue terminal units.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...Intermediate ring for combination inserts in line with DIN 49075, art. no. System M 5185.., 5181.., System Basis 5171.., System Design 5160.., OCTOCOLOR 5168...Intermediate ring with hinged lid for combination inserts in line with DIN 49075, art. no. System M 5186.., 5182.., System Basis 5174...
Can only be ordered via Merten in Vienna.

Version	Art. no.	PU	PG	Info
white	**465930**	1/1	1	



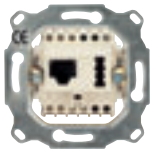
Combination socket-outlet RJ45/TAE (Cat 3)

For connecting a telephone and an analogue or digital terminal unit via the 8-pole RJ45 connector.
With screw terminals.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Combination socket-outlet RJ45/TAE (Cat 3) (⇒ p. 483)

Version	Art. no.	PU	PG	Info
8(6)-6F+N, white	**465707**	1/60	1	

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Line 21 Combination socket-outlet RJ45/TAE

With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (TAE) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for the connection of additional telephone socket-outlets.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...

Technical Information: Line 21 Combination socket-outlet RJ45/TAE (⇒ p. 481)

Version	Art. no.	PU	PG	Info
8(6)-6F+N	**465709**	1/60	1	



Central plate for PTT connection boxes

Suitable for Dutch telephone sockets.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**291344**	10/180	1	
polar white	**291319**	10/180	1	
light grey	**291329**	10/180	1	
black grey	**291369**	10/180	1	
aluminium	**291360**	10/180	1	
metallic				
varnished stainless steel	**291346**	10/180	1	



Telephone socket insert, 8-pole

For French telephone plugs.
With screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**290719**	10/40	1	
aluminium	**293160**	10/40	1	
metallic				
varnished antique brass	**293153**	1/60	1.4	
varnished stainless steel	**293146**	10/40	1	



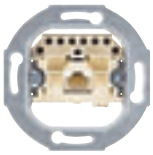
Central plate for RJ45 insert, 1-gang

With labelling field.

For System Design.
For RJ45 inserts 8 (Cat 5e), RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with:RJ45 insert 8, art. no. 465720.RJ45 insert 8 Cat 5e, art. no. 465721.
Accessories: Labelling strips for switches, socket-outlets, art. no. 395019

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**291844**	10/120	1	
polar white	**291819**	10/120	1	
aluminium	**291860**	10/120	1.1	
metallic				
stainless steel	**291846**	10/120	1.1	

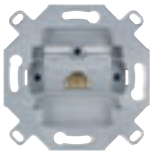


RJ45 insert 8

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962.., 2983.., System Basis 2917.., System Design 2918...

Version	Art. no.	PU	PG	Info
	465720	10/50	1	



RJ45 insert 8 Cat 5e

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962.., 2983.., System Basis 2917.., System Design 2918...

Version	Art. no.	PU	PG	Info
	465721	1/50	1	



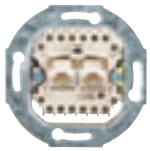
Central plate for RJ45 insert, 2-gang

With labelling field.

For System Design.
For RJ45 inserts 8/8, 2x8, Line 21 RJ45 insert 8/8, RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with: RJ45 insert 8/8, art. no. 465701.RJ45 insert 2x8, art. no. 465702.RJ45 insert 8/8 Cat 5e, art. no. 465703.RJ45 insert 8/8 Cat 6, art. no. 465706.
Accessories: Labelling strips for switches, socket-outlets, art. no. 395019

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**292644**	10/120	1	
polar white	**292619**	10/120	1	
vanilla	**292682**	10/120	1.2	
ice blue	**292688**	10/120	1.2	
light grey	**292629**	10/120	1.2	
midnight blue	**292678**	10/120	1.2	
dark brazil	**292615**	10/120	1.2	
black grey	**292669**	10/120	1.2	
aluminium	**292660**	10/120	1.2	
metallic				
antique brass	**292643**	10/120	1.4	
stainless steel	**292646**	10/120	1.2	



RJ45 insert 8/8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 8/8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465701**	10/40	1	



Line 21 RJ45 insert 8/8

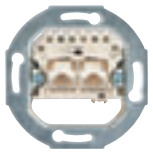
With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (RJ45, 8-pole) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for analogue telephony.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: Line 21 RJ45 insert 8/8 (⇒ p. 481)

Version	Art. no.	PU	PG	Info
	465708	1/60	1	



RJ45 insert 2x8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors connected in parallel with bus-type cabling.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 2x8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465702**	10/40	1	



RJ45 insert 8/8 Cat 5e

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465703**	1/50	1	



RJ45 insert 8/8 Cat 6

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465706**	1/50	1	

Data technology

System Basis central plates can be integrated into System Design using adapters, art. no. 518044/19.



Blanking cover for special communication/EDP version

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Version	Art. no.	PU	PG	Info
white	**460074**	10/180	1	
polar white	**460019**	10/180	1	
aluminium	**460060**	10/180	1.2	
varnished stainless steel	**460046**	10/180	1.2	

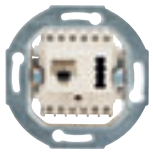


Central plate for telephone socket-outlet TAE

For System Design.
For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.
Accessories: Labelling strips for switches, socket-outlets, art. no. 395019

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**297844**	1/150	1	
polar white	**297819**	1/150	1	
vanilla	**297882**	1/150	1.2	
ice blue	**297888**	1/150	1.2	
light grey	**297829**	1/150	1.2	
midnight blue	**297878**	1/150	1.2	
dark brazil	**297815**	1/150	1.2	
black grey	**297869**	1/150	1.2	
aluminium	**297860**	1/150	1.2	
metallic				
antique brass	**297843**	1/150	1.4	
stainless steel	**297846**	1/150	1.2	

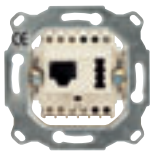


Combination socket-outlet RJ45/ TAE (Cat 3)

For connecting a telephone and an analogue or digital terminal unit via the 8-pole RJ45 connector.
With screw terminals.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Combination socket-outlet RJ45/TAE (Cat 3) (⇒ p. 483)

Version	Art. no.	PU	PG	Info
8(6)-6F+N, white	**465707**	1/60	1	



Line 21 Combination socket-outlet RJ45/TAE

With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (TAE) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for the connection of additional telephone socket-outlets.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Line 21 Combination socket-outlet RJ45/ TAE (⇒ p. 481)

Version	Art. no.	PU	PG	Info
8(6)-6F+N	**465709**	1/60	1	



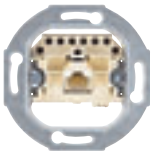
Central plate for RJ45 insert, 1-gang

With labelling field.

For System Design.
For RJ45 inserts 8 (Cat 5e), RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with:RJ45 insert 8, art. no. 465720.RJ45 insert 8 Cat 5e, art. no. 465721.
Accessories: Labelling strips for switches, socket-outlets, art. no. 395019

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**291844**	10/120	1	
polar white	**291819**	10/120	1	
aluminium	**291860**	10/120	1.1	
metallic				
stainless steel	**291846**	10/120	1.1	

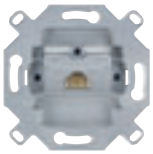


RJ45 insert 8

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962.., 2983.., System Basis 2917.., System Design 2918...

Version	Art. no.	PU	PG	Info
	465720	10/50	1	



RJ45 insert 8 Cat 5e

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962.., 2983.., System Basis 2917.., System Design 2918...

Version	Art. no.	PU	PG	Info
	465721	1/50	1	

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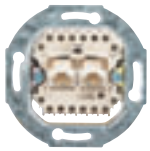
Central plate for RJ45 insert, 2-gang

With labelling field.

For System Design.
For RJ45 inserts 8/8, 2x8, Line 21 RJ45 insert 8/8, RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with:RJ45 insert 8/8, art. no. 465701.RJ45 insert 2x8, art. no. 465702.RJ45 insert 8/8 Cat 5e, art. no. 465703.RJ45 insert 8/8 Cat 6, art. no. 465706.
Accessories: Labelling strips for switches, socket-outlets, art. no. 395019

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**292644**	10/120	1	
polar white	**292619**	10/120	1	
vanilla	**292682**	10/120	1.2	
ice blue	**292688**	10/120	1.2	
light grey	**292629**	10/120	1.2	
midnight blue	**292678**	10/120	1.2	
dark brazil	**292615**	10/120	1.2	
black grey	**292669**	10/120	1.2	
aluminium	**292660**	10/120	1.2	
metallic				
antique brass	**292643**	10/120	1.4	
stainless steel	**292646**	10/120	1.2	



RJ45 insert 8/8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 8/8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465701**	10/40	1	



Line 21 RJ45 insert 8/8

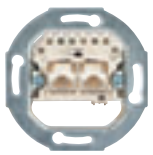
With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (RJ45, 8-pole) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for analogue telephony.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: Line 21 RJ45 insert 8/8 (⇒ p. 481)

Version	Art. no.	PU	PG	Info
	465708	1/60	1	



RJ45 insert 2x8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors connected in parallel with bus-type cabling.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 2x8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465702**	10/40	1	



RJ45 insert 8/8 Cat 5e

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465703**	1/50	1	



RJ45 insert 8/8 Cat 6

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465706**	1/50	1	



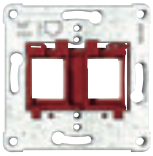
Central plate for modular jack connector with shut-off slide

Suitable for the supporting plates for modular jack connectors. With two openings and shut-off slide.
With labelling field.

To be completed with: Supporting plate for modular jack connector, art. no. 4615...
Adapters: Can be integrated into System Design using the adapter, art. no. 5180.., and into the OCTOCOLOR range using the adapter, 5170...
Technical Information: Data technology via central plate, art. no. 4615.., 4617.. (⇒ p. 487)

Version	Art. no.	PU	PG	Info
white	**461524**	5/200	1	
polar white	**461518**	5/200	1	
vanilla	**461582**	5/200	1.2	
ice blue	**461588**	5/200	1.2	
light grey	**461529**	5/200	1.2	
midnight blue	**461578**	5/200	1.2	
dark brazil	**461515**	5/200	1.2	
black grey	**461569**	5/200	1.2	
aluminium	**461560**	5/200	1.2	
varnished stainless steel	**461546**	5/200	1.2	

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Supporting plates for modular jack connector

Suitable for communication connectors.
Supporting plate (art. no. 461590) for Cat 3 modular jack connector and supporting plate (art. no. 461593) for Cat 5 modular jack connector.

To be completed with: Central plate for modular jack connector with shut-off slide, art. no. System M 4619.., 4617.., System Basis 4615...
Accessories: Modular jack connector Cat 3, art. no. 465516/18. Modular jack connector Cat 5, art. no. 465595.
Technical Information: Data technology via central plate, art. no. 4615.., 4617.. (⇒ p. 487)

Version	Art. no.	PU	PG	Info
red	**461590**	4/240	1	
transparent	**461591**	4/240	1	
black	**461592**	4/240	1	
yellow	**461593**	4/240	1	
green	**461594**	4/240	1	



Modular jack connector, Cat 3

WE Western type.
In line with US FCC 86, Cat 3.
Connection with IDC clamping method.

Pin configuration Telecom/ISDN modular jack/8-pole: 1a/4, 1b/5, 2a/3, 2b/6.

To be completed with: Supporting plate for modular jack connector, art. no. 461590.Insert for modular jack connector, art. no. System M 464398, System Basis 461398, System Design 464398, OCTOCOLOR 463398.Central plate for modular jack connector, art. no. System M 2901.., 2957.., System Basis 2929...

Version	Art. no.	PU	PG	Info
6-pole RJ 11/ Cat. 3, black	**465516**	5/250	1	
8-pole RJ 45/ Cat. 3, black	**465518**	5/250	1	



Modular jack connector, Cat 5

WE Western type.
In line with US FCC 86, Cat 5.
Connection via LSA terminals.

To be completed with: Supporting plate for modular jack connector, art. no. 461593.Insert for modular jack connector, art. no. System M 464399, System Basis 461399, System Design 464399, OCTOCOLOR 463399.

Version	Art. no.	PU	PG	Info
8-pole RJ 45/ Cat. 5, black	**465595**	5/200	1	



Central plate for AMP-ACO

With labelling field.

For AMP communications system insert.
Suitable for all adapter inserts.

Accessories: Labelling strips for switches, socket-outlets, art. no. 395019

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**461644**	5/225	1	
polar white	**461619**	5/225	1	
aluminium	**461660**	5/225	1.2	
metallic				
varnished stainless steel	**461646**	5/225	1.2	

TV/audio

System Basis central plates can be integrated into System Design using adapters, art. no. 518044/19.



Loudspeaker socket-outlet insert

With 2 separate loudspeaker sockets in accordance with DIN 41529.
Second opening can be broken out.
With screw connections (up to 2.5 mm^2).

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**297644**	10/50	1	
polar white	**297619**	10/50	1	
vanilla	**297682**	10/50	1.2	
ice blue	**297688**	10/50	1.2	
light grey	**297629**	10/50	1.2	
midnight blue	**297678**	10/50	1.2	
dark brazil	**297615**	10/50	1.2	
black grey	**297669**	10/50	1.2	
aluminium	**297660**	10/50	1.2	
metallic				
antique brass	**297643**	10/40	1.4	
stainless steel	**297646**	10/40	1.2	

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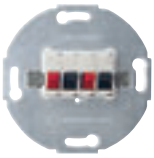


Central plate for telephone socket-outlet TAE

For System Design.
For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.
Accessories: Labelling strips for switches, socket-outlets, art. no. 395019

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**297844**	1/150	1	
polar white	**297819**	1/150	1	
vanilla	**297882**	1/150	1.2	
ice blue	**297888**	1/150	1.2	
light grey	**297829**	1/150	1.2	
midnight blue	**297878**	1/150	1.2	
dark brazil	**297815**	1/150	1.2	
black grey	**297869**	1/150	1.2	
aluminium	**297860**	1/150	1.2	
metallic				
antique brass	**297843**	1/150	1.4	
stainless steel	**297846**	1/150	1.2	



Loudspeaker connection insert, 2-gang

The poles are labelled in different colours.
Conductor cross-section up to max. 10 mm².
With quick plug-in terminals. With screw terminals on the back.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
polar white	**467019**	10/50	1	
anthracite	**467014**	10/50	1	

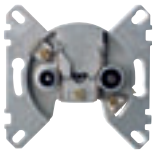


Central plate for antenna socket-outlets

For AEG, Astro, Bosch, Fuba, Hirschmann, Kathrein, Philips, Polytron, Siemens, Wisi, Zehnder etc.
Third opening can be broken open for satellite socket.

To be completed with: Broadband cable/satellite through-way box, 2-gang, art. no. 466098.Broadband cable/satellite branch-circuit box, 2-gang, art. no. 466099.Satellite antenna socket-outlet, 3-gang, art. no. 466097.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**294144**	5/250	1	
polar white	**294119**	5/250	1	
vanilla	**294182**	5/250	1.2	
ice blue	**294188**	5/250	1.2	
light grey	**294129**	5/250	1.2	
midnight blue	**294178**	5/250	1.2	
dark brazil	**294115**	5/250	1.2	
black grey	**294169**	5/250	1.2	
aluminium	**294160**	5/250	1.2	
metallic				
antique brass	**294143**	5/250	1.4	
stainless steel	**294146**	5/250	1.2	



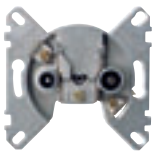
Broadband cable/satellite through-way box, 2-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Broadband directional coupler box for loop-through systems in broadband cable, communal aerial and satellite distribution systems.
Suitable for flush-mounted boxes of Ø 55-65 mm.
With claw and screw fixing.

To be completed with: Central plate for antenna socket-outlet, art. no. System M 2967.., 2975.., System Basis 2948.., System Design 2941.., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466098	1/54	1	



Broadband cable/satellite antenna branch-circuit box, 2-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Broadband directional coupler box for branch-circuit and star-type distribution systems in broadband cable, communal aerial and satellite distribution systems. With DC transmission via the TV connection. Suitable for flush-mounted boxes of Ø 55-65 mm.
With claw and screw fixing.
DC transmission: max. 24 V/400 mA
Signal: 22 kHz and DiSEqC

To be completed with: Central plate for antenna socket-outlet, art. no. System M 2967.., 2975.., System Basis 2948.., System Design 2941.., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466099	1/54	1	



Satellite antenna socket-outlet, 3-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Single satellite socket-outlet, 3-gang. For individual branch-circuit and star-type distribution systems in communal aerial and satellite distribution systems. With DC transmission via the satellite connection. Suitable for flush-mounted boxes of Ø 55-65 mm.
With claw and screw fixing.
DC transmission: max. 24 V/320 mA
Signal: 22 kHz and DiSEqC

To be completed with: Central plate for antenna socket-outlet, art. no. System M 2967.., 2975.., System Basis 2948.., System Design 2941.., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466097	1/54	1	

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Central plate for Hirschmann 4-gang antenna socket-outlets

The central plate must be completed with the 4-gang antenna socket-outlet, art. no. GEVU 15S or EVU 02F from Hirschmann.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**464144**	10/240	1	
polar white	**464119**	10/240	1	
vanilla	**464182**	10/240	1.2	
ice blue	**464188**	10/240	1.2	
light grey	**464129**	10/240	1.2	
midnight blue	**464178**	10/240	1.2	
dark brazil	**464115**	10/240	1.2	
black grey	**464169**	10/240	1.2	
aluminium	**464160**	10/240	1.2	
metallic				
varnished stainless steel	**464146**	10/240	1.2	



Central plate for Ankaro 4-gang antenna socket-outlets

The central plate is to be completed with the 4-gang antenna socket-outlet (art. no. SAT 400 EAS DC) from Ankaro. Also suitable for antenna socket-outlet GUT 400 from Astro.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**464244**	10/240	1	
polar white	**464219**	10/240	1	
vanilla	**464282**	10/240	1.2	
ice blue	**464288**	10/240	1.2	
light grey	**464229**	10/240	1.2	
midnight blue	**464278**	10/240	1.2	
dark brazil	**464215**	10/240	1.2	
black grey	**464269**	10/240	1.2	
aluminium	**464260**	10/240	1.2	
metallic				
varnished stainless steel	**464246**	10/240	1.2	



Central plate for EURO AV plug-in socket

SCART socket in line with DIN-EN 50049.

Connection between television and peripheral devices such as video recorder, satellite receiver, game console, video camera, PC etc.
Contacts with solder connections.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180...

Contents: With socket and supporting plate for screw fixing.

Version	Art. no.	PU	PG	Info
white	**461274**	5/120	1	
polar white	**461219**	5/120	1	
vanilla	**461282**	5/120	1.2	
ice blue	**461288**	5/120	1.2	
light grey	**461229**	5/120	1.2	
midnight blue	**461278**	5/120	1.2	
dark brazil	**461215**	5/120	1.2	
black grey	**461269**	5/120	1.2	
aluminium	**461260**	5/120	1.2	
varnished stainless steel	**461246**	5/120	1.2	

Visual call systems

Central plate for nurse call systems "clino com 95", "clino opt 99" and "clino com 21" by Ackermann.

- For hospitals, homes for the elderly and disabled, clinics.
- You can obtain the relevant inserts directly from Ackermann.

For completion with ARTEC, TRANCENT and ANTIK frames.



Central plate for bus terminal switch and empty unit

Corresponds to the Ackermann cover, order no. 88910 A3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**442544**	10/120	1	
polar white	**442519**	10/120	1	



Central plate for call module with call button

Corresponds to the Ackermann cover, order no. 88881 K3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**442644**	10/120	1	
polar white	**442619**	10/120	1	



Central plate for call module with call button and plug-in contact

Corresponds to the Ackermann cover, order no. 88881 L3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**442744**	10/120	1	
polar white	**442719**	10/120	1	



Central plate for call module with call button and plug-in contacts

Corresponds to the Ackermann cover, order no. 88881 J3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**442844**	10/120	1	
polar white	**442819**	10/120	1	



Central plate for call button

Corresponds to the Ackermann cover, order no. 88881 G3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**442944**	10/120	1	
polar white	**442919**	10/120	1	



Central plate for call button/ doctor call button

Corresponds to the Ackermann cover, order no. 88881 A3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**443044**	10/120	1	
polar white	**443019**	10/120	1	



Central plate for call button with plug-in contact

Corresponds to the Ackermann cover, order no. 88881 A3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**443144**	10/120	1	
polar white	**443119**	10/120	1	



Central plate for pull-cord switch

Corresponds to the Ackermann cover, order no. 88880 A3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**443244**	10/120	1	
polar white	**443219**	10/120	1	



Central plate for pneumatic call button

Corresponds to the Ackermann cover, order no. 88880 C3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**443344**	10/120	1	
polar white	**443319**	10/120	1	



Central plate for call unit as plug-in contact

Corresponds to the Ackermann cover, order no. 88911 B3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**443444**	10/120	1	
polar white	**443419**	10/120	1	



Central plate for call unit as plug-in contacts

Corresponds to the Ackermann cover, order no. 88911 C3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**443544**	10/120	1	
polar white	**443519**	10/120	1	



Central plate for call unit as a diagnostic/plug-in contact

Corresponds to the Ackermann cover, order no. 88912 E3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**443644**	10/120	1	
polar white	**443619**	10/120	1	



Central plate for call unit as plug-in diagnostic contact

Corresponds to the Ackermann cover, order no. 88912 A3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**443744**	10/120	1	
polar white	**443719**	10/120	1	



Central plate for call unit as plug-in diagnostic contacts

Corresponds to the Ackermann cover, order no. 88912 A3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**443844**	10/120	1	
polar white	**443819**	10/120	1	

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Central plate for call/cutout button

Corresponds to the Ackermann cover, order no. 88882 A3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**443944**	10/120	1	
polar white	**443919**	10/120	1	



Central plate for cutout button, green

Corresponds to the Ackermann cover, order no. 88881 H3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**444044**	10/120	1	
polar white	**444019**	10/120	1	



Central plate for cutout button, yellow

Corresponds to the Ackermann cover, order no. 88881 M3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**444144**	10/120	1	
polar white	**444119**	10/120	1	



Central plate for cutout button

Corresponds to the Ackermann cover, order no. 88882 B3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**444244**	10/120	1	
polar white	**444219**	10/120	1	



Central plate for bus connection unit

Corresponds to the Ackermann cover, order no. 88911 J3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**444344**	10/120	1	
polar white	**444319**	10/120	1	



Central plate for study unit

Corresponds to the Ackermann cover, order no. 88882 C3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**444444**	10/120	1	
polar white	**444419**	10/120	1	



Central plate for radio unit

Corresponds to the Ackermann cover, order no. 88912 K3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**444544**	10/120	1	
polar white	**444519**	10/120	1	



Central plate for station selection switch

Corresponds to the Ackermann cover, order no. 88912 H3.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**444644**	10/120	1	
polar white	**444619**	10/120	1	

Accessories



Symbols, rectangular

For rockers and switches with square opening.

Version	Art. no.	PU	PG	Info
neutral, white	**395500**	100/4000	1	
light, white	**395600**	100/4000	1	
door, white	**395700**	100/4000	1	
bell, white	**395800**	100/4000	1	
neutral, clear	**395569**	100/4000	1	
light, clear	**395669**	100/4000	1	
door, clear	**395769**	100/4000	1	
bell, clear	**395869**	100/4000	1	
neutral, red transp.	**395900**	100/4000	1	



Labelling strips for switches, socket-outlets

For individual labelling.

To be completed with: Rocker with labelling field, art. no. System Design 4123...SCHUKO socket-outlet insert with labelling field, art. no. System Design 2379...Central plate for telephone socket-outlet TAE, art. no. System Design 2978...Central plate for RJ45 insert, 2-gang, art. no. System Design 2926...Central plate for AMP-ACO, art. no. System Design 4616...Inclined outlet, art. no. System Design 4643...
Accessories: Labelling software, art. no. 615022.
Contents: 1 sheet for 36 products.

Version	Art. no.	PU	PG	Info
polar white	**395019**	1/100	1	



Adapter

Inserts for System M can be integrated into System Design with the adapter.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**518444**	10/300	1	
polar white, glossy	**518419**	10/300	1	
vanilla	**518482**	10/300	1.2	
ice blue	**518488**	10/300	1.2	
light grey	**518429**	10/300	1.2	
midnight blue	**518478**	10/300	1.2	
dark brazil	**518415**	10/300	1.2	
black grey	**518469**	10/300	1.2	
aluminium	**518460**	10/300	1.2	
varnished stainless steel	**518446**	10/300	1.2	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Intermediate ring with hinged lid

Using the intermediate ring, System M inserts can be integrated into System Design with the normal construction height (e.g. TAE, UAE, socket-outlets etc.)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**516444**	5/120	1	
polar white	**516419**	5/120	1	
aluminium	**516460**	5/120	1.2	
metallic				
antique brass	**516443**	5/120	1.4	
stainless steel	**516446**	5/120	1.2	



Adapter

Inserts for System Basis can be integrated into System Design with the adapter.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**518044**	10/300	1	
polar white	**518019**	10/300	1	
vanilla	**518082**	10/300	1.2	
ice blue	**518088**	10/300	1.2	
light grey	**518029**	10/300	1.2	
midnight blue	**518078**	10/300	1.2	
dark brazil	**518015**	10/300	1.2	
black grey	**518069**	10/300	1.2	
aluminium	**518060**	10/300	1.2	
metallic				
varnished stainless steel	**518046**	10/300	1.2	



Assortment of special screws

Additional, invisible screw fixing of OctoColor, System M or System Design frames.
The bearing plate of the rocker can be fixed with 2 screws on the base.

Contents: 10 screws.

Version	Art. no.	PU	PG	Info
	399898	10/1000	1	

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Inserts for the ARTEC range can be found under "System Design/Inserts".

- Notes on materials: ARTEC is available in various materials. All versions are fully compatible with each other.

- **Thermoplastic brilliant:** Shatter-proof material with high gloss finish.
- **Metal:** Real metal surface or metallic finish.
- **Duroplastic, highly scratch-resistant:** Highly scratch-resistant material with glossy finish. Not all inserts are available in duroplastic, in these cases you should use thermoplastic brilliant.

Technical Information: System Design dimensions (⇒ p. 424)

ARTEC frames

- Suitable for installation in trunking systems.



ARTEC frame, 1-gang

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**481119**	10/300	1	
vanilla	**481182**	2/196	1.2	
ice blue	**481188**	2/196	1.2	
light grey	**481129**	2/196	1.2	
ruby red	**481106**	2/196	1.2	
midnight blue	**481178**	2/196	1.2	
dark brazil	**481115**	2/196	1.2	
black grey	**481169**	2/196	1.2	
aluminium	**481160**	2/196	1.2	
metallic				
stainless steel	**481146**	2/196	1.2	
Duroplastic, highly scratch-resistant				
white	**481194**	10/220	1	
polar white	**481199**	10/220	1	



ARTEC frame, 2-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**481219**	10/200	1	
vanilla	**481282**	2/100	1.2	
ice blue	**481288**	2/100	1.2	
light grey	**481229**	2/100	1.2	
midnight blue	**481278**	2/100	1.2	
dark brazil	**481215**	2/100	1.2	
black grey	**481269**	2/100	1.2	
aluminium	**481260**	2/100	1.2	
metallic				
stainless steel	**481246**	2/100	1.2	
Duroplastic, highly scratch-resistant				
white	**481294**	10/120	1	
polar white	**481299**	10/120	1	



ARTEC frame, 3-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**481319**	10/60	1	
vanilla	**481382**	2/68	1.2	
ice blue	**481388**	2/68	1.2	
light grey	**481329**	2/68	1.2	
midnight blue	**481378**	2/68	1.2	
dark brazil	**481315**	2/68	1.2	
black grey	**481369**	2/68	1.2	
aluminium	**481360**	2/68	1.2	
metallic				
stainless steel	**481346**	2/68	1.2	
Duroplastic, highly scratch-resistant				
white	**481394**	10/80	1	
polar white	**481399**	10/80	1	



ARTEC frame, 4-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**481419**	2/44	1	
vanilla	**481482**	2/44	1.2	
ice blue	**481488**	2/44	1.2	
light grey	**481429**	2/44	1.2	
midnight blue	**481478**	2/44	1.2	
dark brazil	**481415**	2/44	1.2	
black grey	**481469**	2/44	1.2	
aluminium	**481460**	2/44	1.2	
metallic				
stainless steel	**481446**	2/44	1.2	
Duroplastic, highly scratch-resistant				
white	**481494**	10/60	1	
polar white	**481499**	10/60	1	

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ARTEC frame, 5-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**481519**	1/38	1	
vanilla	**481582**	1/38	1.2	
ice blue	**481588**	1/38	1.2	
light grey	**481529**	1/38	1.2	
midnight blue	**481578**	1/38	1.2	
dark brazil	**481515**	1/38	1.2	
black grey	**481569**	1/38	1.2	
aluminium	**481560**	1/38	1.2	
metallic				
stainless steel	**481546**	1/38	1.2	
Duroplastic, highly scratch-resistant				
white	**481594**	1/38	1	
polar white	**481599**	1/38	1	

Surface-mounted housing for M-SMART, M1, ARTEC, OCTO-COLOR

- **Thermoplastic version.**
- Suitable mini trunking (15x15 mm) is supplied by the trunking manufacturer.

Technical Information: Surface-mounted housing dimensions (⇒ p. 441)



Surface-mounted housing, 1-gang

With enclosed base and guide slots for partition walls. 2 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**512144**	1/40	1.5	
polar white	**512119**	1/40	1.5	
vanilla	**512182**	1/40	1.5	
ice blue	**512188**	1/40	1.5	
light grey	**512129**	1/40	1.5	
ruby red	**512106**	1/40	1.5	
midnight blue	**512178**	1/40	1.5	
dark brazil	**512115**	1/40	1.5	
black grey	**512169**	1/40	1.5	



Surface-mounted housing, 2-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**512244**	1/20	1.5	
polar white	**512219**	1/20	1.5	
vanilla	**512282**	1/20	1.5	
ice blue	**512288**	1/20	1.5	
light grey	**512229**	1/20	1.5	
midnight blue	**512278**	1/20	1.5	
dark brazil	**512215**	1/20	1.5	
black grey	**512269**	1/20	1.5	



Surface-mounted housing, 3-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**512344**	1/15	1.5	
polar white	**512319**	1/15	1.5	
vanilla	**512382**	1/15	1.5	
ice blue	**512388**	1/15	1.5	
light grey	**512329**	1/15	1.5	
midnight blue	**512378**	1/15	1.5	
dark brazil	**512315**	1/15	1.5	
black grey	**512369**	1/15	1.5	



Cable entry

For cables and mini trunking.

Version	Art. no.	PU	PG	Info
white	**535162**	20/2000	1.5	
polar white	**535160**	20/2000	1.5	
light grey	**535163**	20/2000	1.5	



Mini-trunking entry (15 mm)

For 15 x 15 mm ducts.

Version	Art. no.	PU	PG	Info
white	**535062**	10/1000	1.5	
polar white	**535060**	10/1000	1.5	
light grey	**535063**	10/1000	1.5	

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SCHUKO socket-outlets

Socket-outlet inserts for international markets.
- Most SCHUKO socket-outlets have plug-in terminals.
- All versions with screw terminals are described accordingly.
- Both terminal types are connecting terminals in accordance with VDE 0620 Part 1.

Technical Information: SCHUKO socket-outlet dimensions (⇒ p. 426)



SCHUKO double socket-outlet

16 A, AC 250 V, DIN 49440

Suitable for a size 60 installation box.
With plug-in terminals.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**232144**	5/30	1	
polar white	**232119**	5/30	1	
vanilla	**232182**	5/30	1.2	
ice blue	**232188**	5/30	1.2	
light grey	**232129**	5/30	1.2	
midnight blue	**232178**	5/30	1.2	
dark brazil	**232115**	5/30	1.2	
black grey	**232169**	5/30	1.2	
aluminium	**232160**	5/30	1.2	
metallic				
stainless steel	**232146**	5/30	1.2	



SCHUKO double socket-outlet, flat design

16 A, AC 250 V, DIN 49440

For integration into a double mounting box.
With plug-in terminals.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**231544**	2/30	1	
polar white	**231519**	2/30	1	



SCHUKO double socket-outlet with increased protection against accidental contact

16 A, AC 250 V, DIN 49440

In ARTEC design.
Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Suitable for one size 60 mounting box.
With plug-in terminals.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**232519**	5/30	1	
aluminium	**232560**	5/30	1.1	
metallic				
stainless steel	**232546**	5/30	1.1	

Socket-outlets

Socket-outlet inserts for international markets.



Double socket-outlet without earthing contact

16 A, AC 250 V, CEE 7 Standard Sheet I

Suitable for **one** size 60 mounting box.
With plug-in terminals.
Without claws, for screw fixing.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**212144**	5/30	1	
polar white	**212119**	5/30	1	
vanilla	**212182**	5/30	1.2	
ice blue	**212188**	5/30	1.2	
light grey	**212129**	5/30	1.2	
midnight blue	**212178**	5/30	1.2	
black grey	**212169**	5/30	1.2	
aluminium	**212160**	5/30	1.2	
metallic				
stainless steel	**212146**	5/30	1.2	

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Double socket-outlet with increased protection against accidental contact

In ARTEC design.
Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Suitable for one size 60 mounting box.

Contents: Complete device with full cover plate.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**211419**	5/30	1	
aluminium	**211460**	5/30	1.1	
metallic				
stainless steel	**211446**	5/30	1.1	

Accessories



Adapter

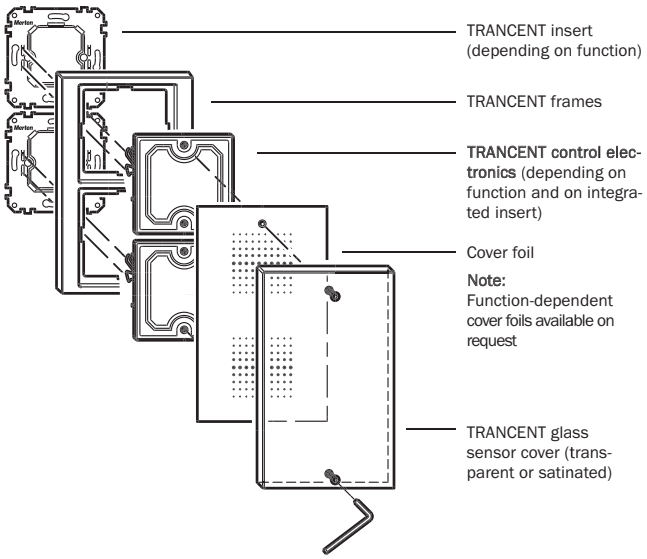
Inserts for System Basis can be integrated into System Design with the adapter.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**518044**	10/300	1	
polar white	**518019**	10/300	1	
vanilla	**518082**	10/300	1.2	
ice blue	**518088**	10/300	1.2	
light grey	**518029**	10/300	1.2	
midnight blue	**518078**	10/300	1.2	
dark brazil	**518015**	10/300	1.2	
black grey	**518069**	10/300	1.2	
aluminium	**518060**	10/300	1.2	
metallic				
varnished stainless steel	**518046**	10/300	1.2	

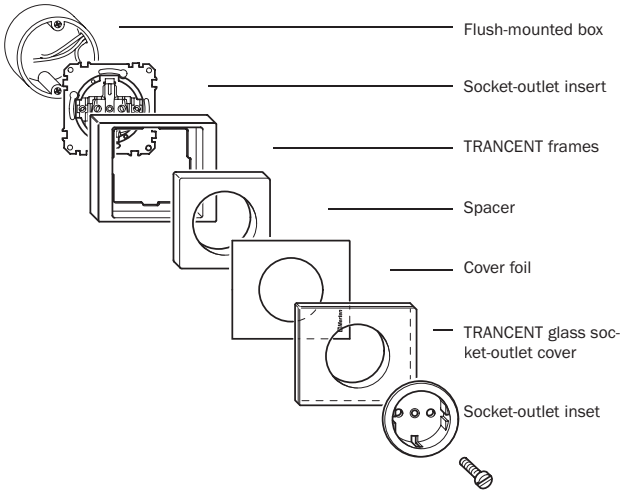
TRANCENT

Structure

The system consists of the following components:
(The illustration shows the structure of a 2-gang combination)



TRANCENT socket-outlets



TRANCENT control electronics

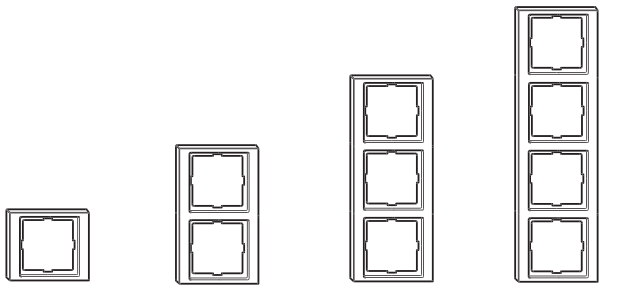
The TRANCENT control electronics are also elements of the system module. They are plugged onto the corresponding electronic switches, relay switches and memory super dimmers, together with frame. The glass sensor cover, containing the individually labelled cover foil, is then screwed on.

The permitted combinations can be found in the functional and device overview table for TRANCENT devices.

The inserts can then be operated through the glass cover. The active cover, which is touched to trigger the switch, is indicated by the dotted area. The function is triggered by simply touching the active cover - there is no need to apply pressure. A minimum area of coverage is required when touching the glass (such as the tip of one or two fingers). The minimum time period for which the cover must be touched is 0.5 seconds.

When installed horizontally, the TRANCENT insert is mounted at a rotated angle of 90°.

Frames



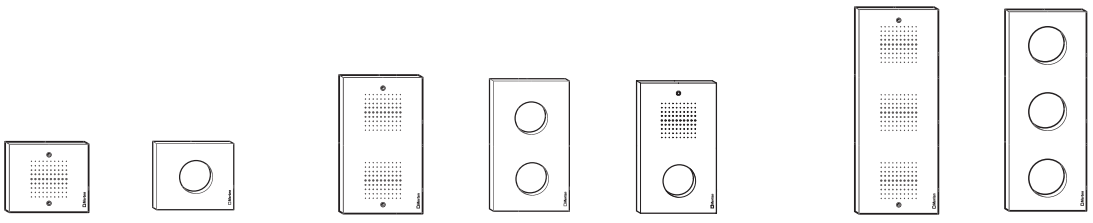
TRANCENT frame, 1-gang, art. no. 482160

TRANCENT frame, 2-gang, art. no. 482260

TRANCENT frame, 3-gang, art. no. 482360

TRANCENT frame, 4-gang, art. no. 482460

TRANCENT glass cover



	Glass sensor cover, 1-gang	Glass socket-outlet cover, 1-gang	Glass sensor cover, 2-gang	Glass socket-outlet cover, 2-gang	Glass sensor cover, 1-gang, with glass socket-outlet cover, 1-gang	Glass sensor cover, 3-gang	Glass socket-outlet cover, 3-gang
transparent	569100	569400	569200	568200	569500	569300	568300
satinated	569101	569401	569201	568201	569501	569301	568301

Delivered with standard cover foil and screws

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Overview of TRANCENT functions and devices

Function	Inserts		Control electronics: Control electronics, 1-gang 569090	Two-circuit control electronics 569091	Roller shutter control electronics 569092	Control electronics, 1- to 4-gang 623190
Electronic switch (2 conductors)						
Switching of ohmic loads - Incandescent lamps, 230 V halogen lamps - Neutral conductor not required - Extension input for push-buttons and extension TELE inserts		Electronic switch insert 575799 (25-400 W) AC 220-230 V, 50-60 Hz	■			
Timed switching of ohmic loads - Incandescent lamps, 230 V halogen lamps - Fully electronic timer - Neutral conductor not required - Extension input for push-buttons and extension TELE inserts - Time period 5 s–5 min.		Electronic time switch insert 575697 (25-400 W)	■			
Pulse generator for surge switches or protective circuits - The switching function is determined by the surge switch or protective circuit used. - Neutral conductor not required. - Extension input for push-buttons and extension TELE inserts		Electronic push-button insert 574697 (4-100 VA)	■			
Relay switch (3 conductors)						
Switching, timed switching, push-button operation of ohmic, inductive and capacitive loads - Push-button function, time function, switch function - Incandescent lamps, energy-saving lamps, LV halogen lamps with conventional transformer, fluorescent lamps - Neutral conductor required - Extension input for push-buttons and extension TELE inserts		Universal relay insert 575897 AC 220-230 V, 50-60 Hz max. 1000 W/VA 500 VA for LV halogen lamps with conventional transformer; max. 140 µF capacitive load	■			
Switching of ohmic, inductive or capacitive loads via two outputs - Neutral conductor required		Roller shutter/two-circuit insert 576499		■		
Dimmer (2 conductors)						
Dimming of ohmic, inductive and capacitive loads - Incandescent lamps, 230 V halogen lamps - Dimmable, wound transformers - Electronic transformers - Phase control or phase alignment - Extension input for push-buttons and extension TELE inserts		Universal super dimmer insert 577099 at 50 Hz: 25 - 420 VA at 60 Hz: 25 - 340 W	■			
Dimming of ohmic loads - Incandescent lamps, 230 V halogen lamps - Phase control - Extension input for push-buttons and extension TELE inserts		Memory super dimmer insert for ohmic load 573399 (60-400 W) 577299 60-600 W, halogen 500 W	■			
Dimming of inductive loads - Dimmable, wound transformers and incandescent lamps - Phase control - Extension input for push-buttons and extension TELE inserts		Memory halogen super dimmer insert for inductive load 573599 (20-500 VA)	■			
Dimming of capacitive loads - Electronic transformers and incandescent lamps - Phase alignment - Extension unit operation with mechanical push-buttons or universal relay insert (art. no. 575897) with configured push-button function.		Memory ET super dimmer insert for capacitive load 577899 (20-315 W)	■			
Extension unit						
Operator function for extension unit as main unit - Control of the extension input of the main unit - Neutral conductor required		Extension TELE insert 573998	■			
Roller shutter/blind						
Control of a blind/roller shutter drive - Neutral conductor required		Roller shutter/serial insert 576499		not permitted	■	
KNX						
		Bus coupler, flush-mounted 2 690299				■

Inserts for the TRANCENT range can be found under "System Design/Inserts". We recommend using inserts in aluminium colour.

- Multi-functional switch generation in elegant glass design
- Easy to operate, at the touch of a button
- Attractive design for prestigious living and working areas
- Individual picture motifs can be incorporated

Thermoplastic brilliant: Shatter-proof material with high gloss finish.

Glass: Glass sensor covers manufactured using a special technique.

Technical Information: System Design dimensions (⇒ p. 424); TRANCENT (⇒ p. 432)

TRANCENT glass sensor covers

- Glass sensor covers manufactured using a special technique.

Technical Information: TRANCENT (⇒ p. 432)



Glass sensor cover, 1-gang

For switching and dimming lighting systems, controlling roller shutters and scenes (KNX).
The glass sensor cover reacts to the lightest of touches. Control electronics evaluate the signal and forward it to the switch, dimming or roller shutter insert or bus coupler.

To be completed with: Control electronics, art. no. 5690.., 623190. TRANCENT frame, 1-gang, art. no. 482160. Switch or super dimmer insert, art. no. 576499, 575799, 574697, 575697, 575897, 573998, 577099, 573399, 577299, 573599, 577899, 690299.
Accessories: Cover foil for glass sensor cover, art. no. 569190.
Contents: With cover foil, 1-gang and screws.

Version	Art. no.	PU	PG	Info
glass				
transparent	**569100**	1/15	1.7	
satinated	**569101**	1/15	1.7	



Glass sensor cover, 2-gang

For switching and dimming lighting systems, controlling roller shutters and scenes (KNX).
The glass sensor cover reacts to the lightest of touches. Control electronics evaluate the signal and forward it to the switch, dimming or roller shutter insert or bus coupler.

To be completed with: Control electronics, art. no. 5690.., 623190. TRANCENT frame, 2-gang, art. no. 482260. Switch or super dimmer insert, art. no. 576499, 575799, 574697, 575697, 575897, 573998, 577099, 573399, 577299, 573599, 577899, 690299.
Accessories: Cover foil for glass sensor cover, art. no. 569290.
Contents: With cover foil, 2-gang and screws.

Version	Art. no.	PU	PG	Info
glass				
transparent	**569200**	1/15	1.7	
satinated	**569201**	1/15	1.7	



Glass sensor cover, 3-gang

For switching and dimming lighting systems, controlling roller shutters and scenes (KNX).
The glass sensor cover reacts to the lightest of touches. Control electronics evaluate the signal and forward it to the switch, dimming or roller shutter insert or bus coupler.

To be completed with: Control electronics, art. no. 5690.., 623190. TRANCENT frame, 3-gang, art. no. 482360. Switch or super dimmer insert, art. no. 576499, 575799, 574697, 575697, 575897, 573998, 577099, 573399, 577299, 573599, 577899, 690299.
Accessories: Cover foil for glass sensor cover, art. no. 569390.
Contents: With cover foil, 3-gang and screws.

Version	Art. no.	PU	PG	Info
glass				
transparent	**569300**	1/15	1.7	
satinated	**569301**	1/15	1.7	

TRANCENT socket-outlets

Technical Information: TRANCENT socket-outlets (⇒ p. 432)



TRANCENT SCHUKO socket-outlet insert with improved protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With plug-in terminals.

To be completed with: TRANCENT glass socket-outlet cover, art. no. 5694.., 5682.., 5683.., 5695...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
aluminium	**230660**	10/50	1.7	

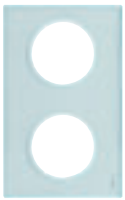


TRANCENT glass socket-outlet cover, 1-gang

To be completed with: TRANCENT SCHUKO socket-outlet insert, art. no. 230660. TRANCENT frame, 1-gang, art. no. 482160.
Contents: With cover foil and spacer.

Version	Art. no.	PU	PG	Info
glass				
transparent	**569400**	1/15	1.7	
satinated	**569401**	1/15	1.7	

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TRANCENT glass socket-outlet cover, 2-gang

To be completed with: TRANCENT SCHUKO socket-outlet insert, art. no. 230660. TRANCENT frame, 2-gang, art. no. 482260.
Contents: With cover foil and spacer.

Version	Art. no.	PU	PG	Info
glass				
transparent	**568200**	1/15	1.7	
satinated	**568201**	1/15	1.7	



TRANCENT glass socket-outlet cover, 3-gang

To be completed with: TRANCENT SCHUKO socket-outlet insert, art. no. 230660. TRANCENT frame, 3-gang, art. no. 482360.
Contents: With cover foil and spacer.

Version	Art. no.	PU	PG	Info
glass				
transparent	**568300**	1/15	1.7	
satinated	**568301**	1/15	1.7	



TRANCENT glass sensor cover, 1-gang with glass socket-outlet cover, 1-gang

For switching and dimming lighting systems, controlling roller shutters and scenes (INSTABUS EIB). The glass sensor cover reacts to the lightest of touches. Control electronics evaluate the signal and forward it to the switch, dimming or roller shutter insert or bus coupler.

To be completed with: Control electronics, art. no. 5690.., 623190. TRANCENT frame, 2-gang, art. no. 482260. Switch or super dimmer insert, art. no. 576499, 575799, 574697, 575697, 575897, 573998, 577099, 573399, 577299, 573599, 577899, 690299. TRANCENT SCHUKO socket-outlet insert, art. no. 230660.
Contents: With cover foil, screw and spacer.

Version	Art. no.	PU	PG	Info
glass				
transparent	**569500**	1/15	1.7	
satinated	**569501**	1/15	1.7	

TRANCENT cover foils

Function-dependent cover foils available on request

Technical Information: TRANCENT (⇒ p. 432)



Cover foil for glass sensor cover

For individual labelling of the TRANCENT glass sensor covers with text or symbols.
For laser printers

Accessories: Labelling software, art. no. 615022.
Contents: For glass sensor cover, 1-gang: 1 sheet for 6 products. For glass sensor cover, 2-gang: 1 sheet for 3 products. For glass sensor cover, 3-gang: 1 sheet for 2 products.

Version	Art. no.	PU	PG	Info
for 569100/01	**569190**	1/100	1.7	
for 569200/01	**569290**	1/100	1.7	
for 569300/01	**569390**	1/100	1.7	

TRANCENT control electronics, 1-gang and inserts

Full-surface operation
- Switching
- Switching/dimming

Technical Information: TRANCENT functions and device overview (⇒ p. 433)



Control electronics, 1-gang

For switching or switching/dimming an output. Single-surface operation.
With orientation LED. Operation of the glass cover is acknowledged with a short tone.

To be completed with: Switch insert, art. no. 575799, 574697, 575697, 575897, 573998. Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. TRANCENT glass sensor cover, art. no. 5691.., 5692.., 5693.., 5695...
Technical Information: TRANCENT (⇒ p. 432)

Version	Art. no.	PU	PG	Info
1-gang	**569090**	1/100	8	



Extension TELE insert

For memory super, halogen super and TELE dimmer, electronic push-button, time switch, relay switch and MET transformers.
Neutral conductor required.
Can be remote controlled.
Operated as with main unit.

To be completed with: TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
	573998	1/60	8	

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Electronic switch insert

AC 230 V

For ohmic load such as incandescent lamps, 230 V halogen lamps.

Switching capacity: 25-400 W
Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695... In the radio system with sensor cover with radio receiver, art. no. System M 5931.., System Design 5930...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Note: Only the "toggle function" can be realised in conjunction with the radio system. The electronic switch insert, cannot be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
25-400 W	**575799**	1/50	8	



Electronic push-button insert

AC 230 V

Pulse generator for surge switches or protective circuits.
The switching function is determined by the surge switch or protective circuit used.

Connected load: 4-100 VA
Switching current: 10-500 mA
Pulse duration: approx. 40 ms
Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
4-100 VA	**574697**	1/60	8	



Electronic time switch insert

AC 230 V

For ohmic loads such as incandescent lamps and 230 V halogen lamps.
Fully electronic timer. Time range 5 s - 5 min.

Connected load: 25-400 W
Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
25-400 W	**575697**	1/60	8	



Relay universal insert

AC 230 V

For ohmic, inductive and capacitive loads such as incandescent lamps, energy-saving lamps, LV halogen lighting with conventional transformer, electronic transformers, fluorescent lamps.
Neutral conductor required.
Functions:

- Push-button function: switched on as long as the push-button is touched, max. 1 minute
- Switching function: ON/OFF
- Time function: 5 s to 1 h

Connected load: max. 1000 W/VA,
500 VA for LV halogen lamps with conventional transformer,
max. 140 µF capacitive load

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
max. 1000 W/VA	**575897**	1/50	8	

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Universal super dimmer insert

AC 230 V

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers or electronic transformers.
Phase control or phase alignment
The universal dimmer automatically recognises the connected load. Do not connect any mixed loads.
With memory function, can be switched off.

Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695... Central plate comfort rotating regulator for Universal super dimmer insert, art. no. System M 5678.., 5677... In the CONNECT radio system with the CONNECT sensor cover for dimmer inserts art. No. System M 5036.., 5026..., System Design 5046...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Universal dimmer (⇒ p. 456); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Note: The insert from version 3A only, can be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
25-420 VA	**577099**	1/50	8	



Memory super dimmer insert for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
(Phase control)
With memory function, can be switched off.

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
60-400 W	**573399**	1/60	8	
60-600 W, halogen 500 W	**577299**	1/60	8	



Memory halogen super dimmer insert for inductive load

AC 230 V

For dimmable, wound transformers and incandescent lamps (inductive/ohmic load).
(Phase control)
With memory function, can be switched off.

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Phase control dimmer (⇒ p. 454); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
20-500 VA	**573599**	1/60	8	



Memory ET super dimmer insert for capacitive load

AC 230 V

For electronic transformers (MET and other brands) and incandescent lamps (ohmic load).
(Phase alignment)
Noise-free, short-circuit-proof, with overload protection, and soft start function to protect the lamps. With memory function, can be switched off.

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With universal relay insert, art. no. 575897, with preset push-button function.

Technical Information: Phase alignment dimmer (⇒ p. 455); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
20-315 W	**577899**	1/60	8	

TRANCENT two-circuit control electronics with insert

Dual-surface operation
- Switching of two outputs

Technical Information: TRANCENT functions and device overview (⇒ p. 433)



Two-circuit control electronics

For switching two outputs. Dual-surface operation.
With orientation LED.

To be completed with: Roller shutter/two-circuit insert, art. no. 576499. TRANCENT glass sensor cover, art. no. 5691.., 5692.., 5693.., 5695...

Version	Art. no.	PU	PG	Info
two-circuit	**569091**	1/100	8	



Roller shutter/two-circuit insert

AC 230 V, 50-60 Hz

Neutral conductor **required.**

Switching capacity: AC 230 V, 1000 W/VA for both channels together
Capacitive load: AC 230 V, max. 140 µF
Power consumption: <1 W
Wire range: max. 2x2.5 mm²

To be completed with: Roller shutter control electronics, art. no. 569092, two-circuit control electronics, art. no. 569091.
Technical Information: TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
1000 VA	**576499**	1/50	8	

TRANCENT roller shutter control electronics and insert

Dual-surface operation
- Control of a blind/roller shutter drive

Technical Information: TRANCENT functions and device overview (⇒ p. 433)



Roller shutter control electronics

For controlling a blind/roller shutter drive. Dual-surface operation.
With orientation LED.

To be completed with: Roller shutter/two-circuit insert, art. no. 576499. TRANCENT glass sensor cover, art. no. 5691.., 5692.., 5693.., 5695...

Version	Art. no.	PU	PG	Info
roller shutter	**569092**	1/100	8	



Roller shutter/two-circuit insert

AC 230 V, 50-60 Hz

Neutral conductor **required.**

Switching capacity: AC 230 V, 1000 W/VA for both channels together
Capacitive load: AC 230 V, max. 140 µF
Power consumption: <1 W
Wire range: max. 2x2.5 mm²

To be completed with: Roller shutter control electronics, art. no. 569092, two-circuit control electronics, art. no. 569091.
Technical Information: TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
1000 VA	**576499**	1/50	8	

KNX

Technical Information: TRANCENT functions and device overview (⇒ p. 433)



Control electronics, 1- to 4-gang

For the TRANCENT range.
The control electronics can be programmed as a 1-, 2- or 4-gang sensor cover.
With orientation LED. Operation of the glass cover is acknowledged with a short tone.

KNX software functions:
The covers facing each other can either be parameterised as a pair (dual-surface) or as individual buttons (single-surface). There are a total of 12 parameterisation options available.
Single-surface: dimming, toggling, pulse edges, temperature, scenes.
Dual-surface: blind control, switching, dimming, toggling, pulse edges, temperature, scene.

In KNX, to be completed with: Bus coupler, flush-mounted 2, art. no. 690299. TRANCENT glass sensor cover, art. no. 5691.., 5692.., 5693.., 5695...
Accessories: Cover foil for glass sensor cover, art. no. 569190, 569290, 569390.

Version	Art. no.	PU	PG	Info
1- to 4-gang	**623190**	1/100	9	

Signal and info covers

Technical Information: TRANCENT (⇒ p. 432)



Blanking cover for labelling purposes

For the labelling of e.g. doorplates. The blanking cover is fastened to a size 60 mounting box.

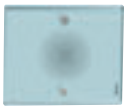
To be completed with: TRANCENT glass sensor cover, art. no. 5691.., 5692.., 5693.., 5695...

Version	Art. no.	PU	PG	Info
	569000	1/100	1.7	

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Access control

Technical Information: TRANCENT (⇒ p. 432)



TRANCENT access control

For the access control of individual doors with electric door opening mechanism. The door opening mechanism is activated by passing the access transponder over the TRANCENT glass cover. No contact is necessary. For installation in a standard flush-mounted box.
Up to 100 access transponders can be taught into one device. All access transponders are globally unique.

Power supply: DC 10-24 V, AC 10-18 V
Output: 1, floating relay contact, make contact, 25 V, 1 A
Input: 1, floating contact
Door opening time: can be set between 2 s-10 s.
Type of protection: IP 20

Accessories: TRANCENT access transponder card, art. no. 568992. TRANCENT access transponder keyring, art. no. 568991.
Contents: Complete set comprising 1 x reading device in TRANCENT design, 1 x access transponder card, 1 x master key transponder card for programming and 1 x master key transponder card for deleting the access transponder.

Version	Art. no.	PU	PG	Info
	568960	1/5	8.1	



TRANCENT access transponder keyring

Non-battery transponder as keyring to complement the TRANCENT access control.
The door opening mechanism is activated by passing the access transponder over the TRANCENT glass cover.

Accessories from: TRANCENT access control, art. no. 568960.

Version	Art. no.	PU	PG	Info
black	**568991**	1/1000	8.1	

TRANCENT access transponder card

Non-battery transponder as card to extend the TRANCENT access control.
The door opener is activated by passing the card in front of the TRANCENT glass cover without touching it.

Accessories from: TRANCENT access control, art. no. 568960.

Version	Art. no.	PU	PG	Info
polar white	**568992**	1/1000	8.1	

TRANCENT frames

Technical Information: TRANCENT (⇒ p. 432)



TRANCENT frame, 1-gang

For vertical and horizontal installation.

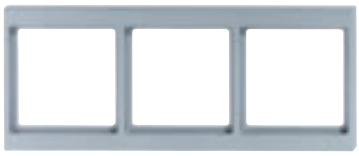
Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
aluminium	**482160**	2/176	1.7	



TRANCENT frame, 2-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
aluminium	**482260**	2/102	1.7	



TRANCENT frame, 3-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
aluminium	**482360**	2/60	1.7	



TRANCENT frame, 4-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
aluminium	**482460**	2/42	1.7	

Inserts for the ANTIK range can be found under "System Design/Inserts". We recommend using inserts in white, polar white, dark brazil and antique brass.

- **Thermoplastic brilliant:** Shatter-proof material with high gloss finish.
- **Metal:** Real metal frame. The "Antique brass" surface is hand-finished, which is a complex process. This can result in small variations in the surface appearance.
- **Technical Information:** System Design dimensions (⇒ p. 424)

ANTIK frames



ANTIK frame, 1-gang

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**483144**	2/160	1.4	
polar white	**483119**	2/160	1.4	
dark brazil	**483115**	2/160	1.4	
metallic				
polished brass	**483121**	2/160	1.4	
antique brass	**483143**	2/160	1.4	



ANTIK frame, 2-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**483244**	2/90	1.4	
polar white	**483219**	2/90	1.4	
dark brazil	**483215**	2/90	1.4	
metallic				
polished brass	**483221**	2/90	1.4	
antique brass	**483243**	2/90	1.4	



ANTIK frame, 3-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**483344**	2/72	1.4	
polar white	**483319**	2/72	1.4	
dark brazil	**483315**	2/72	1.4	
metallic				
polished brass	**483321**	2/72	1.4	
antique brass	**483343**	2/72	1.4	



ANTIK frame, 4-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**483444**	2/44	1.4	
polar white	**483419**	2/44	1.4	
dark brazil	**483415**	2/44	1.4	
metallic				
polished brass	**483421**	2/44	1.4	
antique brass	**483443**	2/44	1.4	



ANTIK frame, 5-gang

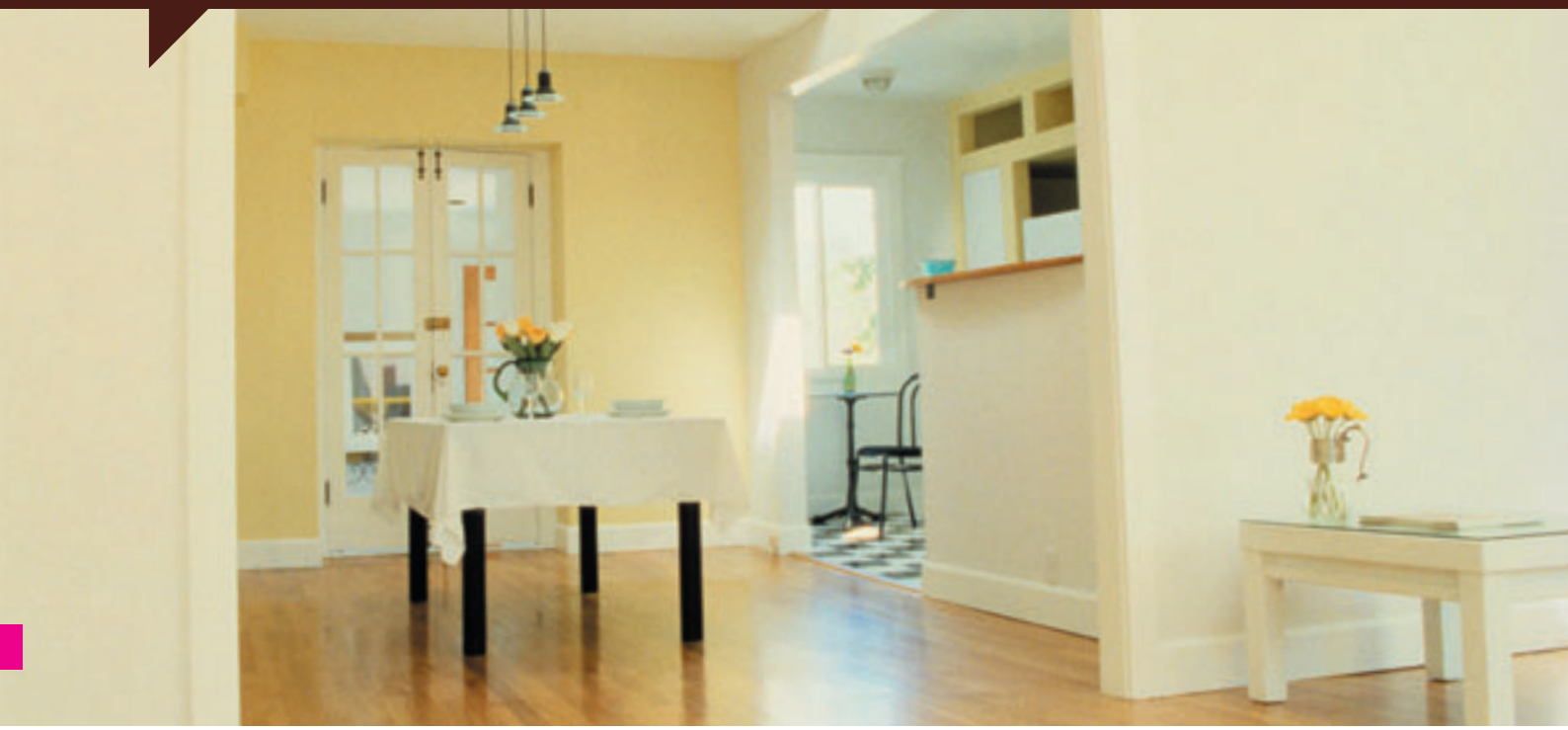
For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**483544**	1/38	1.4	
polar white	**483519**	1/38	1.4	
dark brazil	**483515**	1/38	1.4	
metallic				
polished brass	**483521**	1/38	1.4	
antique brass	**483543**	1/38	1.4	

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OCTOCOLOR
SET THE RIGHT TONE



Today classic white, tomorrow fashionable bronze metallic. Not only does OCTOCOLOR allow your customers to set the tone, they can also change it in no time at all. They have a wide range of basic frame and rocker colours to choose from, as well as attractive shades for the model's distinctive ring.



CONTENTS



inserts
from page 20 onwards



Frames
from page 228 onwards



Colour rings
from page 229 onwards



Switch rockers
from page 208 onwards



208 OCTOCOLOR/INSERTS

208 Switch rockers
208 Push-down buttons
209 SCHUKO socket-outlets and accessories
211 Socket-outlets and accessories
212 Switches, time switches and central plates
214 Covers for dimmers
214 Roller shutter switches
215 Blind control system
216 Movement detectors
217 Room temperature control units
218 Central plates for communications technology
219 Communications inserts
221 Telecommunications
224 Data technology
225 TV/audio
227 Accessories

228 OCTOCOLOR/FRAMES

228 OCTOCOLOR frames
229 Surface-mounted housing for M-SMART, M1, ARTEC, OCTOCOLOR

All inserts that fit OCTOCOLOR frames can be found under "OCTOCOLOR/Inserts".

- **Thermoplastic brilliant:** Shatter-proof material with high gloss finish.
- **Metal:** Real metal surface or metallic finish.
- **Technical Information:** OCTOCOLOR dimensions (⇒ p. 425)

Switch rockers

For completion with rocker switch inserts.



Rocker

For two-way switch, intermediate switch and push-button insert.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**332144**	10/120	1	
polar white	**332119**	10/260	1	
metallic				
bronze metallic	**332142**	5/120	1.2	
titanium	**332105**	5/120	1.2	



Rocker marked 0/1

For 2- and 3-pole rocker switch insert.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**332244**	10/120	1	
polar white	**332219**	10/120	1	
metallic				
bronze metallic	**332242**	5/120	1.2	
titanium	**332205**	5/120	1.2	



Rocker for two-circuit switch

For two-way, double two-way switch and double push-button insert.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**332544**	10/120	1	
polar white	**332519**	10/120	1	
metallic				
bronze metallic	**332542**	5/120	1.2	
titanium	**332505**	5/120	1.2	



Rocker with labelling field

For permanent labelling.
For two-way switch, intermediate switch and push-button.
Illuminated.

Contents: 5 pictograms per rocker (1 service, 1 light, 1 bell, 1 "Heating emergency switch", 1 neutral).

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**332344**	5/120	1	
polar white	**332319**	5/120	1	
metallic				
bronze metallic	**332342**	5/120	1.2	
titanium	**332305**	5/120	1.2	



Rocker with oval opening for symbols

For control switch and push-button insert.

Accessories: Symbols, oval, art. no. 395530/68, 395630/68, 395730/68, 395830/68, 395930.
Contents: For PU 5: 2 light, 1 door, 1 bell (clear), 5 neutral (red transparent). For PU 10: 4 light, 2 door, 2 bell (clear), 10 neutral (red transparent).

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**332844**	10/120	1	
polar white	**332819**	10/120	1	
metallic				
bronze metallic	**332842**	5/120	1.2	
titanium	**332805**	5/120	1.2	

Push-down buttons

For completion with push-down switch inserts.



Push-down button

For push-down two-way and push-down intermediate switch insert, recognisable by the blue contact piece.

To be completed with: Push-down control switch insert, art. no. 330600, 330700.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**333144**	10/120	1	
polar white	**333119**	10/120	1	
metallic				
bronze metallic	**333142**	5/120	1.2	
titanium	**333105**	5/120	1.2	

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Push-down button for two-circuit switch

For push-down two-circuit switch inserts, recognisable by the blue contact piece.

To be completed with: Push-down two-circuit switch insert, art. no. 330500.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**333544**	10/120	1	
polar white	**333519**	10/120	1	
metallic				
bronze metallic	**333542**	5/120	1.2	
titanium	**333505**	5/120	1.2	



Push-down button with red transparent opening for symbols

For push-down control switch insert, recognisable by the blue contact piece.

To be completed with: Push-down control switch insert, art. no. 332200, 332600.
Accessories: Symbols, oval, art. no. 395530/68, 395630/68, 395730/68, 395830/68, 395930.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**333844**	10/120	1	
polar white	**333819**	10/120	1	
metallic				
bronze metallic	**333842**	5/120	1.2	
titanium	**333805**	5/120	1.2	



Rocker in push-down design

For rocker button insert.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**331894**	10/120	1	
polar white	**331899**	10/120	1	
metallic				
bronze metallic	**331892**	5/120	1.2	
titanium	**331895**	5/120	1.2	



Rocker in push-down design with oval opening for symbols

For rocker button insert.

Accessories: Symbols, oval, art. no. 395530/68, 395630/68, 395730/68, 395830/68, 395930.
Contents: For PU 5: 2 light, 1 door, 1 bell (clear), 5 neutral (red transparent). For PU 10: 4 light, 2 door, 2 bell (clear), 10 neutral (red transparent).

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**331844**	10/120	1	
polar white	**331819**	10/120	1	
metallic				
bronze metallic	**331842**	5/120	1.2	
titanium	**331805**	5/120	1.2	

SCHUKO socket-outlets and accessories

- Most SCHUKO socket-outlets have plug-in terminals.
- All versions with screw terminals are described accordingly.
- Connecting terminals in accordance with VDE 0620 Part 1.

System Basis socket-outlet inserts can be integrated into OCTOCOLOR using adapters, art. no. 5170..



SCHUKO socket-outlet insert

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**234044**	10/100	1	
polar white	**234019**	10/100	1	
metallic				
bronze metallic	**234042**	10/100	1.2	
titanium	**234005**	10/50	1.2	



SCHUKO socket-outlet insert with improved protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With plug-in terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**234144**	10/50	1	
polar white	**234119**	10/50	1	
metallic				
bronze metallic	**234142**	10/40	1.2	
titanium	**234105**	10/40	1.2	

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SCHUKO socket-outlet insert with labelling field

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Contents: With 2 lettering strips per insert for labelling.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**233944**	10/50	1	
polar white	**233919**	10/50	1	
metallic				
bronze metallic	**233942**	10/40	1.2	
titanium	**233905**	10/40	1.2	



SCHUKO socket-outlet insert with hinged lid

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**230244**	10/50	1	
polar white	**230219**	10/50	1	
metallic				
bronze metallic	**230242**	10/40	1.2	
titanium	**230205**	10/40	1.2	



SCHUKO socket-outlet insert with hinged lid and improved protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With plug-in terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**232244**	10/50	1	
polar white	**232219**	10/50	1	
metallic				
bronze metallic	**232242**	10/40	1.2	
titanium	**232205**	10/40	1.2	



SCHUKO socket-outlet insert with fine-wire fuse

10 A, AC 250 V, DIN 49440

With T10H fine-wire fuse.
With screw terminals.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**273644**	1/50	1	
polar white	**273619**	1/50	1	
metallic				
bronze metallic	**273642**	1/50	1.2	
titanium	**273605**	1/50	1.2	



SCHUKO socket-outlet insert for special circuits

16 A, AC 250 V, DIN 49440

For SV (safety power supply) and ZSV (additional safety power supply).
With plug-in terminals.

Accessories: Labels for safety power supply, art. no. 539654/56.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
SV, green additional safety power supply, orange	**234004** **234002**	10/50 10/50	1 1	



Labels for safety power supply

Self-adhesive labels.
SV label (safety power supply) and ZSV label (additional safety power supply).

Contents: 1 item = 10 labels.

Version	Art. no.	PU	PG	Info
SV, green additional safety power supply, orange	**539656** **539654**	1/1000 1/1000	1 1	



Surge protection module for socket-outlet combinations

For all combination SCHUKO flush-mounted socket-outlets.
Suitable for standard size 60 installation box.
It is advisable to clearly mark the cover of the relevant socket-outlet.

Mounting depth: 32 mm
Type of protection: Fine protection
Failure indication: Acoustic signal
Special features: Test function

Version	Art. no.	PU	PG	Info
	533498	1/50	8	



SCHUKO socket-outlet insert with two-way switch

Suitable for a size 60 mounting box.
With screw terminals.
Socket-outlet: 16 A, AC 250 V, DIN 49440
Two-way switch: 16 A, AC 250 V

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**272644**	10/50	1	
polar white	**272619**	10/50	1	

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Socket-outlets and accessories

Socket-outlet inserts for international markets.

System Basis socket-outlet inserts can be integrated into OCTOCOLOR using adapters, art. no. 5170..



Socket-outlet insert with earthing pin and increased protection against accidental contact

16 A, AC 250 V, CEE 7 Standard Sheet V

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With screw terminals.
With claw and screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**284844**	10/50	1	
polar white	**284819**	10/50	1	
metallic				
bronze metallic	**284842**	10/40	1.2	
titanium	**284805**	10/40	1.2	



Socket-outlet insert without earthing contact

16 A, AC 250 V, CEE 7 Standard Sheet I

With screw terminals.
With claw and screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**214384**	10/50	1	
polar white	**214349**	10/50	1	
metallic				
bronze metallic	**214355**	10/50	1.2	
titanium	**214356**	10/50	1.2	



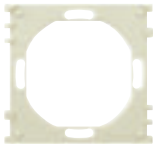
British Standard socket-outlet insert

13 A, AC 250 V, 2-pole + E

Improved protection against accidental contact in accordance with BS 1363.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**203219**	10/50	1	



Adapter plate for British Standard mounting box

For installation of the socket-outlet inserts in British Standard mounting boxes.

To be completed with: British Standard socket-outlet insert, art. no. 201219, 201919, 203219.British Standard socket-outlet insert, can be switched off, art. no. 2023.., 2025.., 2024.., 202053.Chinese socket-outlet insert, 2-pole, art. no. 201019, 201719, 203019.Chinese socket-outlet insert, 3-pole, art. no. 201119, 201819, 203119.Chinese socket-outlet insert with hinged lid, 3-pole, art. no. 241119.Chinese socket-outlet insert, 3-pole, art. no. 203819, 204619, 205119.Chinese double socket-outlet insert, 2-/3-pole, art. no. 203719, 204519, 205019.

Version	Art. no.	PU	PG	Info
white	**307001**	60/300	1	



Chinese socket-outlet insert, 2-pole

10 A, 250 V AC

Improved protection against accidental contact.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**203019**	10/50	1	



Chinese socket-outlet insert, 3-pole

10 A, 250 V AC

Improved protection against accidental contact.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**203119**	10/50	1	



Chinese double socket-outlet insert, 2-pole/3-pole

10 A/10 A, AC 250 V

Improved protection against accidental contact.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**205019**	10/50	1	

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Chinese socket-outlet insert, 3-pole

16 A, AC 250 V

Improved protection against accidental contact.

Accessories: Adapter plate for British Standard mounting box, art. no. 307001.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**205119**	10/50	1	



Universal socket-outlet insert, 3-pole

13 A, AC 250 V

Improved protection against accidental contact.
For Euro plugs (2.5 A), British Standard plugs (13 A), Chinese 3-pole plugs (10 A), Chinese 2/3-pole plugs without earthing contact (10 A).
Not permitted for use with plugs with French/Belgian earthing contact and plugs conforming to DIN 49441 (e.g. SCHUKO® plugs).

Article available on request.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**205619**	10/40	1.2	



Potential equalisation socket-outlet insert

With two 1-pole, built-in plugs to DIN 42801.
Connecting terminal up to 6 mm².
Without claws, for screw fixing.

Accessories: Potential equalisation angled connector, art. no. 297190.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**297244**	10/50	1	
polar white	**297219**	10/50	1	



Potential equalisation angled connector

DIN 42801 part 2

Suitable for use as a potential equalisation socket-outlet insert.
Solder connection up to 6 mm².

To be completed with: Potential equalisation socket-outlet insert, art. no. System M 2904.., 2982.., 2906.., System Basis 2970.., System Design 2973.., OCTOCOLOR 2972...

Version	Art. no.	PU	PG	Info
	297190	10/500	1	

Switches, time switches and central plates



Central plate for time switch insert, 15 min

To be completed with: Time switch insert, 15 min, art. no. 538000.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**538144**	1/100	8	
polar white	**538119**	1/100	8	
metallic				
bronze metallic	**538142**	1/100	8	
titanium	**538105**	1/100	8	



Central plate for time switch insert, 120 min

To be completed with: Time switch insert, 120 min, art. no. 538200.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**538944**	1/100	8	
polar white	**538919**	1/100	8	
metallic				
bronze metallic	**538942**	1/100	8	
titanium	**538905**	1/100	8	

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Time switch

For programmed and time-dependent switching of lamps.

Functions:

- 2 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Timer (autom. disconnection after set time)
- Manual operation possible at any time

Nominal voltage: AC 230 V / 50 Hz
Neutral conductor: required
Switching capacity: 1000 W incandescent lamps
750 W LV halogen with electr. transformers
750 VA conv. transformer
500 VA fluorescent lamps uncomp.
400 VA fluorescent lamps with parallel comp.
1000 VA fluorescent lamps, twin-lamp circuit
Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

Contents: Complete device. Without frame.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**582044**	1/10	8	
polar white	**582019**	1/10	8	
metallic				
varnished bronze metallic	**582042**	1/10	8	
varnished titanium	**582005**	1/10	8	



Time switch with sensor connection

For programmed and time-dependent switching of lamps. Connection of a sun/twilight sensor is possible.
The sensor cable is connected with the time switch via the plug. Set brightness value of sun sensor approx. 20,000 lux.

Functions:

- 2 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Timer (autom. disconnection after set time)
- Manual operation possible at any time

Nominal voltage: AC 230 V / 50 Hz
Neutral conductor: required
Switching capacity: 1000 W incandescent lamps
750 W LV halogen with electr. transformers
750 VA conv. transformer
500 VA fluorescent lamps uncomp.
400 VA fluorescent lamps with parallel comp.
1000 VA fluorescent lamps, twin-lamp circuit
Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

Accessories: Sun/twilight sensor, art. no. 580691.
Contents: Complete device. Without frame.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**583044**	1/10	8	
polar white	**583019**	1/10	8	
metallic				
varnished bronze metallic	**583042**	1/10	8	
varnished titanium	**583005**	1/10	8	



Two-way pull-cord switch insert

10 A, 250 V AC

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**336644**	10/50	1	
polar white	**336619**	10/50	1	

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Central plate for two-way maintained-contact switch insert

For standardised semi-cylindrical locks 40 mm long.

To be completed with: Two-way maintained-contact switch insert, art. no. 318601.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**334644**	1/60	8	
polar white	**334619**	1/60	8	
metallic				
bronze metallic	**334642**	1/60	8	
titanium	**334605**	1/60	8	



Central plate for three-step rotary switch

To be completed with: Three-step rotary switch insert, art. no. 317400.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**317344**	1/100	8	
polar white	**317319**	1/100	8	

Covers for dimmers



Central plate for rotary dimmer inserts up to 600 VA

For OCTOCOLOR.

To be completed with: Dimmer insert, art. no. 572499, 572299, 572599, 577199, 572999, 573299.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**572644**	10/120	8	
polar white	**572619**	10/120	8	
metallic				
bronze metallic	**572642**	5/120	8	
titanium	**572605**	5/120	8	



Central plate for rotary dimmer inserts up to 1000 VA

For OCTOCOLOR.

To be completed with: Dimmer insert, 900 W, for ohmic load, art. no. 572799.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**571544**	1/100	8	
polar white	**571519**	1/100	8	



Sensor cover

For OCTOCOLOR.
Manual operation.

To be completed with: Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension insert, art. no. 573999.
Technical Information: Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**574244**	1/100	8	
polar white	**574219**	1/100	8	
metallic				
bronze metallic	**574242**	1/100	8	
titanium	**574205**	1/100	8	



TELE sensor cover

For OCTOCOLOR.
Can be manually operated and controlled remotely via IR remote control.

To be completed with: Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension TELE insert, art. no. 573998.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**574944**	1/100	8	
polar white	**574919**	1/100	8	
metallic				
bronze metallic	**574942**	1/100	8	
titanium	**574905**	1/100	8	

Roller shutter switches



Rocker for roller shutter switch and push-button

For roller shutter rocker switch and rocker button insert.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**331544**	5/120	1	
polar white	**331519**	5/120	1	
metallic				
bronze metallic	**331542**	5/120	1.2	
titanium	**331505**	5/120	1.2	

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Central plate for momentary/ maintained-contact switch insert for roller shutters

To be completed with: Momentary/maintained-contact switch insert for roller shutters, art. no. 317200.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**317044**	1/100	1	
polar white	**317019**	1/100	1	
metallic				
bronze metallic	**317042**	1/100	1.2	
titanium	**317005**	1/100	1.2	



Central plate for momentary/ maintained-contact switch inserts for roller shutters

For standardised semi-cylindrical locks 40 mm long.

To be completed with: Momentary/maintained-contact switch insert for roller shutters, art. no. 318501, roller shutter momentary-contact switch insert, art. no. 318901.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**334944**	1/60	8	
polar white	**334919**	1/60	8	
metallic				
bronze metallic	**334942**	1/60	8	
titanium	**334905**	1/60	8	

Blind control system

You can find a complete overview of all products and functions in the chapter "Blind control system".

Technical Information: Blind control system (⇒ p. 463)



Blind push-button

Operator button for blind/roller shutter motors. With electronic locking of blind control.

To be completed with: Blind control insert, art. no. 580698, 580699.

Technical Information: Blind push-button (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**582244**	1/100	8	
polar white	**582219**	1/100	8	
metallic				
varnished bronze metallic	**582242**	1/100	8	
varnished titanium	**582205**	1/100	8	



Blind push-button with sensor connection

Operator button for blind/roller shutter motors. With electronic locking of blind control. Possible to connect sun sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.

Accessories: Sun/twilight sensor, art. no. 580691.

Technical Information: Blind push-button with sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**582544**	1/100	8	
polar white	**582519**	1/100	8	
varnished bronze metallic	**582542**	1/100	8	
varnished titanium	**582505**	1/100	8	



Blind push-button with memory function and sensor connection

Operator button for blind/roller shutter motors. With electronic locking of blind control. Possible to connect sun sensor. The device uses a a memory function for the purpose of presence simulation to save a time for opening and a time for closing the blinds. Which are then repeated every 24 hours.

To be completed with: Blind control insert, art. no. 580698, 580699.

Accessories: Sun/twilight sensor, art. no. 580691.

Technical Information: Blind push-button with memory function and sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**582344**	1/100	8	
polar white	**582319**	1/100	8	
metallic				
varnished bronze metallic	**582342**	1/100	8	
varnished titanium	**582305**	1/100	8	



Blind push-button with IR receiver and sensor connection

Operator button for blind/roller shutter motors. Can be manually operated and controlled remotely via IR remote control. With electronic locking of blind control. Possible to connect sun sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.

Accessories: Sun/twilight sensor, art. no. 580691.

Transmitter: IR remote control Distance, art. no. 570222.

Technical Information: Blind push-button with IR receiver and sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**582444**	1/60	8	
polar white	**582419**	1/60	8	
metallic				
varnished bronze metallic	**582442**	1/60	8	
varnished titanium	**582405**	1/60	8	

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Standard blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

To be completed with: Blind control insert, art. no. 580698, 580699.
Technical Information: Standard blind time switch (⇒ p. 466)
Note: In combination with the blind control insert and extension input, art. no. 580699, the extension input does not work.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**583944**	1/10	8	
polar white	**583919**	1/10	8	
metallic				
varnished bronze metallic	**583942**	1/10	8	
varnished titanium	**583905**	1/10	8	



Blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

To be completed with: Blind control insert, art. no. 580698, 580699.
Technical Information: Blind time switch (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**582144**	1/10	8	
polar white	**582119**	1/10	8	
metallic				
varnished bronze metallic	**582142**	1/10	8	
varnished titanium	**582105**	1/10	8	



Blind time switch with sensor connection

For programmed and time-dependent switching of blind/roller shutter motors.
Possible to connect sun/twilight sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind time switch with sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**583144**	1/10	8	
polar white	**583119**	1/10	8	
metallic				
varnished bronze metallic	**583142**	1/10	8	
varnished titanium	**583105**	1/10	8	

Movement detectors

Technical Information: ARGUS 180, flush-mounted (⇒ p. 505)



ARGUS 180 flush-mounted sensor module

For OCTOCOLOR.
Indoor movement detector.

Area of detection: 180°
Number of levels: 1
Number of zones: 12
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

To be completed with: Electronic switch insert, art. no. 576799. Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Supersedes art. no. 5794 ..

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**575344**	1/60	8	
polar white	**575319**	1/60	8	
metallic				
varnished bronze metallic	**575342**	1/60	8	
varnished titanium	**575305**	1/60	8	



ARGUS 180 flush-mounted sensor module with switch

For OCTOCOLOR.
Indoor movement detector.
With integrated switch for off/automatic/on.

Area of detection: 180°
Number of levels: 1
Number of zones: 12
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

To be completed with: Electronic switch insert, art. no. 576799. Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Supersedes art. no. 5793 ..

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**575644**	1/60	8	
polar white	**575619**	1/60	8	
metallic				
varnished bronze metallic	**575642**	1/60	8	
varnished titanium	**575605**	1/60	8	

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Electronic switch insert

AC 230 V

For ohmic load such as incandescent lamps, 230 V halogen lamps.

Switching capacity: 40-300 W
Neutral conductor:not required (2 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...

Technical Information: ARGUS flush-mounted overview (⇒ p. 506)

Note: A maximum of two electronic switch inserts may be wired in parallel. The sensor cover with radio receiver for switch inserts, art. no. 5932.., 5933.. can be used from version 1A with the electronic switch insert, art. no. 576799. The insert from version 2A only, can be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
40-300 W	**576799**	1/50	8	



Relay switch insert

AC 230 V

For ohmic and complex loads such as incandescent lamps, fluorescent lamps, energy-saving lamps, LV halogen lighting etc.

Switching capacity: 0-1000 VA
Capacitive load: max. 140 µF
Neutral conductor: required (3 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...

Technical Information: ARGUS flush-mounted overview (⇒ p. 506)

Note: Replace the relay switch insert, art. no. 576899.

Version	Art. no.	PU	PG	Info
0-1000 VA	**576897**	1/50	8	

Room temperature control units

Technical Information: Heating control (⇒ p. 489)



Central plate for room temperature control insert with switch

Range limiting integrated into setting knob.
Particularly flat design.

To be completed with: Room temperature control insert with switch, art. no. 536302, 536304.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**539144**	1/150	8	
polar white	**539119**	1/150	8	
metallic				
varnished bronze metallic	**539142**	1/150	8	
varnished titanium	**539105**	1/150	8	



Room temperature control insert with switch

With thermal recirculation.
Fourth terminal for night economy.

To be completed with: Central plate for room temperature control unit with switch, art. no. System M 5348.., 5361.., System Basis 5385.., System Design 5397.., OCTOCOLOR 5391...

Contents: Room temperature control insert, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 10(4) A	**536302**	1/50	8	
AC 24 V, 1(1) A	**536304**	1/50	8	



Central plate for room temperature control insert with changeover contact

Range limiting integrated into setting knob.
Particularly flat design.

To be completed with: Room temperature control unit insert with changeover contact, art. no. 536400, 536401.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**536494**	1/150	8	
polar white	**536499**	1/150	8	
metallic				
varnished bronze metallic	**536492**	1/150	8	
varnished titanium	**536495**	1/150	8	

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Room temperature control insert with changeover contact

For electric underfloor heating if the additional heater has to be interlocked, air conditioning (cooling), valve drives (de-energised open or closed). With thermal recirculation.

To be completed with: Central plate for room temperature control unit with changeover contact, art. no. System M 5347.., 5362.., System Basis 5365.., System Design 5374.., OCTOCOLOR 5364...

Contents: Room temperature control insert, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 5(2) A	**536400**	1/50	8	
AC 24 V, 1(1) A	**536401**	1/50	8	



Central plate for floor thermostat insert with switch

Range limiting integrated into setting knob. Particularly flat design.

To be completed with: Floor thermostat with switch, art. no. 537100.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**537294**	1/150	8	
polar white	**537299**	1/150	8	
metallic				
varnished bronze metallic	**537292**	1/150	8	
varnished titanium	**537295**	1/150	8	



Floor thermostat insert with switch

With remote sensor on 4 m incoming lead, extendable with twin-core cable.

To be completed with: Central plate for floor thermostat insert with switch, art. no. System M 5349.., 5358.., System Basis 5371.., System Design 5375.., OCTOCOLOR 5372...

Contents: Room temperature control insert, remote sensor, protective cover for plaster and screws.

Version	Art. no.	PU	PG	Info
AC 230 V, 10(4) A	**537100**	1/12	8	

Central plates for communications technology

System Basis central plates can be integrated into OCTOCOLOR using adapters, art. no. 5170..



Carrying frame with central plate for inserts in line with DIN 41524

Can also be used for command and signalling devices with one-hole fixing Ø 16 mm (e.g. Lumitas).
Second opening can be broken out.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**295296**	10/50	1	
polar white	**295298**	10/50	1	



Central plate for light signal insert

To be completed with: Light signal E 10 insert, art. no. 319016.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**319144**	1/100	1	
polar white	**319119**	1/100	1	
metallic				
varnished bronze metallic	**319142**	1/100	1.2	
varnished titanium	**319105**	1/100	1.2	



Central plate for cable outlet

With carrying frame and strain relief.
With claw and screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**392744**	1/50	1	
polar white	**392719**	1/50	1	
metallic				
bronze metallic	**392742**	1/50	1.2	
titanium	**392705**	1/50	1.2	

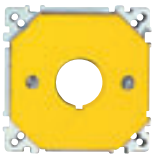


Central plate for command devices

One-hole fixing Ø 22.5 mm.
For Klöckner-Moeller, Lumitas, Square D etc. for example.
Without claws, for screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**392844**	1/100	1	
polar white	**392819**	1/100	1	

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Central plate for emergency stop switch

One-hole fixing Ø 22.5 mm.
For Klöckner-Moeller, Lumitas, Square D etc. for example.
Without claws, for screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
yellow	**392803**	1/100	1	



Blanking cover

Cover for relay, multiple control relay for roller shutters, buzzer, power booster, KNX binary input, flush-mounted/4x10 etc.
Can be used universally with mechanical machining (drilling, milling etc.)
Without claws, for screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**392644**	1/100	1	
polar white	**392619**	1/100	1	
metallic				
bronze metallic	**392642**	1/100	1.2	
titanium	**392605**	1/100	1.2	

Intermediate ring for combination inserts in line with DIN 49075

All standardised combination inserts in line with DIN 49075 can be integrated with this article.
For example, TAE, modular jack, data and communications systems from PANDUIT (PAN-NET), Ackermann WAE, WAEG, BTR etc.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**516844**	5/500	1	
polar white	**516819**	5/500	1	



Intermediate ring with hinged lid for combination inserts in line with DIN 49075

All standardised combination inserts in line with DIN 49075 can be integrated with this article.
For example, TAE, modular jack, data and communications systems from PANDUIT (PAN-NET), Ackermann WAE, WAG, BTR etc.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180.., and into the OCTOCOLOR range using the adapter, 5170...

Version	Art. no.	PU	PG	Info
white	**517474**	5/75	1	
polar white	**517498**	5/75	1	
varnished bronze metallic	**517497**	5/75	1.1	
varnished titanium	**517405**	5/75	1.1	

Communications inserts

Technical Information: Communications inserts (⇒ p. 484)



Inclined outlet

For data connection and communications technology.
Order the associated inserts separately.
With labelling field.

To be completed with: Communications inserts, art. no. OCTOCOLOR 463386-99.
Technical Information: Inserts for inclined outlets (⇒ p. 486)
Contents: Without inserts.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**463344**	1/50	1	
polar white	**463319**	1/50	1	
metallic				
varnished bronze metallic	**463342**	1/50	1.2	
varnished titanium	**463305**	1/50	1.2	



Blanking insert

Can be used universally with mechanical machining (drilling, milling etc.)

To be completed with: Inclined outlet, art. no. OCTOCOLOR 463344/19/42/05.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
black	**463388**	10/300	1	



Insert for D-type plug connectors, 9-pole

For two D-type plugs, 9-pole.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. OCTOCOLOR 463344/19/42/05.
Accessories: D-type socket connector, 9-pole, art. no. 465009.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
black	**463391**	10/300	1	



Insert for D-type plug connectors, 15-pole

For two D-type plugs, 15-pole.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. OCTOCOLOR 463344/19/42/05.
Accessories: D-type socket connector, 15-pole, art. no. 465015.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
black	**463392**	10/300	1	



Insert for D-type plug connectors, 25-pole

For two D-type plugs, 25-pole.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. OCTOCOLOR 463344/19/42/05.
Accessories: D-type socket connector, 25-pole, art. no. 465025.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
black	**463393**	10/300	1	



Insert for BNC/TNC sockets

For two BNC/TNC connectors Ø 12.5 mm or for BNC/TNC connectors Ø 9.5 mm.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. OCTOCOLOR 463344/19/42/05.
Accessories: BNC socket Ø 12.5 mm, art. no. 465010.
Contents: With adjustment rings.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
black	**463395**	10/300	1	



Insert for Twinax sockets

For two Twinax sockets Ø 19 mm.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. OCTOCOLOR 463344/19/42/05.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
black	**463397**	10/300	1	



Insert for modular jack connector Cat 5

For modular jack Cat 5, RJ 45 connector or AMP connector.

To be completed with: Inclined outlet, art. no. OCTOCOLOR 463344/19/42/05.
Accessories: Modular jack connector Cat 5, art. no. 465595.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
black	**463399**	10/300	1	



Insert for modular jack connector

For two modular jack connectors Cat 3
For AMP or Thomas & Betts connectors.
Second opening can be broken out.

To be completed with: Inclined outlet, art. no. OCTOCOLOR 463344/19/42/05.
Accessories: Modular jack connector Cat 3, art. no. 465516/18.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
black	**463398**	10/300	1	



Insert for XLR audio plug-in socket

For XLR round connector audio plug-in socket from Binder, Cannon, Neutrik or similar.

To be completed with: Inclined outlet, art. no. OCTOCOLOR 463344/19/42/05.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
black	**463390**	10/300	1	



Insert for XLR audio plug

For XLR round connector audio plugs from Binder, Cannon, Neutrik or similar.

To be completed with: Inclined outlet, art. no. OCTOCOLOR 463344/19/42/05.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
black	**463389**	10/300	1	



Insert with high-end loudspeaker connector

For loudspeaker connections up to max. 10 mm².

To be completed with: Inclined outlet, art. no. OCTOCOLOR 463344/19/42/05.
Contents: With two loudspeaker connectors, gold-plated contacts.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
black	**463387**	5/150	1	



Insert for optical fibre ST connectors

For two optical fibre ST connectors.

To be completed with: Inclined outlet, art. no. OCTOCOLOR 463344/19/42/05.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
black	**463386**	10/300	1	



D-type socket connector, 9-pole

Solder connection max. 0.6 mm².

To be completed with: Central plate for D-type subminiature connector, 9-pole, art. no. System M 4676.., 4681.., System Basis 4601...Insert for D-type subminiature connector, 9-pole, art. no. System M 464391, System Basis 461391, System Design 464391, OCTOCOLOR 463391.
Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
9-pole	**465009**	5/500	1	

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D-type socket connector, 15-pole

Solder connection max. 0.6 mm².

To be completed with: Central plate for D-type subminiature connector, 15-pole, art. no. System M 4677.., ,4682.., System Basis 4602...Insert for D-type subminiature connector, 15-pole, art. no. System M 464392, System Basis 461392, System Design 464392, OCTOCOLOR 463392.

Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
15-pole	**465015**	5/500	1	



D-type socket connector, 25-pole

Solder connection max. 0.6 mm².

To be completed with: Central plate for D-type subminiature connector, 25-pole, art. no. System M 4678.., 4683.., System Basis 4603...Insert for D-type subminiature connector, 25-pole, art. no. System M 464393, System Basis 461393, System Design 464393, OCTOCOLOR 463393.

Contents: With locking pin for M3 screw.

Version	Art. no.	PU	PG	Info
25-pole	**465025**	5/500	1	



BNC connector Ø 12.5 mm

Crimp connection up to Ø 6 mm.

To be completed with: Central plate for BNC/TNC socket, art. no. System M 4691.., 4685.., 4686.., System Basis 4605...Insert for BNC/TNC sockets, art. no. System M 464395, System Basis 461395, System Design 464395, OCTOCOLOR 463395.

Version	Art. no.	PU	PG	Info
	465010	5/500	1	

Telecommunications

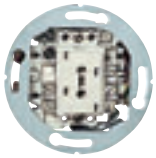
System Basis central plates can be integrated into OCTOCOLOR using adapters, art. no. 5170..



Central plate for telephone socket-outlet ADo

For 4- and 8-pole telephone socket-outlets (art. no. 465104 and 465108).

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**293744**	5/200	1	
polar white	**293719**	5/200	1	
metallic				
varnished bronze	**293742**	5/200	1.2	
metallic				
varnished titanium	**293705**	5/200	1.2	

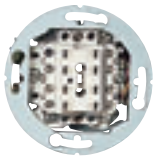


Telephone socket-outlet ADo 4

For connecting analogue terminal units.

To be completed with: Central plate for telephone socket-outlet ADo, art. no. System Basis 2930.., OCTOCOLOR 2937...
Accessories: Telephone socket-outlet ADo S 4, art. no. 465404.

Version	Art. no.	PU	PG	Info
4-pole, white	**465104**	10/40	1	



Telephone socket-outlet ADo 8

Codeable

For connecting analogue terminal units.

To be completed with: Central plate for telephone socket-outlet ADo, art. no. System Basis 2930.., OCTOCOLOR 2937...
Accessories: Telephone socket-outlet ADo S 8, art. no. 465408.
Contents: A setting knob for coding is included in every pack of 10.

Version	Art. no.	PU	PG	Info
8-pole, white	**465108**	10/40	1	



Telephone plug ADo S 4

For telephone socket-outlet ADo.

To be completed with: Telephone socket-outlet ADo 4, art. no. 465104.

Version	Art. no.	PU	PG	Info
4-pole, white	**465404**	5/250	1	



Telephone plug ADo S 8

For telephone socket-outlet ADo.

To be completed with: Telephone socket-outlet ADo 8, art. no. 465108.

Version	Art. no.	PU	PG	Info
8-pole, white	**465408**	5/250	1	



Central plate with cable outlet for telephone connector VDo 4

For telephone connector VDo 4 or general cable outlet for cable diameters of max. 10 mm.
With strain relief.
Without claws, for screw fixing.

To be completed with: Telephone connector VDo 4, art. no. 465304.

Contents: With fixing screws for telephone connector VDo 4.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**392796**	1/100	1	
polar white	**392798**	1/100	1	
metallic				
bronze metallic	**392797**	1/100	1.2	
titanium	**392795**	1/100	1.2	

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Telephone connector VDo 4

For central plate with cable outlet for telephone connector VDo 4.

To be completed with: Central plate with cable outlet for telephone connector VDo, art. no. System M 2968.., 2955.., System Basis 3925.., OCTOCOLOR 3927...

Version	Art. no.	PU	PG	Info
4-pole, white	**465304**	10/40	1	

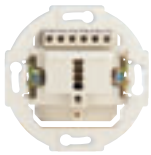


Central plate for telephone socket-outlet TAE

For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**293844**	1/150	1	
polar white	**293819**	1/150	1	
metallic				
bronze metallic	**293842**	1/150	1.2	
titanium	**293805**	1/150	1.2	



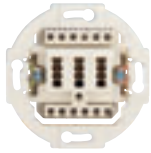
Telephone socket-outlet TAE, 1-gang

For the German market.

For connecting an analogue telephone.
With screw terminals.
1×6 F: 1 telephone

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
1x6 F, white	**465206**	10/50	1	



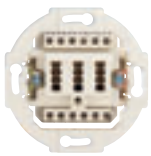
Telephone socket-outlet TAE, 3-gang

For the German market.

For connecting analogue telephones/ancillary units.
With screw terminals.
2×6/6 NF/F: 2 telephones, 1 ancillary unit
3×6 NFN: 1 telephone, 2 ancillary unit

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
2×6/6 NF/F, white	**465226**	10/50	1	
3x6 NFN, white	**465236**	10/50	1	



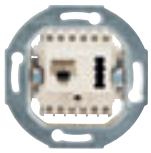
Telephone socket-outlet TDO 3x10

For the Austrian market.

For connecting analogue terminal units.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...Intermediate ring for combination inserts in line with DIN 49075, art. no. System M 5185.., 5181.., System Basis 5171.., System Design 5160.., OCTOCOLOR 5168...Intermediate ring with hinged lid for combination inserts in line with DIN 49075, art. no. System M 5186.., 5182.., System Basis 5174...
Can only be ordered via Merten in Vienna.

Version	Art. no.	PU	PG	Info
white	**465930**	1/1	1	

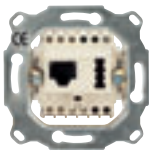


Combination socket-outlet RJ45/TAE (Cat 3)

For connecting a telephone and an analogue or digital terminal unit via the 8-pole RJ45 connector.
With screw terminals.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Combination socket-outlet RJ45/TAE (Cat 3) (⇒ p. 483)

Version	Art. no.	PU	PG	Info
8(6)-6F+N, white	**465707**	1/60	1	



Line 21 Combination socket-outlet RJ45/TAE

With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (TAE) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for the connection of additional telephone socket-outlets.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Line 21 Combination socket-outlet RJ45/TAE (⇒ p. 481)

Version	Art. no.	PU	PG	Info
8(6)-6F+N	**465709**	1/60	1	

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Central plate for PTT connection boxes

Suitable for Dutch telephone sockets.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**292384**	10/180	1	
polar white	**292349**	10/180	1	
metallic				
bronze metallic	**292355**	10/180	1	
titanium	**292356**	10/180	1	

Central plate for BELGACOM connection units

Suitable for Belgian telephone socket boxes.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**292544**	1/150	1	
polar white	**292519**	1/150	1	



Telephone socket insert, 8-pole

For French telephone plugs.
With screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**292144**	5/60	1	
polar white	**292119**	5/60	1	
metallic				
bronze metallic	**292142**	5/60	1.2	
titanium	**292105**	5/60	1.2	

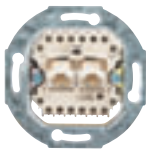


Central plate for RJ45 insert, 2-gang

For OCTOCOLOR.
For RJ45 inserts 8/8, 2x8, Line 21 RJ45 insert 8/8, RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with: RJ45 insert 8/8, art. no. 465701.RJ45 insert 2x8, art. no. 465702.RJ45 insert 8/8 Cat 5e, art. no. 465703.RJ45 insert 8/8 Cat 6, art. no. 465706.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**292044**	10/120	1	
polar white	**292019**	10/120	1	
metallic				
varnished bronze metallic	**292042**	10/120	1.2	
varnished titanium	**292005**	10/120	1.2	



RJ45 insert 8/8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 8/8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465701**	10/40	1	



Line 21 RJ45 insert 8/8

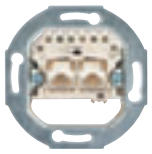
With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (RJ45, 8-pole) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for analogue telephony.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: Line 21 RJ45 insert 8/8 (⇒ p. 481)

Version	Art. no.	PU	PG	Info
	465708	1/60	1	



RJ45 insert 2x8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors connected in parallel with bus-type cabling.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 2x8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465702**	10/40	1	



RJ45 insert 8/8 Cat 5e

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465703**	1/50	1	



RJ45 insert 8/8 Cat 6

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465706**	1/50	1	

Data technology

System Basis central plates can be integrated into OCTOCOLOR using adapters, art. no. 5170..

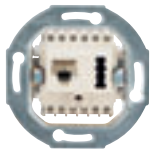


Central plate for telephone socket-outlet TAE

For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**293844**	1/150	1	
polar white	**293819**	1/150	1	
metallic				
bronze metallic	**293842**	1/150	1.2	
titanium	**293805**	1/150	1.2	

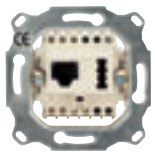


Combination socket-outlet RJ45/TAE (Cat 3)

For connecting a telephone and an analogue or digital terminal unit via the 8-pole RJ45 connector.
With screw terminals.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Combination socket-outlet RJ45/TAE (Cat 3) (⇒ p. 483)

Version	Art. no.	PU	PG	Info
8(6)-6F+N, white	**465707**	1/60	1	



Line 21 Combination socket-outlet RJ45/TAE

With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (TAE) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for the connection of additional telephone socket-outlets.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Line 21 Combination socket-outlet RJ45/TAE (⇒ p. 481)

Version	Art. no.	PU	PG	Info
8(6)-6F+N	**465709**	1/60	1	

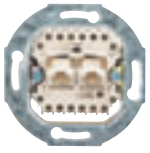


Central plate for RJ45 insert, 2-gang

For OCTOCOLOR.
For RJ45 inserts 8/8, 2x8, Line 21 RJ45 insert 8/8, RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with:RJ45 insert 8/8, art. no. 465701.RJ45 insert 2x8, art. no. 465702.RJ45 insert 8/8 Cat 5e, art. no. 465703.RJ45 insert 8/8 Cat 6, art. no. 465706.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**292044**	10/120	1	
polar white	**292019**	10/120	1	
metallic				
varnished bronze metallic	**292042**	10/120	1.2	
varnished titanium	**292005**	10/120	1.2	



RJ45 insert 8/8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 8/8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465701**	10/40	1	

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Line 21 RJ45 insert 8/8

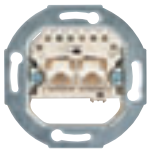
With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (RJ45, 8-pole) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for analogue telephony.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: Line 21 RJ45 insert 8/8 (⇒ p. 481)

Version	Art. no.	PU	PG	Info
	465708	1/60	1	



RJ45 insert 2x8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors connected in parallel with bus-type cabling.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 2x8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465702**	10/40	1	



RJ45 insert 8/8 Cat 5e

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465703**	1/50	1	



RJ45 insert 8/8 Cat 6

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465706**	1/50	1	



Modular jack connector, Cat 3

WE Western type.
In line with US FCC 86, Cat 3.
Connection with IDC clamping method.

Pin configuration Telecom/ISDN modular jack/8-pole: 1a/4, 1b/5, 2a/3, 2b/6.

To be completed with: Supporting plate for modular jack connector, art. no. 461590.Insert for modular jack connector, art. no. System M 464398, System Basis 461398, System Design 464398, OCTOCOLOR 463398.Central plate for modular jack connector, art. no. System M 2901.., 2957.., System Basis 2929...

Version	Art. no.	PU	PG	Info
6-pole RJ 11/ Cat. 3, black	**465516**	5/250	1	
8-pole RJ 45/ Cat. 3, black	**465518**	5/250	1	

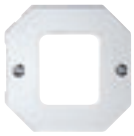


Modular jack connector, Cat 5

WE Western type.
In line with US FCC 86, Cat 5.
Connection via LSA terminals.

To be completed with: Supporting plate for modular jack connector, art. no. 461593.Insert for modular jack connector, art. no. System M 464399, System Basis 461399, System Design 464399, OCTOCOLOR 463399.

Version	Art. no.	PU	PG	Info
8-pole RJ 45/ Cat. 5, black	**465595**	5/200	1	



Central plate for AMP-ACO

For AMP communications system insert.
Suitable for all adapter inserts.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**463444**	1/100	1	
polar white	**463419**	1/100	1	

TV/audio

System Basis central plates can be integrated into OCTOCOLOR using adapters, art. no. 5170..



Loudspeaker socket-outlet insert

With 2 separate loudspeaker sockets in accordance with DIN 41529.
Second opening can be broken out.
With screw connections (up to 2.5 mm²).

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**295244**	10/50	1	
polar white	**295219**	10/50	1	
metallic				
bronze metallic	**295242**	10/50	1.2	
titanium	**295205**	10/50	1.2	

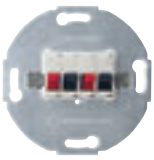


Central plate for telephone socket-outlet TAE

For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**293844**	1/150	1	
polar white	**293819**	1/150	1	
metallic				
bronze metallic	**293842**	1/150	1.2	
titanium	**293805**	1/150	1.2	



Loudspeaker connection insert, 2-gang

The poles are labelled in different colours. Conductor cross-section up to max. 10 mm². With quick plug-in terminals. With screw terminals on the back.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...

Version	Art. no.	PU	PG	Info
polar white	**467019**	10/50	1	
anthracite	**467014**	10/50	1	

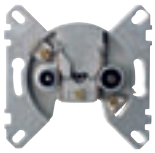


Central plate for antenna socket-outlets

For AEG, Astro, Bosch, Fuba, Hirschmann, Kathrein, Philips, Polytron, Siemens, Wisi, Zehnder etc. Third opening can be broken open for satellite socket.

To be completed with: Broadband cable/satellite through-way box, 2-gang, art. no. 466098.Broadband cable/satellite branch-circuit box, 2-gang, art. no. 466099.Satellite antenna socket-outlet, 3-gang, art. no. 466097.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**294344**	5/250	1	
polar white	**294319**	5/250	1	
metallic				
varnished bronze metallic	**294342**	5/250	1.2	
varnished titanium	**294305**	5/250	1.2	



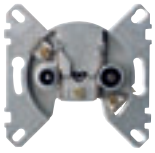
Broadband cable/satellite through-way box, 2-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Broadband directional coupler box for loop-through systems in broadband cable, communal aerial and satellite distribution systems. Suitable for flush-mounted boxes of Ø 55-65 mm. With claw and screw fixing.

To be completed with: Central plate for antenna socket-outlet, art. no. System M 2967.., 2975.., System Basis 2948.., System Design 2941.., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466098	1/54	1	



Broadband cable/satellite antenna branch-circuit box, 2-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Broadband directional coupler box for branch-circuit and star-type distribution systems in broadband cable, communal aerial and satellite distribution systems. With DC transmission via the TV connection. Suitable for flush-mounted boxes of Ø 55-65 mm.
With claw and screw fixing.
DC transmission: max. 24 V/400 mA
Signal: 22 kHz and DiSEqC

To be completed with: Central plate for antenna socket-outlet, art. no. System M 2967.., 2975.., System Basis 2948.., System Design 2941.., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466099	1/54	1	



Satellite antenna socket-outlet, 3-gang

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Single satellite socket-outlet, 3-gang. For individual branch-circuit and star-type distribution systems in communal aerial and satellite distribution systems. With DC transmission via the satellite connection. Suitable for flush-mounted boxes of Ø 55-65 mm.
With claw and screw fixing.
DC transmission: max. 24 V/320 mA
Signal: 22 kHz and DiSEqC

To be completed with: Central plate for antenna socket-outlet, art. no. System M 2967.., 2975.., System Basis 2948.., System Design 2941.., OCTOCOLOR 2943...

Version	Art. no.	PU	PG	Info
	466097	1/54	1	

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Central plate for Hirschmann 4-gang antenna socket-outlets

The central plate must be completed with the 4-gang antenna socket-outlet, art. no. GEVU 15S or EVU 02F from Hirschmann.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**464444**	10/240	1	
polar white	**464419**	10/240	1	
metallic				
varnished bronze metallic	**464442**	10/240	1.2	
varnished titanium	**464405**	10/240	1.2	

Central plate for Ankaro 4-gang antenna socket-outlets

The central plate is to be completed with the 4-gang antenna socket-outlet (art. no. SAT 400 EAS DC) from Ankaro. Also suitable for antenna socket-outlet GUT 400 from Astro.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**464544**	10/240	1	
polar white	**464519**	10/240	1	
metallic				
varnished bronze metallic	**464542**	10/240	1.2	
varnished titanium	**464505**	10/240	1.2	



Central plate for standard circular connector

For 3- to 12-pole sockets or plugs, Ø 30 mm.

Contents: With two fixing screws to secure the connector.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**463144**	1/100	1	
polar white	**463119**	1/100	1	



Central plate for EURO AV plug-in socket

SCART socket in line with DIN-EN 50049.

Connection between television and peripheral devices such as video recorder, satellite receiver, game console, video camera, PC etc.
Contacts with solder connections.

Contents: With socket and supporting plate for screw fixing.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**463244**	1/100	1	
polar white	**463219**	1/100	1	

Accessories



Symbols, oval

For rockers and switches with oval opening.

Version	Art. no.	PU	PG	Info
neutral, white	**395530**	100/4000	1	
light, white	**395630**	100/4000	1	
door, white	**395730**	100/4000	1	
bell, white	**395830**	100/4000	1	
neutral, clear	**395568**	100/4000	1	
light, clear	**395668**	100/4000	1	
door, clear	**395768**	100/4000	1	
bell, clear	**395868**	100/4000	1	
neutral, red transp.	**395930**	100/4000	1	



Adapter

Inserts for System Basis can be integrated into the OCTOCOLOR range with the adapter.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**517094**	10/300	1	
polar white	**517099**	10/300	1	
metallic				
varnished bronze metallic	**517042**	10/300	1.2	
varnished titanium	**517005**	10/300	1.2	



Assortment of special screws

Additional, invisible screw fixing of OctoColor, System M or System Design frames.
The bearing plate of the rocker can be fixed with 2 screws on the base.

Contents: 10 screws.

Version	Art. no.	PU	PG	Info
	399898	10/1000	1	

Inserts for the OCTOCOLOR range can be found under "OCTOCOLOR/Inserts".

- **Thermoplastic brilliant:** Shatter-proof material with high gloss finish.
- **Metal:** Real metal surface or metallic finish.
- **Technical Information:** OCTOCOLOR dimensions (⇒ p. 425)

OCTOCOLOR frames

- **Technical Information:** OCTOCOLOR dimensions (⇒ p. 425)



OCTOCOLOR frame, 1-gang

To be completed with: Colour rings for OCTOCOLOR frame, art. no. 3999...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**399144**	10/360	1	
polar white	**399119**	10/360	1	
metallic				
bronze metallic	**399142**	2/270	1.2	
titanium	**399105**	2/180	1.2	



OCTOCOLOR frame, 2-gang

For vertical and horizontal installation.

To be completed with: Colour rings for OCTOCOLOR frame, art. no. 3999...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**399244**	10/240	1	
polar white	**399219**	10/240	1	
metallic				
bronze metallic	**399242**	2/100	1.2	
titanium	**399205**	2/100	1.2	



OCTOCOLOR frame, 3-gang

For vertical and horizontal installation.

To be completed with: Colour rings for OCTOCOLOR frame, art. no. 3999...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**399344**	10/80	1	
polar white	**399319**	10/80	1	
metallic				
bronze metallic	**399342**	2/68	1.2	
titanium	**399305**	2/68	1.2	



OCTOCOLOR frame, 4-gang

For vertical and horizontal installation.

To be completed with: Colour rings for OCTOCOLOR frame, art. no. 3999...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**399444**	2/44	1	
polar white	**399419**	2/44	1	
metallic				
bronze metallic	**399442**	2/44	1.2	
titanium	**399405**	2/44	1.2	



OCTOCOLOR frame, 5-gang

For vertical and horizontal installation.

To be completed with: Colour rings for OCTOCOLOR frame, art. no. 3999...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**399544**	1/38	1	
polar white	**399519**	1/38	1	
metallic				
bronze metallic	**399542**	1/38	1.2	
titanium	**399505**	1/38	1.2	



Colour rings for OCTOCOLOR frames

Required: One colour ring for 1-gang frames, two colour rings for 2-gang frames etc.

To be completed with:OCTOCOLOR frame, art. no. 3991.., 3992.., 3993.., 3994.., 3995...

Special colours available on request. Price on request.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**399944**	10/300	1.2	
polar white	**399919**	10/300	1.2	
blue	**399979**	10/300	1.2	
dark grey	**399972**	10/300	1.2	
black	**399922**	10/300	1.2	
sapphire blue	**399911**	10/300	1.2	
mocha	**399916**	10/300	1.2	
metallic				
gold metallic	**399941**	10/600	1.2	
chrome	**399939**	10/600	1.2	

Surface-mounted housing for M-SMART, M1, ARTEC, OCTO-COLOR

- **Thermoplastic version.**
- Suitable mini trunking (15x 15mm) is supplied by the trunking manufacturer.

Technical Information: Surface-mounted housing dimensions (⇒ p. 441)



Surface-mounted housing, 1-gang

With enclosed base and guide slots for partition walls. 2 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**512144**	1/40	1.5	
polar white	**512119**	1/40	1.5	
ruby red	**512106**	1/40	1.5	



Surface-mounted housing, 2-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**512244**	1/20	1.5	
polar white	**512219**	1/20	1.5	



Surface-mounted housing, 3-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**512344**	1/15	1.5	
polar white	**512319**	1/15	1.5	



Cable entry

For cables and mini trunking.

Version	Art. no.	PU	PG	Info
white	**535162**	20/2000	1.5	
polar white	**535160**	20/2000	1.5	



Mini-trunking entry (15 mm)

For 15 x 15 mm ducts.

Version	Art. no.	PU	PG	Info
white	**535062**	10/1000	1.5	
polar white	**535060**	10/1000	1.5	

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AQUADESIGN I ANTI-VANDALISM

WATERTIGHT INGENUITY



AQUADESIGN

If switches are exposed to damp, moisture, wind and rain, such as in damp locations, workrooms, garages, basements, swimming pools or outdoor areas, then a special solution is called for: switches that meet the IP 44 standard. AQUADESIGN is weather-resistant, scratch-proof, UV-stable and available for an impressive range of products covering numerous applications. Due to the special adapter, all System M components can be used.

It is typically used in: professional kitchens, laundries and outdoor areas such as terraces for example.

ANTI-VANDALISM

Some situations are just too much for normal electrical installations. For example, during a sports lesson when you shoot the ball from the thick of the action and it hits the light switch instead of making the basket. Fortunately, the ANTI-VANDALISM range is available for such cases. This extremely resistant switch range has been specially developed for use under tough conditions: inside schools, sports halls, youth centres and public-access buildings for example. The ANTI-VANDALISM range can withstand blows, kicks, interference from tools and even fire.

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GOOD DESIGN

Focus Know-how Silber 2005

DESIGNPREIS 2007 NOMINIERT

product design award 2006

DESIGNPREIS 2007 NOMINIERT

DESIGN PLUS

CONTENTS



AQUADESIGN



AQUADESIGN



ANTI-VANDALISM

232 AQUADESIGN

232 Switch rockers
232 SCHUKO socket-outlets and accessories
233 Roller shutter switches
234 Covers for dimmers
234 Waterproof movement detectors
235 KNX
235 Communications technology
236 Accessories
237 AQUADESIGN frames

238 ANTI-VANDALISM

238 Switches and push-buttons, without frames
239 Roller shutter switches
239 Socket-outlets and accessories
240 KNX
241 ANTI-VANDALISM frames

Splash-proof, flush-mounted range, IP 44, shatter-proof
- Splash-proof, IP 44.

Thermoplastic brilliant: Shatter-proof material with high gloss finish.

Technical Information: AQUADESIGN dimensions (⇒ p. 437)

Switch rockers

For completion with rocker switch inserts.

Rocker

For two-way switch, intermediate switch and push-button insert.

IP 44

Contents: Rocker with intermediate plate.

Version	Art. no.	PU	PG	Info
white	**343144**	5/120	2.1	
polar white	**343119**	5/120	2.1	
dark brazil	**343115**	5/120	2.1	
anthracite	**343114**	5/120	2.1	
aluminium	**343160**	5/120	2.1	

Rocker for two-circuit switch

For two-way, double two-way switch and double push-button insert.

IP 44

Contents: Rocker with intermediate plate.

Version	Art. no.	PU	PG	Info
white	**343544**	5/120	2.1	
polar white	**343519**	5/120	2.1	
dark brazil	**343515**	5/120	2.1	
anthracite	**343514**	5/120	2.1	
aluminium	**343560**	5/120	2.1	

Rocker with labelling field

For permanent labelling.
For two-way switch, intermediate switch and push-button.

IP 44

Note: Can be illuminated when used with the plug-in light attachment E 10, art. no. 396576 and the neon lamp E 10, art. no. 3951...
Contents: Rocker with intermediate plate.

Version	Art. no.	PU	PG	Info
white	**343944**	5/120	2.1	
polar white	**343919**	5/120	2.1	
dark brazil	**343915**	5/120	2.1	
anthracite	**343914**	5/120	2.1	
aluminium	**343960**	5/120	2.1	

Rocker with rectangular opening for symbols

For control switch and push-button insert.

IP 44

Accessories: Symbols, rectangular, art. no. 395500/69, 395600/69, 395700/69, 395800/69, 395900.
Contents: Rocker with intermediate plate. Symbols: For PU 5: 2 light, 1 door, 1 bell (clear), 5 neutral (red transparent).

Version	Art. no.	PU	PG	Info
white	**343844**	5/120	2.1	
polar white	**343819**	5/120	2.1	
dark brazil	**343815**	5/120	2.1	
anthracite	**343814**	5/120	2.1	
aluminium	**343860**	5/120	2.1	



Rocker for heating emergency switch

With red inspection window and imprint "Heating emergency switch".

IP 44

To be completed with: Rocker switch insert, art. no. 325200, 325600, 311300.
Contents: Rocker with intermediate plate and red transparent window.

Version	Art. no.	PU	PG	Info
white	**343044**	5/120	2.1	
polar white	**343019**	5/120	2.1	

SCHUKO socket-outlets and accessories

SCHUKO socket-outlets all have integral increased protection against accidental contact to VDE 0620 Part 1 (replacing the previous term "child protection").



SCHUKO socket-outlet insert with hinged lid

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With plug-in terminals.

IP 44

Version	Art. no.	PU	PG	Info
white	**233044**	10/40	2.1	
polar white	**233019**	10/40	2.1	
dark brazil	**233015**	10/40	2.1	
anthracite	**233014**	10/40	2.1	
aluminium	**233060**	10/40	2.1	

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IP 44

SCHUKO socket-outlet insert with hinged lid and labelling field

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With plug-in terminals.

Note: When installing outdoor socket-outlets that can be switched off from indoors, a 16 A switch insert should be used.

Version	Art. no.	PU	PG	Info
white	**233144**	10/40	2.1	
polar white	**233119**	10/40	2.1	
anthracite	**233114**	10/40	2.1	
aluminium	**233160**	10/40	2.1	



IP 44

SCHUKO socket-outlet insert with hinged lid, lockable

Various locks 16 A, AC 250 V, DIN 49440.

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With hinged lid and labelling field.
With plug-in terminals.

Note: When installing outdoor socket-outlets that can be switched off from indoors, a 16 A switch insert should be used.
Contents: With security lock, 2 keys per socket-outlet.

Version	Art. no.	PU	PG	Info
white	**233344**	10/20	2.1	
polar white	**233319**	10/20	2.1	
dark brazil	**233315**	10/20	2.1	
anthracite	**233314**	10/20	2.1	
aluminium	**233360**	10/20	2.1	



IP 44

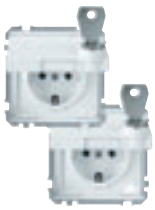
SCHUKO socket-outlet insert with hinged lid, lockable

10 identical locks
16 A, AC 250 V, DIN 49440.

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With hinged lid and labelling field.
With plug-in terminals.

Note: When installing outdoor socket-outlets that can be switched off from indoors, a 16 A switch insert should be used.
Contents: With security lock, 2 keys per socket-outlet.

Version	Art. no.	PU	PG	Info
white	**235244**	10/20	2.1	
polar white	**235219**	10/20	2.1	
anthracite	**235214**	10/20	2.1	
aluminium	**235260**	10/20	2.1	



IP 44

SCHUKO socket-outlet insert with hinged lid, lockable

2 identical locks
16 A, AC 250 V, DIN 49440.

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With hinged lid and labelling field.
With plug-in terminals.

Note: When installing outdoor socket-outlets that can be switched off from indoors, a 16 A switch insert should be used.
Contents: With 2 socket-outlets with security lock and key.

Version	Art. no.	PU	PG	Info
white	**235344**	1/15	2.1	
polar white	**235319**	1/15	2.1	
anthracite	**235314**	1/15	2.1	
aluminium	**235360**	1/15	2.1	



IP20

SCHUKO socket-outlet insert

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With plug-in terminals.

Version	Art. no.	PU	PG	Info
white	**233544**	10/50	2.1	
polar white	**233519**	10/50	2.1	
dark brazil	**233515**	10/50	2.1	
anthracite	**233514**	10/50	2.1	
aluminium	**233560**	10/50	2.1	

Roller shutter switches



IP 44

Rocker for roller shutter switch and push-button

For roller shutter rocker switch and rocker button insert.

Contents: Rocker with intermediate plate.

Version	Art. no.	PU	PG	Info
white	**343444**	5/120	2.1	
polar white	**343419**	5/120	2.1	
dark brazil	**343415**	5/120	2.1	
anthracite	**343414**	5/120	2.1	
aluminium	**343460**	5/120	2.1	

Central plate for momentary/ maintained-contact switch inserts for roller shutters

For standardised semi-cylindrical locks 40 mm long.

IP 44

To be completed with: Momentary/maintained-contact switch insert for roller shutters, art. no. 318501, roller shutter momentary-contact switch insert, art. no. 318901.

Version	Art. no.	PU	PG	Info
white	**348244**	1/50	8	
polar white	**348219**	1/50	8	
dark brazil	**348215**	1/50	8	
anthracite	**348214**	1/50	8	
aluminium	**348260**	1/50	8	

Covers for dimmers

Sensor cover

For AQUADESIGN.
Manual operation.
With short-stroke key.

IP 44

To be completed with: Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension insert, art. no. 573999.

Technical Information: Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
white	**573844**	1/100	8	
polar white	**573819**	1/100	8	
dark brazil	**573815**	1/100	8	
anthracite	**573814**	1/100	8	
aluminium	**573860**	1/100	8	

Waterproof movement detectors

- Protection type IP 44.

Technical Information: ARGUS 180, flush-mounted (⇒ p. 505)



ARGUS 180 flush-mounted sensor module

For AQUADESIGN.
Splash-proof movement detector.

Area of detection: 180°
Number of levels: 1
Number of zones: 14
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

IP 44

To be completed with: Electronic switch insert, art. no. 576799. Relay switch insert, art. no. 576897.

Technical Information: ARGUS flush-mounted overview (⇒ p. 506)

Version	Art. no.	PU	PG	Info
white	**578144**	1/50	8	
polar white	**578119**	1/50	8	
dark brazil	**578115**	1/50	8	
anthracite	**578114**	1/50	8	
aluminium	**578160**	1/50	8	



Electronic switch insert

AC 230 V

For ohmic load such as incandescent lamps, 230 V halogen lamps.

Switching capacity: 40-300 W
Neutral conductor:not required (2 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...

Technical Information: ARGUS flush-mounted overview (⇒ p. 506)

Note: A maximum of two electronic switch inserts may be wired in parallel. The sensor cover with radio receiver for switch inserts, art. no. 5932.., 5933.. can be used from version 1A with the electronic switch insert, art. no. 576799. The insert from version 2A only, can be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
40-300 W	**576799**	1/50	8	



Relay switch insert

AC 230 V

For ohmic and complex loads such as incandescent lamps, fluorescent lamps, energy-saving lamps, LV halogen lighting etc.

Switching capacity: 0-1000 VA
Capacitive load: max. 140 µF
Neutral conductor: required (3 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...

Technical Information: ARGUS flush-mounted overview (⇒ p. 506)

Note: Replace the relay switch insert, art. no. 576899.

Version	Art. no.	PU	PG	Info
0-1000 VA	**576897**	1/50	8	

KNX

On request, the AQUADESIGN range can be integrated indoors into KNX using bus coupler inserts Art. No. 6711.. and 6712...

Communications technology



Blanking cover

Cover for relay, multiple control relay for roller shutters, buzzer, power booster, KNX binary input, flush-mounted/4x10 etc.
Can be used universally with mechanical machining (drilling, milling etc.)
Without claws, for screw fixing.

IP 44

Note: Type of protection IP 20 after mechanical processing (boring, milling etc.)

Version	Art. no.	PU	PG	Info
white	**348344**	5/120	2.1	
polar white	**348319**	5/120	2.1	
dark brazil	**348315**	5/120	2.1	
anthracite	**348314**	5/120	2.1	
aluminium	**348360**	5/120	2.1	



Inclined outlet

For data connection and communications technology.
Order the associated inserts separately.
With labelling field.
To be labelled with labelling strips.

To be completed with: Communications inserts, art. no. System M and System Design 464379-99.
Accessories: Labelling strips for switches, socket-outlets, art. no. 395019

Technical Information: Inserts for inclined outlets (⇒ p. 486)

Contents: Without inserts.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**464344**	1/50	1	
polar white	**464319**	1/50	1	
metallic				
aluminium	**464360**	1/50	1.2	



Insert for Reichle & De-Massari

For two Reichle & De Massari connection modules or additional R&M modules.
Information: http://www.rdm.com

To be completed with: Inclined outlet, art. no. System M 4649.., 4646.., System Design 4643...
Accessories: Reichle & De-Massari connection module, unshielded, art. no. 465580/82. Reichle & De-Massari connection module, shielded, art. no. 465581/83. Reichle & De-Massari splash flange, art. no. 465591. Reichle & De-Massari splash sleeve, art. no. 465590.

Version	Art. no.	PU	PG	Info
black	**464384**	10/300	1	



Reichle & De-Massari connection module, unshielded

Connection with ICD clamping method (no equipment necessary).

To be completed with: Insert for Reichle & De-Massari, art. no. 464384.
Accessories: Reichle & De-Massari splash flange, art. no. 465591. Reichle & De-Massari splash sleeve, art. no. 465590.

Version	Art. no.	PU	PG	Info
Cat 5e, 1xRJ45/u	**465580**	2/100	1	
Cat 6, 1xRJ45/u	**465582**	2/100	1	



Reichle & De-Massari connection module, shielded

Connection with ICD clamping method (no equipment necessary).

To be completed with: Insert for Reichle & De-Massari, art. no. 464384.
Accessories: Reichle & De-Massari splash flange, art. no. 465591. Reichle & De-Massari splash sleeve, art. no. 465590.

Version	Art. no.	PU	PG	Info
Cat 5e, 1xRJ45/s	**465581**	2/100	1	
Cat 6, 1xRJ45/s	**465583**	2/100	1	



Reichle & De-Massari splash flange

In the AQUADESIGN switch range, protection type IP 44 is achieved for all Reichle & De Massari modules with the splash flange.

To be completed with: Insert for Reichle & De-Massari, art. no. 464384.Reichle & De-Massari splash sleeve, art. no. 465590.

Contents: 1 PU = 10 pieces.

Version	Art. no.	PU	PG	Info
blue	**465591**	1/60	1	

Reichle & De-Massari splash sleeve

The splash sleeve is pulled over the connecting cable. In conjunction with the splash flange, protection type IP 44 is also achieved with plug-in connecting cable.

To be completed with: Reichle & De-Massari splash flange, art. no. 465591.

Note: Splash installation tool (three-prong pliers) can be ordered directly from Reichle & De-Massari.

Version	Art. no.	PU	PG	Info
transparent	**465590**	10/600	1	



Intermediate ring with hinged lid

Using the intermediate ring, System M inserts can be integrated into AQUADESIGN with the normal construction height (e.g. TAE, RJ45, socket-outlets etc.) Protection rating IP 44 is maintained.

IP 44

Version	Art. no.	PU	PG	Info
white	**516544**	5/120	2.1	
polar white	**516519**	5/120	2.1	
dark brazil	**516515**	5/120	2.1	
anthracite	**516514**	5/120	2.1	
aluminium	**516560**	5/120	2.1	



Intermediate ring with transparent hinged lid

All System M inserts can be integrated into AQUADESIGN with the intermediate ring. Protection rating IP 44 is maintained.

IP 44

Note: With all electronic items, please observe the permitted environmental conditions.

Version	Art. no.	PU	PG	Info
white	**516944**	5/120	2.1	
polar white	**516919**	5/120	2.1	
dark brazil	**516915**	5/120	2.1	
anthracite	**516914**	5/120	2.1	
aluminium	**516960**	5/120	2.1	



Intermediate ring with hinged lid and labelling field

IP 44

Using the intermediate ring, System M inserts can be integrated into AQUADESIGN with the normal construction height (e.g. TAE, RJ45, socket-outlets etc.) Protection rating IP 44 is maintained.

Version	Art. no.	PU	PG	Info
white	**516644**	5/120	2.1	
polar white	**516619**	5/120	2.1	
dark brazil	**516615**	5/120	2.1	
anthracite	**516614**	5/120	2.1	
aluminium	**516660**	5/120	2.1	



Intermediate ring with hinged lid and labelling field, lockable

IP 44

Different locks

Using the intermediate ring, System M inserts can be integrated into AQUADESIGN with the normal construction height (e.g. TAE, RJ45, socket-outlets etc.) Protection rating IP 44 is maintained.

Version	Art. no.	PU	PG	Info
white	**516344**	4/96	2.1	
polar white	**516319**	4/96	2.1	
dark brazil	**516315**	4/96	2.1	
anthracite	**516314**	4/96	2.1	
aluminium	**516360**	4/96	2.1	

Accessories



Symbols, rectangular

For rockers and switches with square opening.

Version	Art. no.	PU	PG	Info
neutral, white	**395500**	100/4000	1	
light, white	**395600**	100/4000	1	
door, white	**395700**	100/4000	1	
bell, white	**395800**	100/4000	1	
neutral, clear	**395569**	100/4000	1	
light, clear	**395669**	100/4000	1	
door, clear	**395769**	100/4000	1	
bell, clear	**395869**	100/4000	1	
neutral, red transp.	**395900**	100/4000	1	

Adapter

Inserts for System M can be integrated in AQUADESIGN with the adapter. Protection type IP 20.

Version	Art. no.	PU	PG	Info
white	**518344**	10/240	2.1	
polar white	**518319**	10/240	2.1	
anthracite	**518314**	10/240	2.1	
aluminium	**518360**	10/240	2.1	

AQUADESIGN frames

AQUADESIGN frame, 1-gang

IP 44

Version	Art. no.	PU	PG	Info
white	**400144**	10/60	2.1	
polar white	**400119**	10/60	2.1	
dark brazil	**400115**	10/60	2.1	
anthracite	**400114**	10/60	2.1	
aluminium	**400160**	10/60	2.1	

IP 44

AQUADESIGN frame, 2-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	**400244**	8/32	2.1	
polar white	**400219**	8/32	2.1	
dark brazil	**400215**	8/32	2.1	
anthracite	**400214**	8/32	2.1	
aluminium	**400260**	8/32	2.1	

IP 44

AQUADESIGN frame, 3-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	**400344**	2/14	2.1	
polar white	**400319**	2/14	2.1	
dark brazil	**400315**	2/14	2.1	
anthracite	**400314**	2/14	2.1	
aluminium	**400360**	2/14	2.1	

IP 44

AQUADESIGN frame, 4-gang

For vertical and horizontal installation.

Version	Art. no.	PU	PG	Info
white	**400444**	2/14	2.1	
polar white	**400419**	2/14	2.1	
anthracite	**400414**	2/14	2.1	
aluminium	**400460**	2/14	2.1	

AQUADESIGN frame with screw connection, 1-gang

IP 44

Contents: With screws and sealing plugs.

Version	Art. no.	PU	PG	Info
white	**401144**	10/60	2.1	
polar white	**401119**	10/60	2.1	
dark brazil	**401115**	10/60	2.1	
anthracite	**401114**	10/60	2.1	
aluminium	**401160**	10/60	2.1	

IP 44

AQUADESIGN frame with screw connection, 2-gang

For vertical and horizontal installation.

Contents: With screws and sealing plugs.

Version	Art. no.	PU	PG	Info
white	**401244**	8/32	2.1	
polar white	**401219**	8/32	2.1	
dark brazil	**401215**	8/32	2.1	
anthracite	**401214**	8/32	2.1	
aluminium	**401260**	8/32	2.1	

IP 44

AQUADESIGN frame with screw connection, 3-gang

For vertical and horizontal installation.

Contents: With screws and sealing plugs.

Version	Art. no.	PU	PG	Info
white	**401344**	2/14	2.1	
polar white	**401319**	2/14	2.1	
dark brazil	**401315**	2/14	2.1	
anthracite	**401314**	2/14	2.1	
aluminium	**401360**	2/14	2.1	

IP 44

AQUADESIGN frame with screw connection, 4-gang

For vertical and horizontal installation.

Contents: With screws and sealing plugs.

Version	Art. no.	PU	PG	Info
white	**401444**	2/14	2.1	
polar white	**401419**	2/14	2.1	
dark brazil	**401415**	2/14	2.1	
anthracite	**401414**	2/14	2.1	
aluminium	**401460**	2/14	2.1	

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- Theft-proof thanks to sealed screw holes.
- Indestructible, even when exposed to open flame, tools and heavy blows.
- 4 mm wall-fixing screws anchor the frames and inserts in the masonry.
- Suitable for size 60 mounting box or mounting box, art. no. 528068 with integrated screw fixings and pointed plug holes.
- Switch inserts with connecting terminals to VDE 0632.
- Can be illuminated as defined by German workplace regulations of 20.03.1975.
- Notes on materials:
  Insulating lining, thick-walled, die-cast aluminium metal cover.

Material: Real metal surface.

Technical Information: ANTI-VANDALISM (⇒ p. 438); ANTI-VANDALISM dimensions (⇒ p. 439)

Switches and push-buttons, without frames

Special extra-resistant range

Technical Information: Circuit diagrams for installation of switches and push-buttons (⇒ p. 427)



Rocker switch insert

10 AX, AC 250 V

Illuminated.

Accessories: Neon lamp attachment with integrated lamp, art. no. 396502. Plug-in light attachment E 10, art. no. 396576. Neon lamp E 10, art. no. 395100. LED lamp E 10, art. no. 3951...

Further functions available on request.

Contents: Without frame.

Version	Art. no.	PU	PG	Info
two-way, matt silver	**313640**	1/30	1.6	
intermediate, matt silver	**313740**	1/30	1.6	



Rocker control switch insert

10 AX, AC 250 V

Can also be used as a 1-pole, one-way control switch.

Contents: With neon lamp, without frame.

Version	Art. no.	PU	PG	Info
two-way, matt silver	**322640**	1/30	1.6	



Rocker button insert

10 A, 250 V AC

Illuminated.

Accessories: Neon lamp attachment with integrated lamp, art. no. 396502. Plug-in light attachment E 10, art. no. 396576. Neon lamp E 10, art. no. 395100. LED lamp E 10, art. no. 3951...

Contents: Without frame.

Version	Art. no.	PU	PG	Info
two-way, 1-pole, matt silver	**314040**	1/30	1.6	



Neon lamp attachment with integrated lamp

AC 230 V, 0.65 mA

For all 1- and 2-pole switch inserts.
For monitoring or lighting.

Contents: With neon lamp.

Version	Art. no.	PU	PG	Info
grey	**396502**	10/1000	1	



Plug-in light attachment E 10

For all 1- and 2-pole switch inserts.
For monitoring or lighting.
Caution!
For low voltage variants (e.g. 8 V) we recommend a display lamp, 24-30 V, tubular, E 10, up to 25 mm in length.

To be completed with: Neon lamp E 10, art. no. 395100. LED lamp E 10, art. no. 3951...

Contents: Without neon lamp.

Version	Art. no.	PU	PG	Info
	396576	10/1000	1	



LED lamp

AC/DC 230 V, AC/DC 24 V

Suitable for plug-in light attachment E 10 or light signal E 10 insert.

To be completed with: Plug-in light attachment E 10, art. no. 396576. Light signal E 10 insert, art. no. 319016.

Note: Current consumption approx. 20 mA

Version	Art. no.	PU	PG	Info
AC 230 V, red	**395120**	20/240	1	
AC 230 V, yellow	**395121**	20/240	1	
AC 230 V, green	**395122**	20/240	1	
AC 230 V, blue	**395123**	20/240	1	
AC 230 V, white	**395124**	20/240	1	
AC 24 V, red	**395131**	20/240	1	
AC 24 V, yellow	**395132**	20/240	1	
AC 24 V, green	**395133**	20/240	1	
AC 24 V, blue	**395134**	20/240	1	
AC 24 V, white	**395135**	20/240	1	



Neon lamp E 10

AC 230 V, 0.65 mA

Low current consumption (approx. 0.65 mA) and low starting voltage (max. 120 V) mean it is particularly suitable for stairwell and fluorescent lamp circuits.

To be completed with: Plug-in light attachment E 10, art. no. 396576.

Version	Art. no.	PU	PG	Info
AC 230 V, 0.65 mA	**395100**	20/4080	1	

Roller shutter switches

Special extra-resistant range

Technical Information: Roller shutter switch and push-button (⇒ p. 462)



Momentary/maintained-contact switch insert for roller shutters for cylinder locks

10 A, 250 V AC

IP 44

Splash-proof.
For standard semi-cylinder locks of 40 mm in length.
Can only be used as a single device.

Available as a two-way switch on request.
Contents: Complete device with gasket and frame but without lock.

Version	Art. no.	PU	PG	Info
matt silver	**318240**	1/21	1.6	



Roller shutter push-button insert for cylinder locks

10 A, 250 V AC

IP 44

Splash-proof.
For standard semi-cylinder locks of 40 mm in length.
Can only be used as a single device.

Contents: Complete device with gasket and frame but without lock.

Version	Art. no.	PU	PG	Info
matt silver	**318440**	1/21	1.6	

Socket-outlets and accessories

Special extra-resistant range



SCHUKO socket-outlet insert with screw terminals

16 A, AC 250 V, DIN 49440

With screw terminals.

Contents: Without frame.

Version	Art. no.	PU	PG	Info
matt silver	**270840**	1/30	1.6	



SCHUKO socket-outlet insert with improved protection against accidental contact

16 A, AC 250 V, DIN 49440

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With screw terminals.

Contents: Without frame.

Version	Art. no.	PU	PG	Info
matt silver	**270940**	1/30	1.6	



Socket-outlet insert with earthing pin and increased protection against accidental contact

16 A, AC 250 V, CEE 7 Standard Sheet V

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
With screw terminals.
With claw and screw fixing.

Contents: Without frame.

Version	Art. no.	PU	PG	Info
matt silver	**280838**	1/30	1.6	



Loudspeaker socket-outlet insert

With 2 loudspeaker sockets in accordance with DIN 41529 and central plate.
With screw connections.

Contents: Without frame.

Version	Art. no.	PU	PG	Info
matt silver	**295140**	1/30	1.6	

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Central plate for antenna socket-outlets

For coaxial antenna socket-outlets in line with DIN 45330, e.g., AEG, Astro, Bosch, Fuba, Hirschmann, Kathrein, Philips, Polytron, Siemens, Wisi, Zehnder etc.

Contents: Without frame.

Version	Art. no.	PU	PG	Info
matt silver	**294640**	1/100	1.6	



Audio socket

XLR circular connector 3-pole with solder connection and mechanical lock.

Contents: Without frame.

Version	Art. no.	PU	PG	Info
matt silver	**460840**	1/30	1.6	



RJ45 telephone connector insert

With 1-gang CAT 5 RJ45 insert.
For connecting analogue or digital terminals using an 8-pole RJ45 socket.

Contents: Without frame.

Version	Art. no.	PU	PG	Info
matt silver	**465740**	1/30	1.6	



Blanking cover

Cover for relay, multiple control relay for roller shutters, buzzer, power booster, KNX binary input, flush-mounted/4x10 etc.
Can be used universally with mechanical machining (drilling, milling etc.)
Without claws, for screw fixing.

Contents: Without frame.

Version	Art. no.	PU	PG	Info
matt silver	**392340**	1/100	1.6	



Mounting box

With screw fixing for ANTI-VANDALISM inserts and frames.
A dovetail connector guarantees the standard combination clearance of 71 mm. Box front with green, closed protective cover for plaster.

Contents: With 2 fixing screws.

Version	Art. no.	PU	PG	Info
green	**528068**	10/40	1.6	

KNX

The ANTI-VANDALISM range can be integrated into KNX via the bus coupling inserts art. no. 6711 .. on request.

- The ANTI-VANDALISM cover and the bus coupling insert are supplied as a complete device.

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ANTI-VANDALISM frames

Special extra-resistant range



Frame, 1-gang

With sealable fixing holes, frame suitable for use as guide for Ø 6 mm plug.

Replacement part: Lead seal, art. no. 390199.
Contents: With lead seals.

Version	Art. no.	PU	PG	Info
matt silver	**480140**	1/100	1.6	



Frame, 2-gang

With sealable fixing holes, frame suitable for use as guide for Ø 6 mm plug.
Only for vertical installation with a distance of 71 mm.

Replacement part: Lead seal, art. no. 390199.
Contents: With lead seals.

Version	Art. no.	PU	PG	Info
matt silver	**480240**	1/75	1.6	



Frame, 3-gang

With sealable fixing holes, frame suitable for use as guide for Ø 6 mm plug.
Only for vertical installation with a distance of 71 mm.

Replacement part: Lead seal, art. no. 390199.
Contents: With lead seals.

Version	Art. no.	PU	PG	Info
matt silver	**480340**	1/58	1.6	



Lead seals

As spare parts for sealing fixing holes.

Contents: 1 PU = 8 lead seals

Version	Art. no.	PU	PG	Info
matt silver	**390199**	1/600	1.6	

AQUASTAR | IMPACT-RESISTANT | AGRAR | SURFACE-MOUNTED
SIMPLY UNBEATABLE



AQUASTAR

Neither moisture, splashing water nor even chemicals can affect AQUASTAR. Thanks to its tough plastic housing, this special surface-mounted range is also extremely resistant to mechanical stresses. The labelling fields ensure clear allocation of all functions and areas of application.

IMPACT-RESISTANT

A range that completely justifies its name. IMPACT-RESISTANT withstands even extreme mechanical conditions, e.g. in workshops. High-quality technical components and first-class thermoplastic materials guarantee long life and functional safety.

AGRAR

Electrical installation materials are exposed to severe conditions on farms, in chemical industries and in coastal areas and can easily become damaged: The weather-resistant and corrosion-protected AGRAR range of products has been especially developed for such demanding areas of application.

SURFACE-MOUNTED

Is a flush-mounted installation not possible or only at considerable expense? Fortunately, the Merten surface-mounted range is available for these cases. It is the ideal solution for extending an existing installation on facing brickwork or on panelling.
For example: when renovating an old building.

Surface-mounted housing is available for the M-SMART, M1, ATELIER, ARTEC and OCTOCOLOR switch ranges.

CONTENTS



AQUASTAR



IMPACT-RESISTANT



AGRAR



SURFACE-MOUNTED

244 AQUASTAR

244 Switches, push-buttons and accessories
245 Roller shutter switches
246 SCHUKO socket-outlets
247 Accessories

248 IMPACT-RESISTANT

248 Switches, push-buttons and accessories
249 SCHUKO socket-outlets
250 Socket-outlets
250 Accessories

252 AGRAR

252 Switches, push-buttons and accessories
253 SCHUKO socket-outlets
253 Accessories

254 SURFACE-MOUNTED

254 Switches, push-buttons and accessories
256 SCHUKO socket-outlets
257 Socket-outlets
258 Accessories for surface-mounted socket-outlets and combinations
259 Surface-mounted housing for M-SMART, M1, ARTEC, OCTOCOLOR
260 Surface-mounted housing for ATELIER
260 Accessories for surface-mounted housing

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Range for damp locations
- Plug-in terminals even for socket-outlets.
- All socket-outlet hinged lids, switches and light signals can be retrofitted with a labelling field.
- All bases are removable.
- Switch inserts with connecting terminals to VDE 0632
- Can be illuminated as defined by German workplace regulations of 20.03.1975.
- Socket-outlets with connecting terminals to VDE 0620 part 1.
- Notes on materials:
  Tough thermoplastic housing.
  All external metal parts are made of rustproof material.

Material: Thermoplastic.

Technical Information: AQUASTAR dimensions (⇒ p. 442)

Switches, push-buttons and accessories

Technical Information: Circuit diagrams for installation of switches and push-buttons (⇒ p. 427)



Rocker switch

10 AX, AC 250 V

IP 44

Version	Art. no.	PU	PG	Info
two-way, light grey	**340639**	10/60	2	
intermediate, light grey	**340739**	10/40	2	
one-way, 2-pole, light grey	**340239**	10/40	2	



Rocker switch

10 AX, AC 250 V

IP 44

Version	Art. no.	PU	PG	Info
two-circuit, light grey	**340539**	10/40	2	



Rocker switch

16 AX, AC 400 V

Illuminated.
With screw terminals.

IP 44

Accessories: Light attachment, art. no. 396376.

Version	Art. no.	PU	PG	Info
one-way, 3-pole, light grey	**340339**	10/40	2	



Light attachment for 3-pole switch

AC 400 V, 1.25 mA

For 3-pole switch.
Contacts the outside terminals (400 V).

To be completed with: Rocker switch insert, art. no. 311300. Rocker switch, art. no. 340339.Rocker control switch, art. no. 372375.

Contents: With neon lamp.

Version	Art. no.	PU	PG	Info
AC 400 V, 1.25 mA	**396376**	5/1020	1	



Rocker control switch

10 AX, AC 250 V

Can also be used as a 1-pole, one-way control switch.
Can be used as a heating emergency switch with the labelling insert supplied.

IP 44

Contents: With neon lamp (spot light) and labelling insert, art. no. 395939.

Version	Art. no.	PU	PG	Info
two-way, light grey	**342639**	10/40	2	
one-way, 2-pole, light grey	**342239**	10/40	2	



Rocker button

10 A, 250 V AC

IP 44

Contents: With labelling insert "Light". We also supply 5 labelling inserts for every 5 buttons: 1 door, 3 bell and 1 neutral.

Version	Art. no.	PU	PG	Info
make contact, 1-pole, light grey	**344039**	10/40	2	
make contact, 1-pole with separate signalling contact and integral neon lamp, light grey	**344839**	10/40	2	
two-way, 1-pole, light grey	**344939**	10/40	2	



Light attachment for AQUASTAR

Spot lighting Ø 22.5 mm.

Contents: With neon lamp.

Version	Art. no.	PU	PG	Info
AC 230 V, 0.65 mA	**396776**	10/1000	2	
12 V/ 2 W	**396772**	5/300	2	
24 V/ 2 W	**396774**	5/300	2	

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Long light attachment

AC 230 V

With fitted neon lamp.
Current consumption 3.5 mA.

Version	Art. no.	PU	PG	Info
AC 230 V	**396876**	5/300	2	



Heating emergency switch

10 AX, AC 250 V

With imprint "Heating emergency switch".

IP 44

Contents: With long light attachment and double entry for cable and leads.

Version	Art. no.	PU	PG	Info
two-way, light grey	**342694**	10/40	2	
one-way, 2-pole, light grey	**342294**	10/40	2	



Heating emergency switch

16 AX, AC 400 V

With imprint "Heating emergency switch".

IP 44

Contents: With neon lamp and double entry for cable and leads.

Version	Art. no.	PU	PG	Info
one-way, 3-pole, light grey	**340394**	10/40	2	



Two-way pull-cord switch

10 AX, AC 250 V

Duroplastic housing.

IP 44

Version	Art. no.	PU	PG	Info
two-way, light grey	**346629**	5/30	2	

Roller shutter switches

Technical Information: Roller shutter switch and push-button (⇒ p. 462)



Roller shutter rocker switch

10 A, 250 V AC

With mechanical reverse lock-out and electrical interlock.

IP 44

Version	Art. no.	PU	PG	Info
1-pole, light grey	**341539**	10/40	2	



Roller shutter rocker button

10 A, 250 V AC

With mechanical reverse lock-out and electrical interlock.

IP 44

Version	Art. no.	PU	PG	Info
1-pole, light grey	**345539**	10/40	2	



Momentary/maintained-contact switch for roller shutters for cylinder locks

10 A, 250 V AC

For standard semi-cylinder locks of 40 mm in length.

IP 44

Contents: Without lock.

Version	Art. no.	PU	PG	Info
2-pole, light grey	**347639**	1/24	8	



Roller shutter push-button for cylinder locks

10 A, 250 V AC

For standard semi-cylinder locks of 40 mm in length.

IP 44

Contents: Without lock.

Version	Art. no.	PU	PG	Info
2-pole, light grey	**347939**	1/24	8	

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SCHUKO socket-outlets



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

With labelling option and labelling insert.
With plug-in terminals.

IP 44

Accessories: Labelling insert, art. no. 235539.

Version	Art. no.	PU	PG	Info
light grey	**238039**	10/60	2	



SCHUKO socket-outlet, lockable

16 A, AC 250 V, DIN 49440

With labelling option and labelling insert.
With plug-in terminals.

IP 44

Accessories: Labelling insert, art. no. 235539.
Contents: With security lock, 2 keys per socket-outlet.

Version	Art. no.	PU	PG	Info
different locks, light grey	**238139**	1/30	2	
identical locks, lock no. 200, light grey	**238104**	1/30	2	
2 identical locks, double set, light grey	**238105**	1/18	2	



IP 44

SCHUKO double socket-outlet, horizontal arrangement

16 A, AC 250 V, DIN 49440

Arranged horizontally and wired together.
With labelling option and labelling insert.
With 4 cable entries.
With plug-in terminals.

Accessories: Labelling insert, art. no. 235539.

Version	Art. no.	PU	PG	Info
light grey	**239039**	5/30	2	



SCHUKO double socket-outlet, vertical arrangement

16 A, AC 250 V, DIN 49440

Arranged vertically and wired together.
With labelling option and labelling insert.
With 2 cable entries.
With plug-in terminals.

IP 44

Accessories: Labelling insert, art. no. 235539.

Version	Art. no.	PU	PG	Info
light grey	**239139**	5/30	2	



IP 44

SCHUKO triple socket-outlet

16 A, AC 250 V, DIN 49440

With labelling option and labelling insert.
The bases are wired together. With 5 cable entries.
The inserts can be replaced with any other devices in the AQUASTAR range.
With plug-in terminals.

Accessories: Labelling insert, art. no. 235539.

Version	Art. no.	PU	PG	Info
light grey	**239739**	1/14	2	



Combination SCHUKO socket-outlet/two-way switch

SCHUKO socket-outlet: 16 A, AC 250 V, DIN 49440.
Combined with two-way switch: 10 AX, AC 250 V.
The inserts can be replaced with any other devices in the AQUASTAR range.

IP 44

Accessories: Labelling insert, art. no. 235539.

Version	Art. no.	PU	PG	Info
light grey	**227239**	5/30	2	

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Accessories



Label set

All AQUASTAR switches and AQUASTAR light signals E 14 can be labelled using these labelling inserts.
The labelling insert is suitable for use with a typewriter.

Contents: 5 white inserts.

Version	Art. no.	PU	PG	Info
neutral	**395539**	1/1000	2	
light	**395639**	1/1000	2	
door	**395739**	1/1000	2	
bell	**395839**	1/1000	2	
heating emergency switch	**395939**	1/1000	2	
for 3-pole, one-way switch 340339/94	**395339**	1/1000	2	



Labelling insert

All AQUASTAR socket-outlets can be labelled using the labelling insert.
The labelling insert is suitable for use with a typewriter.

Contents: Transparent labelling insert and labelling strips.

Version	Art. no.	PU	PG	Info
white	**235539**	10/1000	2	



Light signal E 14

AC 250 V, max. 5 W

With flat, red hood for max. 5 watt.
For neon and incandescent lamps of max. 38 mm in length.
Can be retrofitted with a shatter-proof dome for max. 10 watt.

IP 44

To be completed with: Incandescent lamp E 14, art. no. 396676.
Dome for light signal E 14, art. no. 396611/12/13.
Accessories: Dome for light signal E14, art. no. 396611/12/13.
Contents: Without neon lamp.

Version	Art. no.	PU	PG	Info
light grey	**348039**	1/30	2	



Incandescent lamp E 14

AC 250 V, 5 W

Particularly suited to light signal E 14 with flat hood.

To be completed with: Light signal E 14 insert, art. no. 348039.

Version	Art. no.	PU	PG	Info
AC 230 V, 5 watts	**396676**	5/1020	2	



Dome for light signal E 14

Break-proof, high version for neon lamps in accordance with DIN 49850 and tubular lamps in accordance with DIN 49852, form A up to a max. of 10 watts, e.g. ERG type RL/E 14, 10 W.

To be completed with: Light signal E 14 insert, art. no. 378075.
Light signal E 14 insert, art. no. 348039.

Version	Art. no.	PU	PG	Info
green	**396612**	2/80	2	
red	**396611**	2/80	2	
clear	**396613**	2/80	2	



Double entry

For cables and leads.

Version	Art. no.	PU	PG	Info
grey	**536062**	10/1000	2	



Slide with gland

For M20 x 1.5 steel armoured conduit with thread or M20 x 1.5 compression gland.

Version	Art. no.	PU	PG	Info
grey	**535563**	10/300	2	



Connecting element

For close arrangement of several devices.

Version	Art. no.	PU	PG	Info
grey	**535962**	10/500	2	



Conduit entry

For plastic tubes in accordance with 49016. Internal diameter 18.7 mm and external diameter 25 mm.

Version	Art. no.	PU	PG	Info
grey	**534062**	10/240	2	



Mini-trunking entry

For 15 x 15 mm ducts.

Version	Art. no.	PU	PG	Info
grey	**534162**	10/240	2	

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- Switch inserts with connecting terminals to VDE 0632
- Can be illuminated as defined by German workplace regulations of 20.03.1975.
- Socket-outlets with connecting terminals to VDE 0620 part 1.
- Notes on materials:
  Shatter-proof thermoplastic.
  All external metal parts are made of rustproof material.

Material: Thermoplastic.

Technical Information: IMPACT-RESISTANT dimensions (⇒ p. 442) ; IMPACT-RESISTANT material durability (⇒ p. 443)

Switches, push-buttons and accessories

Technical Information: Circuit diagrams for installation of switches and push-buttons (⇒ p. 427)



Rocker switch

16 AX, AC 250 V

Illuminated.
With screw terminals.

IP66

Accessories: Neon lamp attachment with integrated lamp, art. no. 396502. Plug-in light attachment E 10, art. no. 396576. Neon lamp E 10, art. no. 395100. LED lamp E 10, art. no. 3951...

Version	Art. no.	PU	PG	Info
two-way, blue	**370675**	1/30	2	
intermediate, blue	**370775**	1/30	2	



Rocker control switch

16 AX, AC 250 V

Can also be used as a 1-pole, one-way control switch.
With screw terminals.

IP66

Contents: With neon lamp.

Version	Art. no.	PU	PG	Info
two-way, blue	**372675**	1/30	2	
one-way, 2-pole, blue	**372275**	1/30	2	



Rocker control switch

16 AX, AC 400 V

With screw terminals.

IP66

Contents: With light attachment for 3-pole switch, art. no. 396376.

Version	Art. no.	PU	PG	Info
one-way, 3-pole, blue	**372375**	1/30	2	



Rocker button

10 A, 250 V AC

Illuminated.
With plug-in terminals.

IP66

Accessories: Neon lamp attachment with integrated lamp, art. no. 396502. Plug-in light attachment E 10, art. no. 396576. Neon lamp E 10, art. no. 395100. LED lamp E 10, art. no. 3951...

Contents: 1 light, 1 door, 1 bell per push-button.

Version	Art. no.	PU	PG	Info
make contact, 1-pole, with separate signalling contact, blue	**375975**	1/30	2	
two-way, 1-pole, blue	**375998**	1/30	2	
break contact, 1-pole, with separate signalling contact, blue	**375997**	1/30	2	



Symbols, rectangular

For rockers and switches with square opening.

Version	Art. no.	PU	PG	Info
neutral, clear	**395569**	100/4000	1	
light, clear	**395669**	100/4000	1	
door, clear	**395769**	100/4000	1	
bell, clear	**395869**	100/4000	1	
neutral, red transp.	**395900**	100/4000	1	



Neon lamp attachment with integrated lamp

AC 230 V, 0.65 mA

For all 1- and 2-pole switch inserts.
For monitoring or lighting.

Contents: With neon lamp.

Version	Art. no.	PU	PG	Info
grey	**396502**	10/1000	1	



Plug-in light attachment E 10

For all 1- and 2-pole switch inserts.
For monitoring or lighting.
Caution!
For low voltage variants (e.g. 8 V) we recommend a display lamp, 24-30 V, tubular, E 10, up to 25 mm in length.

To be completed with: Neon lamp E 10, art. no. 395100.LED lamp E 10, art. no. 3951...

Contents: Without neon lamp.

Version	Art. no.	PU	PG	Info
	396576	10/1000	1	

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LED lamp

AC/DC 230 V, AC/DC 24 V

Suitable for plug-in light attachment E 10 or light signal E 10 insert.

To be completed with: Plug-in light attachment E 10, art. no. 396576. Light signal E 10 insert, art. no. 319016.

Note: Current consumption approx. 20 mA

Version	Art. no.	PU	PG	Info
AC 230 V, red	**395120**	20/240	1	
AC 230 V, yellow	**395121**	20/240	1	
AC 230 V, green	**395122**	20/240	1	
AC 230 V, blue	**395123**	20/240	1	
AC 230 V, white	**395124**	20/240	1	
AC 24 V, red	**395131**	20/240	1	
AC 24 V, yellow	**395132**	20/240	1	
AC 24 V, green	**395133**	20/240	1	
AC 24 V, blue	**395134**	20/240	1	
AC 24 V, white	**395135**	20/240	1	



Neon lamp E 10

AC 230 V, 0.65 mA

Low current consumption (approx. 0.65 mA) and low starting voltage (max. 120 V) mean it is particularly suitable for stairwell and fluorescent lamp circuits.

To be completed with: Plug-in light attachment E 10, art. no. 396576.

Version	Art. no.	PU	PG	Info
AC 230 V, 0.65 mA	**395100**	20/4080	1	



Light attachment for 3-pole switch

AC 400 V, 1.25 mA

For 3-pole switch.
Contacts the outside terminals (400 V).

To be completed with: Rocker switch insert, art. no. 311300. Rocker switch, art. no. 340339.Rocker control switch, art. no. 372375.

Contents: With neon lamp.

Version	Art. no.	PU	PG	Info
AC 400 V, 1.25 mA	**396376**	5/1020	1	

SCHUKO socket-outlets

- Connecting terminals in accordance with VDE 0620 Part 1.



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

Removable base.
With screw terminals.

IP 44

Version	Art. no.	PU	PG	Info
blue	**279075**	1/30	2	



SCHUKO socket-outlet with information field

16 A, AC 250 V, DIN 49440

With information field and removable base.
With screw terminals.

IP 44

Version	Art. no.	PU	PG	Info
blue	**279091**	1/30	2	



SCHUKO workbench socket-outlet

16 A, AC 250 V, DIN 49440

1-pole fuse-protected.
Fine-wire fuse T 10 A in accordance with DIN 41571.
Removable base.
With screw terminals.

IP 44

Contents: 2 cable entries.

Version	Art. no.	PU	PG	Info
blue	**279175**	1/30	2	



IP 44

SCHUKO double socket-outlet

16 A, AC 250 V, DIN 49440

With break-out cable entries on all sides.
The base is fixed to the lower section.
With screw terminals.

Contents: 2 cable entries.

Version	Art. no.	PU	PG	Info
blue	**229275**	1/20	2	



SCHUKO double socket-outlet, vertical

16 A, AC 250 V, DIN 49440

With break-out cable entries on all sides.
The base is fixed to the lower section.
With screw terminals.

IP 44

Contents: 2 cable entries.

Version	Art. no.	PU	PG	Info
blue	**229286**	1/20	2	

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SCHUKO triple socket-outlet

16 A, AC 250 V, DIN 49440

With break-out cable entries on all sides.
The inserts can be replaced with any other devices in the IMPACT-RESISTANT range.
With screw terminals.

Contents: 2 cable entries.

Version	Art. no.	PU	PG	Info
blue	**229375**	2/8	2	



Mobile SCHUKO triple socket-outlet

16 A, AC 250 V, DIN 49440

The bases are wired together.
Suitable for cables up to 3 x 2.5 mm² H 07 RN-F and NSSHöu.
With plastic hanger (strain relief) and bend protection sleeve.
With screw terminals.

Version	Art. no.	PU	PG	Info
blue	**229393**	2/8	2	



Mobile SCHUKO triple socket-outlet with 5 m incoming cable

16 A, AC 250 V, DIN 49440

With 5 m incoming cable H 07 RN-F 3 G 1.5 mm² and all-rubber SCHUKO plug, art. no. 122051.
With screw terminals.

Version	Art. no.	PU	PG	Info
blue	**229395**	1/4	2	



Combination SCHUKO socket-outlet/two-way switch

SCHUKO socket-outlet: 16 A, AC 250 V, DIN 49440.
Combined with two-way switch: 16 AX, AC 250 V.
With break-out cable entries on all sides.
The inserts can be replaced with any other devices in the IMPACT-RESISTANT range.
With screw terminals.

Contents: 2 cable entries.

Version	Art. no.	PU	PG	Info
blue	**227875**	1/20	2	

Socket-outlets



Socket-outlet with earthing pin and increased protection against accidental contact

16 A, AC 250 V, CEE 7 Standard Sheet V

Improved protection against accidental contact.
Removable base.
With screw terminals.
Suitable for surface mounting.

Version	Art. no.	PU	PG	Info
blue	**289378**	1/30	2	

Accessories



Light signal E 14

AC 250 V, max. 10 W

For neon lamps in accordance with DIN 49850 and tubular lamps in accordance with DIN 49852, form A.

To be completed with: Dome for light signal E 14, art. no. 396611/12/13. Incandescent lamp E 14, art. no. 396676.

Contents: Without lamp and cover.

Version	Art. no.	PU	PG	Info
blue	**378075**	1/30	2	

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Dome for light signal E 14

Break-proof, high version for neon lamps in accordance with DIN 49850 and tubular lamps in accordance with DIN 49852, form A up to a max. of 10 watts, e.g. ERG type RL/E 14, 10 W.

To be completed with: Light signal E 14 insert, art. no. 378075. Light signal E 14 insert, art. no. 348039.

Version	Art. no.	PU	PG	Info
red	**396611**	2/80	2	
green	**396612**	2/80	2	
clear	**396613**	2/80	2	



Incandescent lamp E 14

AC 250 V, 5 W

Particularly suited to light signal E 14 with flat hood.

To be completed with: Light signal E 14 insert, art. no. 348039.

Version	Art. no.	PU	PG	Info
AC 230 V, 5 watts	**396676**	5/1020	2	



Junction box

400 V

Empty box for nominal cross-section 2.5 mm², with 2 cable entries and 2 break-out cable entries. Possible to install command devices with one-hole fixing Ø 22.5 mm, e.g. Elan, Klöckner-Moeller, Lumitas, Krönert, Square D etc.; up to 50 mm mounting depth.

IP54

Version	Art. no.	PU	PG	Info
blue	**522175**	1/30	2	



Double entry

For cables and leads.

Version	Art. no.	PU	PG	Info
black	**536061**	10/1000	2	



Connecting element

For close arrangement of several devices.

Version	Art. no.	PU	PG	Info
grey	**535960**	10/1000	2	



Slide with gland

For M20 x 1.5 steel armoured conduit with thread or M20 x 1.5 compression gland.

Version	Art. no.	PU	PG	Info
black	**533963**	10/180	2	



Hanger with bend protection sleeve and strain relief

For suspending all IMPACT-RESISTANT units quickly and safely.

Note: The IP 20 is achieved in combination with the devices.

Version	Art. no.	PU	PG	Info
blue	**229399**	2/96	2	

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- Switches with connecting terminals in accordance with VDE 0632.
- Can be illuminated as defined by German workplace regulations of 20.03.1975.
- Notes on materials:
  Resistant to aggressive atmospheres due to use of corrosion-resistant metal parts from special alloys and extensively chemical-resistant polyamide housing.

Material: Thermoplastic.

Technical Information: AGRAR dimensions (⇒ p. 442)

Switches, push-buttons and accessories

Technical Information: Circuit diagrams for installation of switches and push-buttons (⇒ p. 427)



Rocker switch

16 AX, AC 250 V

Illuminated.
With screw terminals.
Type of protection: IP 55

IP55

Accessories: Neon lamp attachment with integrated lamp, art. no. 396502. Plug-in light attachment E 10, art. no. 396576. Neon lamp E 10, art. no. 395100. LED lamp E 10, art. no. 3951...

Version	Art. no.	PU	PG	Info
two-way, green	**370677**	1/30	2	



Rocker control switch

16 AX, AC 250 V

Can also be used as a 1-pole, one-way control switch.
With screw terminals.
Type of protection: IP 55

IP55

Contents: With neon lamp.

Version	Art. no.	PU	PG	Info
two-way, green	**372677**	1/30	2	



Rocker button

10 A, 250 V AC

Illuminated.
With plug-in terminals.
Type of protection: IP55

IP55

Accessories: Neon lamp attachment with integrated lamp, art. no. 396502. Plug-in light attachment E 10, art. no. 396576. Neon lamp E 10, art. no. 395100. LED lamp E 10, art. no. 3951...

Contents: 1 light, 1 door, 1 bell per push-button.

Version	Art. no.	PU	PG	Info
two-way, 1-pole, green	**375977**	1/30	2	



Symbols, rectangular

For rockers and switches with square opening.

Version	Art. no.	PU	PG	Info
neutral, clear	**395569**	100/4000	1	
light, clear	**395669**	100/4000	1	
door, clear	**395769**	100/4000	1	
bell, clear	**395869**	100/4000	1	
neutral, red transp.	**395900**	100/4000	1	



Neon lamp attachment with integrated lamp

AC 230 V, 0.65 mA

For all 1- and 2-pole switch inserts.
For monitoring or lighting.

Contents: With neon lamp.

Version	Art. no.	PU	PG	Info
grey	**396502**	10/1000	1	



Plug-in light attachment E 10

For all 1- and 2-pole switch inserts.
For monitoring or lighting.
Caution!
For low voltage variants (e.g. 8 V) we recommend a display lamp, 24-30 V, tubular, E 10, up to 25 mm in length.

To be completed with: Neon lamp E 10, art. no. 395100. LED lamp E 10, art. no. 3951...

Contents: Without neon lamp.

Version	Art. no.	PU	PG	Info
	396576	10/1000	1	



LED lamp

AC/DC 230 V, AC/DC 24 V

Suitable for plug-in light attachment E 10 or light signal E 10 insert.

To be completed with: Plug-in light attachment E 10, art. no. 396576. Light signal E 10 insert, art. no. 319016.

Note: Current consumption approx. 20 mA

Version	Art. no.	PU	PG	Info
AC 230 V, red	**395120**	20/240	1	
AC 230 V, yellow	**395121**	20/240	1	
AC 230 V, green	**395122**	20/240	1	
AC 230 V, blue	**395123**	20/240	1	
AC 230 V, white	**395124**	20/240	1	
AC 24 V, red	**395131**	20/240	1	
AC 24 V, yellow	**395132**	20/240	1	
AC 24 V, green	**395133**	20/240	1	
AC 24 V, blue	**395134**	20/240	1	
AC 24 V, white	**395135**	20/240	1	



Neon lamp E 10

AC 230 V, 0.65 mA

Low current consumption (approx. 0.65 mA) and low starting voltage (max. 120 V) mean it is particularly suitable for stairwell and fluorescent lamp circuits.

To be completed with: Plug-in light attachment E 10, art. no. 396576.

Version	Art. no.	PU	PG	Info
AC 230 V, 0.65 mA	**395100**	20/4080	1	

SCHUKO socket-outlets



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

Pins and lid springs are made of stainless steel; contacts and connecting terminals are made of special alloys.
Removable base.
With screw terminals.

IP 44

Version	Art. no.	PU	PG	Info
green	**279077**	1/30	2	



IP 44

SCHUKO triple socket-outlet

16 A, AC 250 V, DIN 49440

With break-out cable entries on all sides.
Pins and lid springs are made of stainless steel; contacts and connecting terminals are made of special alloys.
The socket-outlets can be replaced with any other products in the AGRAR range.
With screw terminals.

Contents: 2 cable entries.

Version	Art. no.	PU	PG	Info
green	**229377**	2/8	2	

Accessories



Double entry

For cables and leads.

Version	Art. no.	PU	PG	Info
black	**536061**	10/1000	2	



Connecting element

For close arrangement of several devices.

Version	Art. no.	PU	PG	Info
grey	**535960**	10/1000	2	



Slide with gland

For M20 x 1.5 steel armoured conduit with thread or M20 x 1.5 compression gland.

Version	Art. no.	PU	PG	Info
black	**533963**	10/180	2	

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- Socket-outlet inserts with connecting terminals to VDE 0620 part 1.
- Switch inserts with connecting terminals to VDE 0632.
- Can be illuminated as defined by German workplace regulations of 20.03.1975.

Material: Highly scratch-resistant duroplastic range.

Technical Information: Surface-mounted dimensions (⇒ p. 440)

Switches, push-buttons and accessories

Technical Information: Circuit diagrams for installation of switches and push-buttons (⇒ p. 427)



Rocker switch

10 AX, AC 250 V

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
two-way, white	**300644**	10/70	1.5	
two-way, polar white	**300619**	10/70	1.5	
two-way, dark brazil	**300617**	10/70	1.5	
intermediate, white	**300744**	10/70	1.5	
intermediate, polar white	**300719**	10/70	1.5	
intermediate, dark brazil	**300717**	10/70	1.5	
one-way, 2-pole, white	**300244**	10/70	1.5	
one-way, 2-pole, polar white	**300219**	10/70	1.5	
one-way, 2-pole, dark brazil	**300217**	10/70	1.5	



Rocker switch

10 AX, AC 250 V

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
two-circuit, white	**300544**	10/70	1.5	
two-circuit, polar white	**300519**	10/70	1.5	
two-circuit, dark brazil	**300517**	10/70	1.5	



Rocker switch

10 AX, AC 250 V

Note: For the Dutch market.

Version	Art. no.	PU	PG	Info
two-way, white	**300654**	10/70	1	
two-way, polar white	**300639**	10/70	1	
two-circuit, white	**300554**	10/70	1	
two-circuit, polar white	**300539**	10/70	1	
intermediate, white	**300754**	10/70	1	
intermediate, polar white	**300739**	10/70	1	
one-way, 2-pole, white	**300254**	10/70	1	
one-way, 2-pole, polar white	**300239**	10/70	1	



Rocker control switch

10 AX, AC 250 V

Can also be used as a 1-pole, one-way control switch.

Contents: With light attachment and neon lamp AC 230 V, art. no. 395444, red symbol, art. no. 395930, cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
one-way, 2-pole, white	**302244**	10/70	1.5	
one-way, 2-pole, polar white	**302219**	10/70	1.5	
one-way, 2-pole, dark brazil	**302217**	10/70	1.5	
two-way, white	**302644**	10/70	1.5	
two-way, polar white	**302619**	10/70	1.5	
two-way, dark brazil	**302617**	10/70	1.5	



Rocker control switch

10 AX, AC 250 V

Can also be used as a 1-pole, one-way control switch.

Note: For the Dutch market.
Contents: With light attachment and neon lamp AC 230 V, art. no. 395444, red symbol, art. no. 395930, cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
one-way, 2-pole, white	**302254**	10/70	1	
two-way, white	**302654**	10/70	1	
two-way, polar white	**302639**	10/70	1	

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Rocker button

10 A, 250 V AC

With third contact for lighting or monitoring.

Contents: With cable and mini-trunking entry (15 mm). For PU 10: 4 light, 2 door, 2 bell (clear), 10 neutral (red transparent).

Version	Art. no.	PU	PG	Info
make contact, 1-pole, white	**304844**	10/70	1.5	
make contact, 1-pole, polar white	**304819**	10/70	1.5	
make contact, 1-pole, dark brazil	**304817**	10/70	1.5	



Rocker button

10 A, 250 V AC

With third contact for lighting or monitoring.

Note: For the Dutch market.
Contents: For PU 10: 4 light, 2 door, 2 bell (clear), 10 neutral (red transparent).

Version	Art. no.	PU	PG	Info
make contact, 1-pole, white	**304854**	10/70	1	
make contact, 1-pole, polar white	**304839**	10/70	1	



Two-way pull-cord switch

10 AX, AC 250 V

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
two-way, white	**306644**	10/70	1.5	
two-way, polar white	**306619**	10/70	1.5	



Two-way pull-cord switch

10 AX, AC 250 V

Note: For the Dutch market.

Version	Art. no.	PU	PG	Info
two-way, white	**306654**	10/70	1	
two-way, polar white	**306639**	10/70	1	



Two-way pull-cord switch with control lamp

16 AX, AC 250 V

Contents: With neon lamp.

Version	Art. no.	PU	PG	Info
white	**306844**	4/32	1	



Symbols, oval

For rockers and switches with oval opening.

Version	Art. no.	PU	PG	Info
neutral, white	**395530**	100/4000	1	
light, white	**395630**	100/4000	1	
door, white	**395730**	100/4000	1	
bell, white	**395830**	100/4000	1	
neutral, clear	**395568**	100/4000	1	
light, clear	**395668**	100/4000	1	
door, clear	**395768**	100/4000	1	
bell, clear	**395868**	100/4000	1	
neutral, red transp.	**395930**	100/4000	1	



Light attachment, operating voltage AC 230 V

AC 230 V

With integrated neon lamp.
Current consumption 1 mA.

Version	Art. no.	PU	PG	Info
230 V, black	**395444**	10/2040	1	



Light attachment, operating voltage 12 V

With built-in incandescent bulb for 12 V operating voltage.

Version	Art. no.	PU	PG	Info
12 V, grey	**395412**	10/500	1	



Surface-mounted dimmer for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated two-way switch.
(Phase control).
Closed base.

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)
Contents: Complete device with cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
60-400 W, white	**573444**	1/72	8	
60-400 W, polar white	**573419**	1/72	8	
60-400 W, dark brazil	**573417**	1/72	8	

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Surface-mounted dimmer for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated two-way switch.
(Phase control).
Closed base.

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)

Contents: Complete device with cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
60-600 W, halogen 500 W, white	**571644**	1/72	8	
60-600 W, halogen 500 W, polar white	**571619**	1/72	8	
60-600 W, halogen 500 W, dark brazil	**571617**	1/72	8	



Light signal E 10

AC 250 V, max. 3 W

With E 10 holder and red hood.
Without neon lamp.

To be completed with: Neon lamp E 10, art. no. 395100.LED lamp E 10, art. no. 3951...

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**308044**	10/70	1.5	
polar white	**308019**	10/70	1.5	



LED lamp

AC/DC 230 V, AC/DC 24 V

Suitable for plug-in light attachment E 10 or light signal E 10 insert.

To be completed with: Plug-in light attachment E 10, art. no. 396576. Light signal E 10 insert, art. no. 319016.

Note: Current consumption approx. 20 mA

Version	Art. no.	PU	PG	Info
AC 230 V, red	**395120**	20/240	1	
AC 24 V, red	**395131**	20/240	1	



Neon lamp E 10

AC 230 V, 0.65 mA

Low current consumption (approx. 0.65 mA) and low starting voltage (max. 120 V) mean it is particularly suitable for stairwell and fluorescent lamp circuits.

To be completed with: Plug-in light attachment E 10, art. no. 396576.

Version	Art. no.	PU	PG	Info
AC 230 V, 0.65 mA	**395100**	20/4080	1	

SCHUKO socket-outlets

- Connecting terminals in accordance with VDE 0620 Part 1.



SCHUKO socket-outlet

16 A, AC 250 V, DIN 49440

With screw terminals.

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**275044**	10/70	1.5	
polar white	**275019**	10/70	1.5	
dark brazil	**275017**	10/70	1.5	



SCHUKO double socket-outlet

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**236044**	5/35	1.5	
polar white	**236019**	5/35	1.5	
dark brazil	**236017**	5/35	1.5	



SCHUKO triple socket-outlet

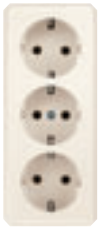
16 A, AC 250 V, DIN 49440

With screw terminals.

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**276244**	10/20	1.5	
polar white	**276219**	10/20	1.5	
dark brazil	**276217**	10/20	1.5	

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SCHUKO triple socket-outlet

16 A, AC 250 V, DIN 49440

With screw terminals.

Note: For the Dutch market.

Version	Art. no.	PU	PG	Info
white	**276254**	10/20	1	



Combination SCHUKO socket-outlet/two-way switch

SCHUKO socket-outlet: 16 A, AC 250 V, DIN 49440.
Combined with two-way switch: 10 AX, AC 250 V.

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**380644**	5/35	1.5	
polar white	**380619**	5/35	1.5	
dark brazil	**380617**	5/35	1.5	



Combination SCHUKO socket-outlet/two-circuit switch

SCHUKO socket-outlet: 16 A, AC 250 V, DIN 49440.
Two-circuit switch: 10 AX, AC 250 V.

Version	Art. no.	PU	PG	Info
white	**380554**	5/35	1	
polar white	**380539**	5/35	1	



Combination SCHUKO double socket-outlet/two-way switch

SCHUKO double socket-outlet: 16 A, AC 250 V, DIN 49440.
Two-way switch: 10 AX, AC 250 V.

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**382644**	5/20	1.5	
polar white	**382619**	5/20	1.5	
dark brazil	**382617**	5/20	1.5	



Combination SCHUKO double socket-outlet/two-circuit switch

SCHUKO double socket-outlet: 16 A, AC 250 V, DIN 49440.
Two-circuit switch: 10 A, AC 250 V.

Note: For the Dutch market.

Version	Art. no.	PU	PG	Info
white	**382554**	5/20	1.5	
polar white	**382539**	5/20	1.5	

Socket-outlets



HNA socket-outlet, surface-mounted

10 A, 250 V~, A 220 DIN 89321

For socket-outlets where it is essential that they are not interchanged.

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**205444**	10/70	7	
polar white	**205419**	10/70	7	



Socket-outlet without earthing contact

16 A, AC 250 V, DIN 49440

With screw terminals.
Without claws, for screw fixing.

Version	Art. no.	PU	PG	Info
white	**215054**	10/70	1	
polar white	**215039**	10/70	1	



Double socket-outlet without earthing contact

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Version	Art. no.	PU	PG	Info
white	**216154**	5/35	1.5	
polar white	**216139**	5/35	1.5	

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Combination socket-outlet without earthing pin/two-way switch

Socket-outlet: 16 A, AC 250 V, DIN 49440.
Combined with two-way switch: 10 AX, AC 250 V.

Version	Art. no.	PU	PG	Info
white	**386654**	5/35	1	
polar white	**386639**	5/35	1	



Combination socket-outlet without earthing pin/two-circuit switch

Socket-outlet: 16 A, AC 250 V, DIN 49440.
Combined with two-circuit switch: 10 AX, AC 250 V.

Version	Art. no.	PU	PG	Info
white	**386554**	5/35	1	
polar white	**386539**	5/35	1	

Accessories for surface-mounted socket-outlets and combinations



Junction box

400 V
Empty box for nominal cross-section 2.5 mm² with base plate and 8 knockout openings for cable entries.

Contents: With 3 cable entries.

Version	Art. no.	PU	PG	Info
white	**523044**	10/60	1.5	
polar white	**523019**	10/60	1.5	
dark brazil	**523017**	10/60	1.5	



Base plate for stand-alone device

Made from self-extinguishing material.

To be completed with: Stand-alone devices from the surface-mounted range (except dimmers and junction boxes)

Version	Art. no.	PU	PG	Info
white	**517644**	10/300	1.5	
polar white	**517619**	10/300	1.5	
dark brazil	**517617**	10/300	1.5	



Base plate for double socket-outlet

Made from self-extinguishing material.

To be completed with: Surface-mounted double socket-outlets, art. no. 2360.., 2161..

Version	Art. no.	PU	PG	Info
white	**517744**	10/210	1.5	
polar white	**517719**	10/210	1.5	
dark brazil	**517717**	10/210	1.5	



Base plate for twin combination

Made from self-extinguishing material.

To be completed with: Surface-mounted switch/socket-outlet combinations, art. no. 3806.., 3866.., 3805.., 3865...

Version	Art. no.	PU	PG	Info
white	**517844**	10/240	1.5	
polar white	**517819**	10/240	1.5	
dark brazil	**517817**	10/240	1.5	



Base plate for 3-gang combination/SCHUKO triple socket-outlet

Made from self-extinguishing material.

To be completed with: Surface-mounted 3-gang combinations, art. no. 2762.., 3826.., 386054, 3825...

Version	Art. no.	PU	PG	Info
white	**517944**	10/200	1.5	
polar white	**517919**	10/200	1.5	
dark brazil	**517917**	10/200	1.5	



Cable entry

For cables and mini trunking.

Version	Art. no.	PU	PG	Info
white	**535162**	20/2000	1.5	
polar white	**535160**	20/2000	1.5	



Mini-trunking entry (15 mm)

For 15 x 15 mm ducts.

Version	Art. no.	PU	PG	Info
white	**535062**	10/1000	1.5	
polar white	**535060**	10/1000	1.5	

Surface-mounted housing for M-SMART, M1, ARTEC, OCTO-COLOR

Thermoplastic version.
- Suitable mini trunking (15x15 mm) is supplied by the trunking manufacturer.

Technical Information: Surface-mounted housing dimensions (⇒ p. 441)



Surface-mounted housing, 1-gang

With enclosed base and guide slots for partition walls. 2 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**512144**	1/40	1.5	
polar white	**512119**	1/40	1.5	
ruby red	**512106**	1/40	1.5	
vanilla	**512182**	1/40	1.5	
ice blue	**512188**	1/40	1.5	
light grey	**512129**	1/40	1.5	
midnight blue	**512178**	1/40	1.5	
dark brazil	**512115**	1/40	1.5	
black grey	**512169**	1/40	1.5	



Surface-mounted housing, 2-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**512244**	1/20	1.5	
polar white	**512219**	1/20	1.5	
vanilla	**512282**	1/20	1.5	
ice blue	**512288**	1/20	1.5	
light grey	**512229**	1/20	1.5	
midnight blue	**512278**	1/20	1.5	
dark brazil	**512215**	1/20	1.5	
black grey	**512269**	1/20	1.5	



Surface-mounted housing, 3-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**512344**	1/15	1.5	
polar white	**512319**	1/15	1.5	
vanilla	**512382**	1/15	1.5	
ice blue	**512388**	1/15	1.5	
light grey	**512329**	1/15	1.5	
midnight blue	**512378**	1/15	1.5	
dark brazil	**512315**	1/15	1.5	
black grey	**512369**	1/15	1.5	

Surface-mounted housing for ATELIER

Duroplastic version.
- Suitable mini trunking (15x15 mm) is available from installation trunking manufacturers.

Technical Information: Surface-mounted housing dimensions (⇒ p. 441)



Surface-mounted housing, 1-gang

With enclosed base and guide slots for partition walls. 2 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**511174**	1/40	1.5	
polar white	**511119**	1/40	1.5	



Surface-mounted housing, 2-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**511274**	1/20	1.5	
polar white	**511219**	1/20	1.5	



Surface-mounted housing, 3-gang

With enclosed base and guide slots for partition walls. 4 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: With device fixing screws, cable entry and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**511374**	1/15	1.5	
polar white	**511319**	1/15	1.5	



Junction box

400 V

Empty box for nominal cross-section 2.5 mm². With enclosed base and 6 pre-formed cable entries, sealed with blanking caps. Can be installed on any building material.

Contents: Complete device with 3 mini-trunking entries (15 mm).

Version	Art. no.	PU	PG	Info
white	**511074**	1/40	1.5	
polar white	**511019**	1/40	1.5	

Accessories for surface-mounted housing



Cable entry

For cables and mini trunking.

Version	Art. no.	PU	PG	Info
white	**535162**	20/2000	1.5	
polar white	**535160**	20/2000	1.5	
light grey	**535163**	20/2000	1.5	



Mini-trunking entry (15 mm)

For 15 x 15 mm ducts.

Version	Art. no.	PU	PG	Info
white	**535062**	10/1000	1.5	
polar white	**535060**	10/1000	1.5	
light grey	**535063**	10/1000	1.5	

www.merten.com

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THE NEW MERTEN CONNECT RADIO SYSTEM

ALWAYS THE BEST CONNECTIONS

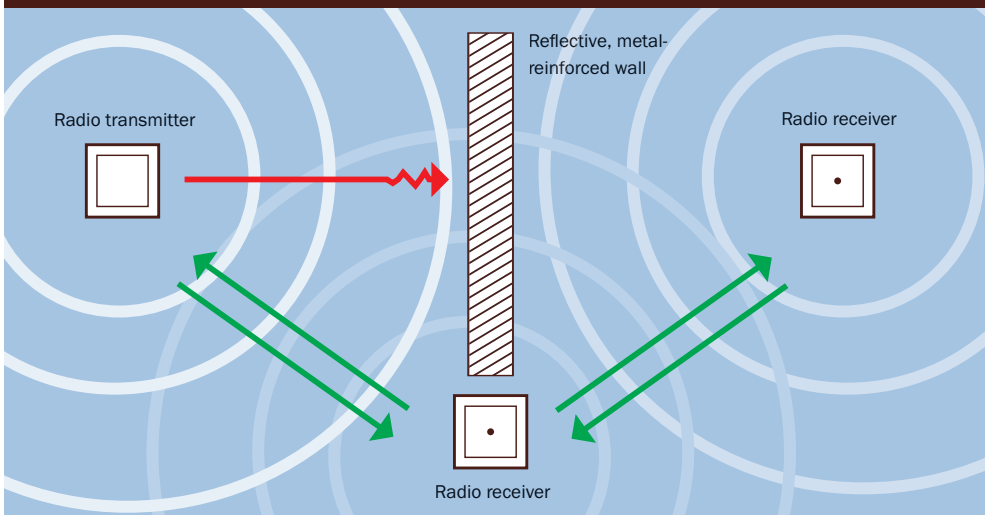
Reliable radio connections thanks to bidirectionality and routing

Reliable function is the be-all and end-all of a mature radio system. This is precisely what the new Merten CONNECT radio system offers. It operates bidirectionally based on the proven Z-wave standard, i.e. it is not just a case of sending out a one-way radio signal. Instead, it constantly checks that the receiver really has received the radio signal. The receiver sends a response for this purpose, indicating whether it picked up the radio signal and the quality of the signal.

The second technical innovation of the new CONNECT radio system comes into play in the rare eventuality that the reception confirmation is not received (e.g. due to a reflecting wall with metal reinforcement): routing. This automatically checks if there is another path for the radio signal to reach the receiver. For example, via another radio receiver in an adjacent room that can forward the signal to the actual receiver.

The routing function of the new CONNECT radio system offers the following decisive advantage over conventional radio systems: It offers the perfect prerequisites for a safe, interruption-free radio system.

THE CONNECT RADIO SYSTEM ALWAYS SEEKS OUT THE BEST ROUTE TO THE RECEIVER



CONTENTS



CONNECT radio push-button, 1-gang



CONNECT radio push-button, 2-gang



CONNECT radio plug adapter, switch

272 CONNECT RADIO SYSTEM

NEW

274 CONNECT radio system, central unit
275 CONNECT radio system, configurator
276 CONNECT radio system, push-button
278 CONNECT radio system, switching/ dimming
280 CONNECT radio system, roller shutter
281 CONNECT radio system, heating

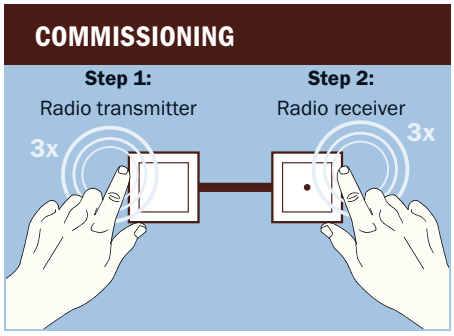
CONNECTION RADIO SYSTEM – INSTALLATION AND DIAGNOSTICS
REVOLUTIONARILY SIMPLE

The CONNECT radio system proves that even ingenious technology can be simple to install. It can be learned and configured very easily. Also, for the first time, Merten is offering a practical diagnostics tool to check the quality of the individual radio connections.

PRESS 3 TIMES AND THAT'S IT – INSTALLATION OF SMALL RADIO APPLICATIONS

It couldn't be easier: The teach-in routine for the radio transmitter and receiver in small radio applications.

An example: If you want to switch on your floor lamp using a plug adapter using the radio push-button, there's no need to reach for your screwdriver. Simply press the radio push-button three times, then press the radio receiver three times, and that's it.

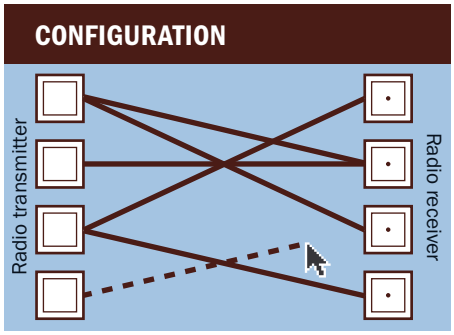


Teaching-in made easy: Just press three times.

SIMPLE AND INTUITIVE – INSTALLATION OF EXTENSIVE RADIO APPLICATIONS USING SOFTWARE

The strengths of the new CONNECT radio system also come to the fore when dealing with more extensive radio applications. For example with central functions or scenes.

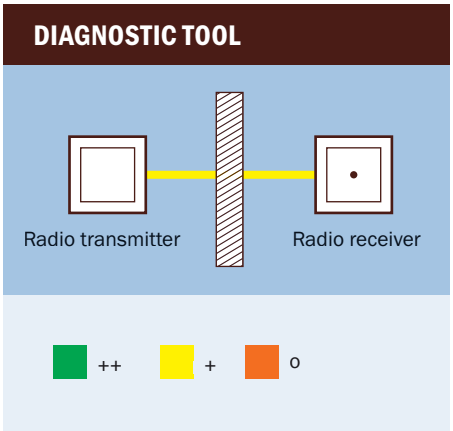
The new CONNECT radio configurator can be used for assigning the functions intuitively with clear mouse-operated menus (drag & drop).



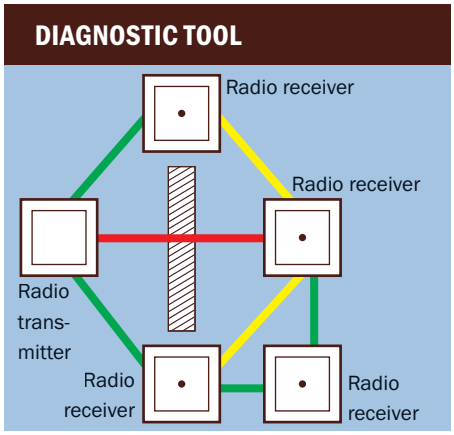
Clear and easy configuration by software. This example shows how radio transmitters are assigned to receivers.

BETTER CHECKING AND ABSOLUTE SECURITY – THANKS TO THE PRACTICAL M DIAGNOSTIC TOOL

The CONNECT radio system offers you the option of checking all radio connections in detail using its specially developed diagnostics tool, and to adjust the configuration if necessary.



Step 1: Check the quality that the required radio applications are functioning with.



Step 2: Routing of the radio signal to the required target receiver via several radio transmitters.

REVOLUTIONARILY SIMPLE

The Merten CONNECT radio control centre – Attractive and intelligent

With the new radio control centre, the CONNECT radio system presents its most attractive side.

The high-quality appearance, wide range of functions and convincing operating concept make the radio control centre a real highlight. Thanks to merten@home and an additional Ethernet connection, it is suitable for central applications such as:

Control and visualisation of programmed applications (lighting, roller shutters, central functions, scenes, groups, etc.)

- Display of an e-mail account (sender and subject line are displayed)
- Presentation of images in the form of a slideshow
- Interface to Microsoft Multimedia Center Edition
- Multimedia activation with MP3 player network (via streaming clients such as Squeezebox, Terratec Noxon Audio, Philips SL 300i + 400i, etc.) as well as volume control and playlist retrieval
- Display of current news thanks to RSS News Feed
- Digital clock as screensaver
- Recording of history data
- Timer (week and seasonal switch range)
- Heating control (comfort, standby)



BLIND CONTROL

MORE CONVENIENCE WITH SYSTEM



Blind control system

Now shielding yourself from the sun or curious neighbours no longer needs to be a hands-on task. It's easier than that. With the blind control system, a simple push of a button is all it takes to raise or lower blinds, whether individually, centrally or in groups. With their comprehensive control options and sensor inputs for sun and wind protection and twilight functions, they will meet all your needs.

Blind time switch

Convenient blind time switches with many functions such as random generator, astro function, time/seasonal switcher and many more. With and without sensor connection.

CONTENTS



Blind time switch

282 BLIND CONTROL SYSTEM

283 Inserts
284 Design covers for System Basis
285 Design covers for System M
288 Design covers for System Design
291 Design covers for OCTOCOLOR
292 Sensors
293 Remote controls



Blind push-button

DIMMER SYSTEMS AND TRANSFORMERS

INDIVIDUAL REQUIREMENTS. INDIVIDUAL SOLUTIONS.





Universal dimmer insert, 2-gang

One for all. The new universal dimmer insert has 2 channels, each of which can be operated with a maximum load of 200 watts.

Best of all: These loads can be completely different – purely ohmic loads, ohmic and capacitive loads or ohmic and inductive loads. Another advantage: Irrespective of which load is connected – the new two-circuit dimmer detects it automatically.

Another nice new feature: With immediate effect, a simple two-circuit switch can be exchanged for a 2-gang dimmer without a second box having to be positioned, as used to be the case.

Dial-type light dimmer

First class dimming. A dimmer that's got the lot: Easy to operate, multiple functions and a good memory. The comfort dial can do much more than just make the light brighter or darker. For example, the maximum brightness can be limited to 80% just at the touch of a button. Or your favourite brightness levels can be stored using a memory button. The comfort dial even helps you in the dark: With the discreet orientation light, that can also be deactivated when not needed.



Universal dimmer insert, 2-gang



2-gang universal dimmer – the first two-circuit dimmer from Merten

www.merten.com

CONTENTS



Universal dimmer REG/230/500 W



Universal dimmer REG/2x230/300 W



Universal dimmer REG/4x230/150 W

294 DIMMER SYSTEM/TRANSFORMERS

296 Rotary dimmers
297 Rotary dimmer covers for inserts up to 600 VA
297 Rotary dimmer inserts for 600 VA
298 Rotary dimmer covers for inserts up to 1000 VA
299 Rotary dimmer inserts up to 900 VA
299 Sensor covers and TELE sensor covers
301 System M, System Design push-button modules
302 Memory super dimmer inserts
303 Electronic switch and push-button inserts
305 Extension inserts
305 TRANCENT glass sensor covers
306 TRANCENT control electronics, 1-gang and inserts
308 Power boosters
309 DIN rail mounted rotary dimmers
309 DIN rail mounted dimmers
310 DIN rail mounted memory super dimmers
310 Remote controls
311 Electronic transformers/low voltage halogen systems MET B
311 Electronic transformers/low voltage halogen systems MET D
312 Control inserts for MET D
312 Accessories



Rotary dimmer

MERTEN@HOME WITH CONFIGURATOR

ALWAYS AT HOME, WHEREVER YOU ARE





MERTEN@HOME

Merten doesn't just make life and work more convenient and simple, but also more mobile; the merten@home user interface controls all building functions. It is intuitive to use and allows you to conveniently control functions in your home, holiday home or business premises via PDA, IP touchscreen 10" or PC. And you don't have to be at home to do so. merten@home gives users global mobility.

The clearly structured user interface offers three convenient ways to access control functions: room-, function- or program-oriented. Your benefit: you can control, set and display all building management functions conveniently and directly, with just a few clicks. If only everything in life were so simple!

The online demonstration at **www.mertenathome.com** will show you just how easy it is to navigate with merten@home.

CONTENTS

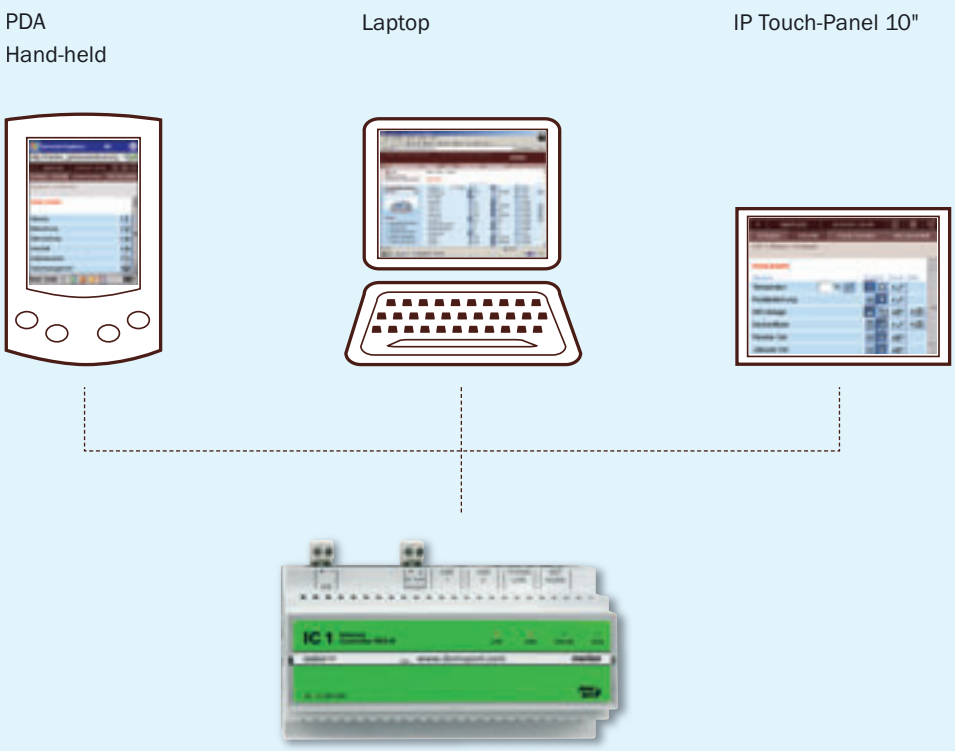
Imagine a better life:

- On your early return from a business trip, your underfloor heating has already warmed the room to a cosy temperature. That's because you switched it on while you were still in the W-LAN hotspot at the airport. By PDA.
- You use your IP Touch-Panel 10" to close the window and switch off the light in the living room. While lying in bed.
- Popping into an Internet café on holiday, you check your building monitoring system, related messages and camera images. Great – everything's in order.
- You use your television to view your consumption data – your electricity consumption, for example.

314 NETWORK TECHNOLOGY

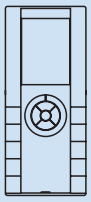
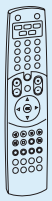
314 Line 21
314 Network components
315 Communications inserts and accessories

MERTEN@HOME - ALWAYS AT HOME, WHEREVER YOU ARE

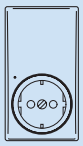
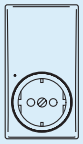
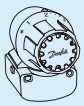


IC 1 EIB Internet Controller merten@home

Radio transmitters

Function	Channels	Transmitter
- CONNECT radio system, central control and visualisation - Eight freely programmable operating buttons - Administration of central functions of the radio system (32 scenes, time switch with 20weekly and 12 annual time switch programs, 1 history function) - IP address: adjustable or can be assigned dynamically via DHCP - Integrated web server for PC, touch panel, PDA operation with merten@home - Integrated real-time clock with reserve power of 4 hrs. - Piezo loudspeaker for acoustic alarm - Alarm/message display and additional e-mail forwarding - Signalling when e-mails arrive - Multimedia application: Control of network mp3 players or streaming clients - JPG image slide shows (FTP server on the Internet) - Displaying current news (RSS feeder) - Interface for the Microsoft Multimedia Center edition - Radio range: up to 50 m outdoors, up to 20 m indoors	8 fixed + 1,000 that are configurable via software	 **CONNECT radio central unit, merten@home, colour** 5059.. **CONNECT radio central unit, merten@home, monochrome** 5050..
- Radio remote control and IR remote control of the radio receivers and TV, VCR/DVD, SAT, AMP in the Merten CONNECT radio system. - Update via the Internet - IR functions are programmable via code input or via direct programming - Macro functions - 20 scenes - Radio range: up to 100 m outdoors, up to 30 m indoors - IR range: up to 15 m	20	 **CONNECT radio universal remote control** 506922 Battery: 4 microcells (IEC LR 03, AAA) The device can assume the features and characteristics of a system administrator. As it concerns a mobile device, we recommend that you select a fixed device as system administrator. Instead, use for example a CONNECT radio push-button, 1-gang.
- Battery-powered radio transmitter for controlling the Merten CONNECT radio system's radio receiver. - Radio range: up to 100 m outdoors, up to 30 m indoors	2	 **CONNECT radio push-button, 1-gang** System M 5061.., 5051.. System Design 5071.. Battery: 1 lithium button cell (CR 2450)
- Battery-powered radio transmitter for controlling the Merten CONNECT radio system's radio receiver. - Radio range: up to 100 m outdoors, up to 30 m indoors	4	 **CONNECT radio push-button, 2-gang** System M 5062.., 5052.. System Design 5072.. Battery: 1 lithium button cell (CR 2450)
- Battery-powered radio transmitter for connecting up to 4 floating switch contacts (e.g. standard push-buttons). - For the remote control of other receivers from the Merten CONNECT radio system via push-buttons from the Merten switch ranges. - Automatic recognition of the connected devices, for example sensor, switch or push-button. - Radio range: up to 100 m outdoors, up to 30 m indoors	4	 **CONNECT radio transmitter flush-mounted, 4-gang** 506004 Battery: 1 lithium button cell (CR 2450)
- Mains-supplied radio transmitter for controlling the Merten CONNECT radio system's radio receiver. - Radio range: up to 100 m outdoors, up to 30 m indoors Note: The device is rounded off by the electronic switch insert, art. no. 576799 or the relay switch insert, art. no. 576897.	1	 **CONNECT radio sensor cover, for switch inserts** System M: 5034.., 5024.. System Design: 5044..
- Mains-supplied radio transmitter for controlling the Merten CONNECT radio system's radio receiver. - Radio range: up to 100 m outdoors, up to 30 m indoors Note: The device is rounded off by a universal super dimmer insert, art. no. 577099.	1	 **CONNECT radio sensor cover for dimmer inserts** System M: 5036.., 5026.. System Design: 5046..
- Mains-supplied radio transmitter for controlling the Merten CONNECT radio system's radio receiver. - Radio range: up to 100 m outdoors, up to 30 m indoors Note: The device is complemented by a blind control insert, art. no. 580698 or by a blind control insert with extension input, art. no. 580699.	1	 **CONNECT radio roller shutter push-button with sensor connection** System M: 5035.., 5025.. System Design: 5045..

Radio receiver complete devices

Function		Receiver
- For switching external loads with SCHUKO plug. - Manual operation is possible via the sensor surface and can be controlled remotely via Merten CONNECT radio system transmitters. - Radio functions: Switch on, switch off, scene.		 **CONNECT radio plug adapter, switch** 508519 AC 230 V, 50 Hz 16 A, cos φ = 1, max 35 µF
- For switching and dimming external loads with SCHUKO plug. - Manual operation is possible via the sensor surface and can be controlled remotely via Merten CONNECT radio system transmitters. - For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers or electronic transformers. - Phase control or phase alignment - Memory function that can be switched off - Automatic load detection. - Radio functions: Switch on, switch off, dim, scene.	**Caution!** Only suitable for dimmable lights. Do not plug in any other loads like TV, vacuum cleaner etc. Observe maximum load. **Caution!** Do not connect any mixed loads.	 **CONNECT radio plug adapter, universal dimmer** 508619 AC 230 V, 50 Hz 40 VA - 350 VA
- For switching a load via a floating make contact. - Can be controlled remotely via transmitters in the Merten CONNECT system. - Radio functions: Toggle, on, off, push-button operation.	**Caution!** Contact scanning should be regarded just like a 230 V connection. Take appropriate measures to prevent direct contact.	 **CONNECT radio receiver, flush-mounted, 1-gang switch** 507001 AC 230 V, 50 Hz 10 A, cos φ = 1, max 35 µF
- For manually adjusting the desired room temperature locally. - with the CONCNECT radio central unit, it is possible to reduce/increase the temperature by about 4 °C. - Functions: Toggling between comfort and standby		 **CONNECT radio valve drive for heaters, comfort/standby** 509201 Battery: 2 Mignon 1.5 V (IEC LR 6, AA)

Radio receiver for flush mounting

Function	Inserts	Design covers	Manual operation is possible via the sensor surface and can be controlled remotely using Merten CONNECT radio system transmitters.		
			CONNECT radio sensor cover for switch inserts	CONNECT radio sensor cover for dimmer inserts	CONNECT radio roller shutter push-button with sensor connection
		System M	5034.., 5024..	5036.., 5026..	5035.., 5025..
		System Design	5044..	5046..	5045..
Electronic switch (2 conductors - neutral conductor is not required)					
Switching of ohmic loads - Incandescent lamps, 230 V halogen lamps		Electronic switch insert 576799 (40 - 300 W)	■		
Relay switch (3 conductors - neutral conductor is required)					
Switching of ohmic, inductive or capacitive loads - Incandescent lamps, fluorescent lamps, energy-saving lamps, LV halogen lighting etc.		Relay switch insert 576897 0 - 1000 W/VA, max. 140 µF	■		
Dimmer (2 conductors - neutral conductor is not required)					
Dimming of ohmic, inductive and capacitive loads - Incandescent lamps, 230 V halogen lamps, dimmable wound transformers, electronic transformers - Phase control or phase alignment - Extension input for push-buttons and extension TELE inserts		Universal super dimmer insert 577099 at 50 Hz: 25 - 420 VA; at 60 Hz: 25 - 340 W		■	
Roller shutter					
Controlling a blind/roller shutter drive - Local operation of a blind/roller shutter motor with limit switch. - Motor protection by interlocked relay contacts. - Neutral conductor required		Standard blind control insert 580698 (max. 1 motor 1000 VA)			■
Controlling a blind/roller shutter drive - Local operation of a blind/roller shutter motor with limit switch. - Extension input for roller shutter switch/push-button or additional blind control insert for group/central control. - Wind alarm function can be implemented - Motor protection by interlocked relay contacts - Neutral conductor required		Blind control insert with extension input 580699 (max. 1 motor 1000 VA)			■

Merten CONNECT radio system
The Merten CONNECT radio system is a bi-directional radio network. That means that all devices can transmit and receive signals simultaneously. It is possible so for example for signals to be routed or for alternative radio transmission paths to be searched for (e.g. during temporary faults).

There are two configuration methods:
- The EASY CONNECT method: For the connection of max. five devices which are in the direct vicinity of one and other (e.g. in one room). Configuration is carried out manually.
- Using the CONNECT radio configurator: For systems between different rooms with up to 100 devices and extensive functions (scenes, central switching function, switch times, individual key assignment).

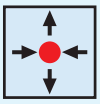
For both types of installation method a so called "system administrator" must always be integrated.

Properties:
- Secure transmission using frequency range 868 MHz
- Clear addressing enables interference-free operation of multiple radio systems side by side
- Very flexible installation and configuration
- No cable routing required, due to the use of battery-powered transmitters
- Extension of existing installations
- Implementation of groups, scene controlling options and central functions
- The extensive product spectrum covers all areas of application such as lighting control, roller shutter control, scene and heating control.
- Simple teaching in of freely programmable functions
- Extremely flat battery-powered push-button e.g. for attaching to glass
- Indoor transmission range: around 30 m (depending on place of installation and building characteristics such as materials and wall strengths)
- Range in free field: approx. 100 m

Explanation of symbols:



The device can assume the functions of the system administrator. We recommend you use only fixed devices as system administrator (e.g. CONNECT radio push-button, 1-gang).



The device has the routing function. It automatically relays signals and maintains fault-free operation.



The device transmits signals.



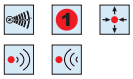
The device receives signals and switches accordingly e.g. light or roller shutter.



Z-Wave standard
The device is compatible with Z-wave products from other manufacturers.

CONNECT radio system, central unit





CONNECT radio central unit, merten@home, colour

Central device with eight freely programmable operator buttons and 3.5" colour display for the central control and visualisation of a Merten CONNECT radio system. The user interface is merten@home.
Radio features: **System administrator, router**
The radio central unit is configured with the CONNECT radio configurator.
It is installed in a flush-mounted double box. For the optional flush mounted power supply an additional flush-mounted box is covered in the radio central unit.

Functions:
- Administration of central functions of the radio system (32 scenes, time switch with 20 weekly and 12 annual time switch programs, 1 history function)
- IP address: adjustable or can be assigned dynamically via DHCP
- Integrated web server for PC, touch panel, PDA operation with merten@home
- Integrated real-time clock with reserve power of 4 hrs.
- Piezo loudspeaker for acoustic alarm
- Alarm/ message display and additional e-mail forwarding
- Signalling when e-mails arrive
- Multimedia application: Controlling of network mp3 players or streaming clients
- JPG image slide shows (FTP server on the Internet)
- Displaying current news (RSS feeder)
- Interface for the Microsoft Multimedia Center edition

Power consumption:approx. 7 W
Power supply: DC 24 V, 0.3 A
Operating elements: Clickwheel, arrow buttons, back key, home key, 8 operator buttons
Display size: 3.5" (8.9 cm)
Resolution: 320 x 240 pixels
Display type: TFT with 16 million colours
Interfaces: 1 x RJ45 Ethernet 10/100 MBit/s, CONNECT radio system
Memory: 8 MB Flash/RAM
Radio frequency 868 MHz
Radio range: up to 50 m free field, up to 20 m indoors
Dimensions: 220x105x50 mm (HxWxD)
Type of protection: IP 20

Accessories: Power supply, flush-mounted, art. no. 505599.
Transmitter: All transmitters of the Merten CONNECT radio system.
Receiver: All receivers of the Merten CONNECT radio system.
Note: A RJ45 connector suitable for field assembly is recommended for the Ethernet connection, e.g. FM45 from Reichle+De-Massari. The CONNECT radio configurator for the Merten CONNECT radio system is available via the Internet or on the Merten info CD.
Contents: With design frame.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
polar white	**505919**	1/1	8	
aluminium	**505960**	1/1	8	



CONNECT radio central unit, merten@home, monochrome

Central device with eight freely programmable operator buttons and 3.5" monochrome display for the central control and visualisation of a Merten CONNECT radio system. The user interface is merten@home.
Radio features: **System administrator, router**
The radio central unit is configured with the CONNECT radio configurator.
It is installed in a flush-mounted double box. For the optional flush mounted power supply an additional flush-mounted box is covered in the radio central unit.

Functions:
- Administration of central functions of the radio system (32 scenes, time switch with 20 weekly and 12 annual time switch programs, 1 history function)
- IP address: adjustable or can be assigned dynamically via DHCP
- Integrated web server for PC, touch panel, PDA operation with merten@home
- Integrated real-time clock with reserve power of 4 hrs.
- Piezo loudspeaker for acoustic alarm
- Alarm/ message display and additional e-mail forwarding
- Signalling when e-mails arrive
- Multimedia application: Controlling of network mp3 players or streaming clients
- JPG image slide shows (FTP server on the Internet)
- Displaying current news (RSS feeder)
- Interface for the Microsoft Multimedia Center edition

Power consumption:approx. 7 W
Power supply: DC 24 V, 0.3 A
Operating elements: Clickwheel, arrow buttons, back key, home key, 8 operator buttons
Display size: 3.5" (8,9 cm)
Resolution: 320 x 240 pixels
Display type: LCD with 16 grey scales
Interfaces: 1 x RJ45 Ethernet 10/100 MBit/s, CONNECT radio system
Memory: 8 MB Flash/RAM
Radio frequency 868 MHz
Radio range: up to 50 m free field, up to 20 m indoors
Dimensions: 220x105x50 mm (HxWxD)
Type of protection: IP 20

Accessories: Power supply, flush-mounted, art. no. 505599.
Transmitter: All transmitters of the Merten CONNECT radio system.
Receiver: All receivers of the Merten CONNECT radio system.
Note: A RJ45 connector suitable for field assembly is recommended for the Ethernet connection, e.g. FM45 from Reichle+DeMassari. The CONNECT radio configurator for the Merten CONNECT radio system is available via the Internet or on the Merten info CD.
Contents: With design frame.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
polar white	**505019**	1/4	8	
aluminium	**505060**	1/4	8	



Power supply, flush-mounted

For supplying power to the CONNECT radio central unit, merten@home.
The power supply is installed via a flush-mounted box directly above the radio central unit's flush-mounted double box.

Primary supply: AC 230 V, 48-63 Hz
Output voltage: DC 24 V +/- 3 %
Output current: max. 0.5 A
Connecting terminals: Screw terminals

For supplying power to: CONNECT radio central unit, merten@home art. no. 5059.., 5050...
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
	505599	1/1	8	

CONNECT radio system, configurator



CONNECT radio USB data interface

For connecting a PC equipped with a USB interface to the Merten CONNECT radio system.
The radio system is conveniently configured on the PC using the CONNECT radio configurator and is set up via the data interface.
Radio features: **System administrator**

Functions:
- "plug and play" installation
- Driver for all common Windows operating systems
- Fastening clip for fastening on to a Notebook display
- Power supply via the PC's USB interface.

Transmitter: All transmitters of the Merten CONNECT radio system.
Receiver: All receivers of the Merten CONNECT radio system.
Contents: CONNECT radio configurator and driver on CD, USB cable.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
	506801	1/12	8	



CONNECT radio configuration tool

Software for conveniently programming the Merten CONNECT radio system components.

Functions:
- Graphic user interface. Link the components by dragging the connection lines with the mouse.
- Analysis and search functions
- Diagnostics functions: e.g. single diagnosis of the radio system at the installation location
- Conformance measurement
- Documentation of installation and diagnostics report
- Diagram of the routing table

Note: The CONNECT radio configurator for the Merten CONNECT radio system is available via the Internet or on the Merten info CD.

CONNECT radio system, push-button



CONNECT radio universal remote control

20 channel radio remote control and IR remote control in a single device. For operating the radio receiver of the Merten CONNECT radio system and TV, VCR/DVD, SAT, AMP.
Radio features: **System administrator (see note)**

Functions:
- Update via the Internet
- IR functions are programmable via code input or via direct teaching in
- Macro functions

Radio: 20 channels, 20 scenes
Radio Range: up to 100 m free field, up to 30 m indoors
IR Range: up to 15 m
Battery: 4 microcells (IEC LR 03, AAA)
Display elements: 5 LEDs for status display and programming
Dimensions: 225 x 50 x 27 mm (H x W x D)

Receiver: All receivers of the Merten CONNECT radio system.
Note: The device can assume the features and characteristics of the system administrator. As it concerns a mobile device we recommend that you preferably select a fixed device as system administrator. Instead use for example a CONNECT radio push-button, 1-gang.
Contents: With battery. With a codes table for nearly all conventional devices, like TV, VCR, DVD, SAT, AUX, ...
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
black	**506922**	1/1	8	

CONNECT radio push-button, 1-gang

For System M.
Battery-powered radio transmitter with 2 channels. For controlling the Merten CONNECT radio system's radio receiver.
Radio features: **System administrator**
High installation flexibility due to flat design. A flush-mounted socket-outlet is not necessary. The push-button is suitable for sticking onto walls or glass, screwing onto walls or flush-mounted outlets as well as installing in a multiple combination.

Channels: 2
Range: up to 100 m free field, up to 30 m indoors
Battery: 1 lithium button cell (CR 2450)
Display elements: LED for transmission confirmation/programming

Receiver: All receivers of the Merten CONNECT radio system.
Contents: Battery, retaining plate, double-sided adhesive strips, single-sided adhesive foils aluminium-coloured, screws, dowels.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**506144**	1/40	8	
polar white, glossy	**506119**	1/40	8	
active white, glossy	**506125**	1/40	8	
Thermoplastic classy matt				
white	**505144**	1/40	8	
polar white	**505119**	1/40	8	
anthracite	**505114**	1/40	8	
aluminium	**505160**	1/40	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



CONNECT radio push-button, 2-gang

For System M.
Battery-powered radio transmitter with 4 channels. For controlling the Merten CONNECT radio system's radio receiver.
Radio features: **System administrator**
High installation flexibility due to flat design. A flush-mounted socket-outlet is not necessary. The push-button is suitable for sticking onto walls or glass, screwing onto walls or flush-mounted outlets as well as installing in a multiple combination.

Channels: 4
Range: up to 100 m free field, up to 30 m indoors
Battery: 1 lithium button cell (CR 2450)
Display elements: LED for transmission confirmation/programming

Receiver: All receivers of the Merten CONNECT radio system.
Contents: Battery, retaining plate, double-sided adhesive strips, single-sided adhesive foils aluminium-coloured, screws, dowels.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**506244**	1/40	8	
polar white, glossy	**506219**	1/40	8	
active white, glossy	**506225**	1/40	8	
Thermoplastic classy matt				
white	**505244**	1/40	8	
polar white	**505219**	1/40	8	
anthracite	**505214**	1/40	8	
aluminium	**505260**	1/40	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

CONNECT radio push-button, 1-gang

For System Design.
Battery-powered radio transmitter with 2 channels. For controlling the Merten CONNECT radio system's radio receiver.
Radio features: **System administrator**
High installation flexibility due to flat design. A flush-mounted socket-outlet is not necessary. The push-button is suitable for sticking onto walls or glass, screwing onto walls or flush-mounted outlets as well as installing in a multiple combination.

Channels: 2
Range: up to 100 m free field, up to 30 m indoors
Battery: 1 lithium button cell (CR 2450)
Display elements: LED for transmission confirmation/programming

Receiver: All receivers of the Merten CONNECT radio system.
Contents: Battery, retaining plate, double-sided adhesive strips, single-sided adhesive foils aluminium-coloured, screws, dowels.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**507144**	1/40	8	
polar white	**507119**	1/40	8	
aluminium	**507160**	1/40	8	
metallic				
varnished stainless steel	**507146**	1/40	8	



CONNECT radio push-button, 2-gang

For System Design.
Battery-powered radio transmitter with 4 channels. For controlling the Merten CONNECT radio system's radio receiver.
Radio features: **System administrator**
High installation flexibility due to flat design. A flush-mounted socket-outlet is not necessary. The push-button is suitable for sticking onto walls or glass, screwing onto walls or flush-mounted outlets as well as installing in a multiple combination.

Channels: 4
Range: up to 100 m free field, up to 30 m indoors
Battery: 1 lithium button cell (CR 2450)
Display elements: LED for transmission confirmation/programming

Receiver: All receivers of the Merten CONNECT radio system.
Contents: Battery, retaining plate, double-sided adhesive strips, single-sided adhesive foils aluminium-coloured, screws, dowels.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**507244**	1/40	8	
polar white	**507219**	1/40	8	
aluminium	**507260**	1/40	8	
metallic				
varnished stainless steel	**507246**	1/40	8	



CONNECT radio transmitter flush-mounted, 4-gang

Battery-powered radio transmitter for connecting up to 4 floating switch contacts (e.g. standard push-buttons). For the remote control of other receivers from the Merten CONNECT radio system via push-buttons from the Merten switch ranges. Automatic recognition of the connected devices, like for example sensor, switch or push-button. Suitable for installation underneath push-button inserts or in empty flush-mounted boxes.
Channels: 4
Range: up to 100 m (free field)
up to 30 m (building)
Battery: 1 lithium button cell (CR 2450)
Display elements: LED for send confirmation
Dimensions: 43 x 41 x 14 mm (H x W x D)

Receiver: All receivers of the Merten CONNECT radio system.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
	506004	1/100	8	

CONNECT radio system, switching/dimming

CONNECT radio sensor cover for dimmer inserts

For System M.
Operator button to toggle or switch/dim an output.
Manual operation and remote control possible via Merten CONNECT radio system transmitters.
Radio features: **Router**

Functions:
Switch on, switch off, toggle, scene, dimming.



To be completed with: Universal super dimmer insert, art. no. 577099 from version 3A.
Transmitter: All transmitters of the Merten CONNECT radio system.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**503644**	1/100	8	
polar white, glossy	**503619**	1/100	8	
active white, glossy	**503625**	1/100	8	
Thermoplastic classy matt				
white	**502644**	1/100	8	
polar white	**502619**	1/100	8	
anthracite	**502614**	1/100	8	
aluminium	**502660**	1/100	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

CONNECT radio sensor cover for dimmer inserts

For System Design.
Operator button to toggle or switch/dim an output.
Manual operation and remote control possible via Merten CONNECT radio system transmitters.
Radio features: **Router**



Functions:
Switch on, switch off, toggle, scene, dimming.

To be completed with: Universal super dimmer insert, art. no. 577099 from version 3A.
Transmitter: All transmitters of the Merten CONNECT radio system.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**504644**	1/100	8	
polar white	**504619**	1/100	8	
aluminium	**504660**	1/100	8	
metallic				
varnished stainless steel	**504646**	1/100	8	



Universal super dimmer insert

AC 230 V



For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers or electronic transformers.
Phase control or phase alignment
The universal dimmer automatically recognises the connected load. Do not connect any mixed loads.
With memory function, can be switched off.

Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695... Central plate comfort rotating regulator for Universal super dimmer insert, art. no. System M 5678.., 5677... In the CONNECT radio system with the CONNECT sensor cover for dimmer inserts art. No. System M 5036.., 5026..., System Design 5046...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Technical Information: Universal dimmer (⇒ p. 456); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)
Note: The insert from version 3A only, can be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
25-420 VA	**577099**	1/50	8	

CONNECT radio sensor cover, for switch inserts

For System M.
Operator button for switching an output. Manual operation and remote control possible via Merten CONNECT radio system transmitters.
Radio features: **Router**



Functions:
Switch on, switch off, toggle, scene.

To be completed with: Relay switch insert, art. no. 576897. Electronic switch insert, art. no. 576799 from version 2A.
Transmitter: All transmitters of the Merten CONNECT radio system.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**503444**	1/100	8	
polar white, glossy	**503419**	1/100	8	
active white, glossy	**503425**	1/100	8	
Thermoplastic classy matt				
white	**502444**	1/100	8	
polar white	**502419**	1/100	8	
anthracite	**502414**	1/100	8	
aluminium	**502460**	1/100	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

CONNECT radio sensor cover, for switch inserts

For System Design.
Operator button for switching an output. Manual operation and remote control possible via Merten CONNECT radio system transmitters.
Radio features: **Router**

Functions:
Switch on, switch off, toggle, scene.

To be completed with: Relay switch insert, art. no. 576897. Electronic switch insert, art. no. 576799 from version 2A.
Transmitter: All transmitters of the Merten CONNECT radio system.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**504444**	1/100	8	
polar white	**504419**	1/100	8	
aluminium	**504460**	1/100	8	
metallic				
varnished stainless steel	**504446**	1/100	8	



Relay switch insert

AC 230 V

For ohmic and complex loads such as incandescent lamps, fluorescent lamps, energy-saving lamps, LV halogen lighting etc.

Switching capacity: 0-1000 VA
Capacitive load: max. 140 µF
Neutral conductor: required (3 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Replace the relay switch insert, art. no. 576899.

Version	Art. no.	PU	PG	Info
0-1000 VA	**576897**	1/50	8	



Electronic switch insert

AC 230 V

For ohmic load such as incandescent lamps, 230 V halogen lamps.

Switching capacity: 40-300 W
Neutral conductor:not required (2 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: A maximum of two electronic switch inserts may be wired in parallel. The sensor cover with radio receiver for switch inserts, art. no. 5932.., 5933.. can be used from version 1A with the electronic switch insert, art. no. 576799. The insert from version 2A only, can be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
40-300 W	**576799**	1/50	8	



CONNECT radio receiver, flush-mounted, 1-gang switch

For switching loads via a make contact. Can be remote-controlled via transmitters in the Merten CONNECT system.
Radio features: **Router**
Suitable for installation in a ceiling socket-outlet, in a flush-mounted box or on a ceiling hook.
Functions:
Switch on, switch off, toggle, push-button operation.

Nominal voltage: AC 230 V
Nominal current: 10 A
Connected loads:
Incandescent lamps: AC 230 V, 2000 W
Halogen lamps: AC 230 V, 2000 W
Fluorescent lamps: 1200 W
Capacitive load: 35 µF
Dimensions: 48 x 48 x 23 mm (H x W x D)
Display elements: LED

Transmitter: All transmitters of the Merten CONNECT radio system.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
	507001	1/60	8	



CONNECT radio plug adapter, switch

AC 230 V, 50 Hz

For switching external loads with SCHUKO plug.
Radio features: **Router**
Manual operation via the sensor surface and remote control possible via Merten CONNECT radio system transmitters.

Functions:
Switch on, switch off, scene.

Nominal voltage: AC 230 V, 50 Hz
Nominal current:16 A, cosφ = 1
Incandescent lamps: AC 230 V, max. 2000 W
Halogen lamps: AC 230 V, max. 2000 W
Capacitive load: max. 35 µF
Dimensions: 120x65x38 mm (HxWxD)
Display elements: LED for status display
Operating elements: Sensor surface for local operation and programming
Type of protection: IP 20

Transmitter: All transmitters of the Merten CONNECT radio system.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
polar white	**508519**	1/16	8	



CONNECT radio plug adapter, universal dimmer

AC 230 V, 50 Hz

For switching and dimming external loads with SCHUKO plug.
Radio features: **Router**
For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers.
(Phase control or phase alignment).
Manual operation via the sensor surface and remote control possible via Merten CONNECT radio system transmitters.
The integrated universal dimmer automatically recognises the connected load. Do not connect any mixed loads.
With memory function, can be switched off.

Functions:
Switch on, switch off, dim, scene.

Nominal voltage: AC 230 V, 50 Hz
Minimum load:40 VA
Maximum load:350 VA
Dimensions: 120x65x38 mm (HxWxD)
Display elements: LED for status display
Operating elements: Sensor surface for local operation and programming
Type of protection: IP 20

Transmitter: All transmitters of the Merten CONNECT radio system.
Technical Information: Universal dimmer (⇒ p. 456)
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
polar white	**508619**	1/16	8	

CONNECT radio system, roller shutter



CONNECT radio roller shutter push-button with sensor connection

For System M.
Operating button for roller shutter motors. Manual operation and remote control possible via Merten CONNECT radio system transmitters. With electronic locking device.
Possible to connect sun/twilight sensor.
Radio features: **Router**
A screw terminal on the blind control insert connects the sensor cable with the roller shutter push-button. Brightness value of sun sensor set to approx. 20000 lux.

Functions:
Radio: Roller shutter UP, DOWN, stop

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Transmitter: All transmitters of the Merten CONNECT radio system.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**503544**	1/60	8	
polar white, glossy	**503519**	1/60	8	
active white, glossy	**503525**	1/60	8	
Thermoplastic classy matt				
white	**502544**	1/60	8	
polar white	**502519**	1/60	8	
anthracite	**502514**	1/60	8	
aluminium	**502560**	1/60	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



CONNECT radio roller shutter push-button with sensor connection

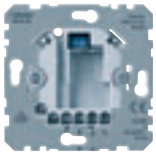
For System Design.
Operating button for roller shutter motors. Manual operation and remote control possible via Merten CONNECT radio system transmitters. With electronic locking device.
Possible to connect sun/twilight sensor.
Radio features: **Router**
A screw terminal on the blind control insert connects the sensor cable with the roller shutter push-button. Brightness value of sun sensor set to approx. 20000 lux.

Functions:
Radio: Roller shutter UP, DOWN, stop

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Transmitter: All transmitters of the Merten CONNECT radio system.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**504544**	1/60	8	
polar white	**504519**	1/60	8	
aluminium	**504560**	1/60	8	
metallic				
varnished stainless steel	**504546**	1/60	8	

www.merten.com



Standard blind control insert

AC 230 V, 50 Hz

For local control of a blind/roller shutter motor with limit switch.
Motor protection through interlocked relay contacts. Without extension input.

Nominal voltage: AC 230 V, 50 Hz
Neutral conductor: required
Switching capacity: max. 1 motor 1000 W
Outputs: 2 make contacts (interlocked)
Pulse duration: 2 minutes
Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

- **To be completed with:** Blind push-buttons and blind time switches for the blind control system. In the CONNECT radio system with the CONNECT radio roller shutter push-button with sensor connection art. No. System M 5035.., 5025..., System Design 5045...
- **Technical Information:** Standard blind control insert, art. no. 580698 (⇒ p. 463)

Version	Art. no.	PU	PG	Info
1000 W	**580698**	1/50	8	



Blind control insert with extension input

AC 230 V, 50 Hz

For controlling a blind/roller shutter motor with limit switch.
A mechanical roller shutter switch/push-button or an additional blind control insert can be connected via the extension input to implement group/central control. Wind alarm function possible with extension input. Motor protection through interlocked relay contacts.

Nominal voltage: AC 230 V, 50 Hz
Neutral conductor: required
Switching capacity: max. 1 motor 1000 VA
Outputs: 2 make contacts (interlocked)
Reversing time: minimum 500 ms
Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

- **To be completed with:** Blind push-buttons and blind time switches for the blind control system. In the CONNECT radio system with the CONNECT radio roller shutter push-button with sensor connection art. No. System M 5035.., 5025..., System Design 5045...
  Accessories: Wind sensor interface, art. no. 580693.
- **Technical Information:** Blind control insert with extension input, art. no. 580699 (⇒ p. 463)
- **Note:** In combination with the standard blind time switch, art. no. 5809.., 5859.., 5839.., 5819.., the extension input does not work.

Version	Art. no.	PU	PG	Info
1000 VA	**580699**	1/50	8	

CONNECT radio system, heating



CONNECT radio valve drive for heaters, comfort/standby

Heating thermostat for manually adjusting the desired room temperature in situ. Additionally it is possible to reduce/increase the temperature by 4 °C by radio via the CONNECT radio central unit. With limitation facility of the mechanical adjusting range.
Thermostat head is suitable for Heimeier valves M 30 x 1.5.

Operating elements: Programming button, key for toggling between comfort/standby
Display elements: Comfort (Sun), standby (Moon)
Battery: 2 Mignon 1.5 V (IEC LR 6, AA)
Battery service life: approximately 2 heating periods
Temperature range: 8 - 28 °C

- **Transmitter:** CONNECT radio central unit, merten@home art. no. 5059.., 5050...
- **Further thermostat heads available on request.**
  Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
polar white	**509201**	1/1	8	

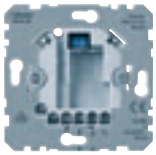
Overview of functions and devices

Function	Design cover	Functions	- For a blind/roller shutter motor with limit switch - Individual control  580698 **Standard blind control insert** (max. 1 motor 1000 VA) Neutral conductor required	- For a blind/roller shutter motor with limit switch - Individual control - Extension input for group/central control - Wind monitoring function possible  580699 **Blind control insert with extension input** (max. 1 motor 1000 VA) Neutral conductor required	- Sensor with suction fixing for the window - Measurement of brightness  580691 **Sun/twilight sensor** Cable length 2 m
Blind push-button					
- Manual operation - Slat adjustment		**Blind push-button** System M 5877.., 5862.. System Design 5842.. System Basis 5802.. OCTOCOLOR 5822..	■	■	
- Manual operation - Slat adjustment - Sun protection function with sensor 580691		**Blind push-button with sensor connection** System M 5878.., 5865.. System Design 5845.. System Basis 5805.. OCTOCOLOR 5825..	■	■	■
- Manual operation - Slat adjustment - Memory function for automatic operation of drive at saved times - Sun protection function with sensor 580691		**Blind push-button with memory function and sensor connection** System M 5879.., 5863.. System Design 5843.. System Basis 5803.. OCTOCOLOR 5823..	■	■	■
- Manual operation - Slat adjustment - Can be remote controlled via infrared (Distance 2010/2050) - Sun protection function with sensor 580691		**Blind push-button with IR receiver and sensor connection** System M 5880.., 5864.. System Design 5844.. System Basis 5804.. OCTOCOLOR 5824..	■	■	■
Blind time switch					
- Manual operation/slat - Clock function with time block Mon-Fri: (1 x Up time, 1 x Down time) and time block Sat-Sun (1 x Up time, 1 x Down time) can be programmed		**Standard blind time switch** System M 5814.., 5819.. System Design 5859.. System Basis 5809.. OCTOCOLOR 5839..	■	■ Extension input out of service (no central/group control possible)	
- Manual operation/slat - Clock function for complex switching programs - Astro function for automatically adjusting switching times according to the time of the year - Random function		**Blind time switch** System M 5815.., 5861.. System Design 5841.. System Basis 5801.. OCTOCOLOR 5821..	■	■	
- Manual operation/slat - Clock function for complex switching programs - Astro function for automatically adjusting switching times according to the time of the year - Random function. - Sun protection function with sensor 580691 - Twilight function with sensor 580691		**Blind time switch with sensor connection** System M 5816.., 5867.. System Design 5851.. System Basis 5811.. OCTOCOLOR 5831..	■	■	■
Wind monitoring unit					
- The wind monitoring unit allows the blind to be raised or lowered depending on the wind force		**Wind sensor interface** 580693 with wind sensor 580690 or 580692		■ via extension input	

Technical Information: Blind control system (⇒ p. 463)

Inserts

Technical Information: Blind control system functions and device overview (⇒ p. 464)



Standard blind control insert

AC 230 V, 50 Hz

For local control of a blind/roller shutter motor with limit switch.
Motor protection through interlocked relay contacts. Without extension input.

Nominal voltage: AC 230 V, 50 Hz
Neutral conductor: required
Switching capacity: max. 1 motor 1000 W
Outputs: 2 make contacts (interlocked)
Pulse duration: 2 minutes
Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

To be completed with: Blind push-buttons and blind time switches for the blind control system. In the CONNECT radio system with the CONNECT radio roller shutter push-button with sensor connection art. No. System M 5035.., 5025..., System Design 5045...
Technical Information: Standard blind control insert, art. no. 580698 (⇒ p. 463)

Version	Art. no.	PU	PG	Info
1000 W	**580698**	1/50	8	



Blind control insert with extension input

AC 230 V, 50 Hz

For controlling a blind/roller shutter motor with limit switch.
A mechanical roller shutter switch/push-button or an additional blind control insert can be connected via the extension input to implement group/central control. Wind alarm function possible with extension input. Motor protection through interlocked relay contacts.

Nominal voltage: AC 230 V, 50 Hz
Neutral conductor: required
Switching capacity: max. 1 motor 1000 VA
Outputs: 2 make contacts (interlocked)
Reversing time: minimum 500 ms
Connecting terminals: Screw terminals for max. 2.5 mm² or 2x1.5 mm²

To be completed with: Blind push-buttons and blind time switches for the blind control system. In the CONNECT radio system with the CONNECT radio roller shutter push-button with sensor connection art. No. System M 5035.., 5025..., System Design 5045...
Accessories: Wind sensor interface, art. no. 580693.
Technical Information: Blind control insert with extension input, art. no. 580699 (⇒ p. 463)
Note: In combination with the standard blind time switch, art. no. 5809.., 5859.., 5839.., 5819.., the extension input does not work.

Version	Art. no.	PU	PG	Info
1000 VA	**580699**	1/50	8	



Multiple control relay insert for roller shutters

5 A, AC 250 V

Suitable for a size 60 flush-mounted box.
With a multiple control relay, it is possible to control 2 motors locally by manual operation or centrally.
The multiple control relays can be cascaded.

To be completed with: Blanking cover, art. no. System M 3916.., 3918.., 3917.., System Basis 3920.., System Design 3919.., OCTOCOLOR 3926...
Technical Information: Multiple control relay insert for roller shutters (⇒ p. 470)

Version	Art. no.	PU	PG	Info
	576399	1/24	8	



Multiple control relay for roller shutters, flush-mounted

6 A, AC 250 V

Suitable for a size 60 flush-mounted box. Flat 22 mm design. For local control using push-buttons, installation in a deep flush-mounted box.
For controlling up to 2 roller shutter motors locally, in groups or centrally. With separation of load and control circuit, as well as forced locking in both directions of movement.
Motors are controlled individually using a roller shutter rocker switch and centrally using the blind time switches or blind push-buttons of the Merten blind control system.

Mains voltage: AC 230 V, 50 Hz ±10 %
Control voltage: AC 230 V ±10 %
Power consumption: 10 mA in relay operation
Switching voltage: max. AC 250 V
Switching current: max. 6 A
Temperature range: 0 -60 °C
Terminals: max. 1.5 mm²
Dimensions: 22x49x52 mm (HxWxD)
Installation: (deep) flush-mounted box

To be completed with: Blanking cover, art. no. System M 3916.., 3918.., 3917.., System Basis 3920.., System Design 3919.., OCTOCOLOR 3926...
Technical Information: Multiple control relay for roller shutters, flush-mounted (⇒ p. 471)

Version	Art. no.	PU	PG	Info
	576398	1/100	8	



Multiple control relay for roller shutters REG

2 A, AC 250 V

For installation on DIN rails.
For controlling up to 2 roller shutter motors locally, in groups or centrally. With separation of load and control circuit, as well as forced locking in both directions of movement.
Motors are controlled individually using a roller shutter rocker switch and centrally using the blind time switches or blind push-buttons of the Merten blind control system.

Mains voltage: AC 230 V, 50 Hz ±10 %
Power consumption: 10 mA in relay operation
Switching voltage: max. AC 250 V
Switching current: max. 2 A
Temperature range: 0 -60 °C
Terminals: max. 1.5 mm²
Device width: 2 modules = approx. 36 mm

Technical Information: Multiple control relay for roller shutters REG (⇒ p. 472)

Version	Art. no.	PU	PG	Info
	576397	1/40	8	

Design covers for System Basis

Technical Information: Blind control system functions and device overview (⇒ p. 464)



Blind push-button

Operator button for blind/roller shutter motors.
With electronic locking of blind control.

Push-button action < 1s: Stop or inching mode for slat adjustment.
Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

To be completed with: Blind control insert, art. no. 580698, 580699.
Technical Information: Blind push-button (⇒ p. 465)

Version	Art. no.	PU	PG	Info
white	**580274**	1/100	8	
polar white	**580219**	1/100	8	



Blind push-button with sensor connection

Operator button for blind/roller shutter motors.
With electronic locking of blind control.
Possible to connect sun sensor.
A screw terminal on the blind control insert connects the sensor cable with the blind push-button.
Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.
Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind push-button with sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
white	**580574**	1/100	8	
polar white	**580519**	1/100	8	



Blind push-button with memory function and sensor connection

Operator button for blind/roller shutter motors.
With electronic locking of blind control.
Possible to connect sun sensor.
The device uses a a memory function for the purpose of presence simulation to save a time for opening and a time for closing the blinds. Which are then repeated every 24 hours.
The memory function can be switched on and off at any time. The times are saved by keeping the corresponding direction key pressed down (2 s).
A screw terminal on the blind control insert connects the sensor cable with the blind push-button.
Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.
Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind push-button with memory function and sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
white	**580374**	1/100	8	
polar white	**580319**	1/100	8	



Blind push-button with IR receiver and sensor connection

Operator button for blind/roller shutter motors.
Can be manually operated and controlled remotely via IR remote control. With electronic locking of blind control.
Possible to connect sun sensor.
A screw terminal on the blind control insert connects the sensor cable with the blind push-button.
Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.
Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: Blind push-button with IR receiver and sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
white	**580474**	1/100	8	
polar white	**580419**	1/100	8	

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Standard blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

Functions:

- 4 push-button operation
- Pre-set switching times
- Time block Mon-Fri: 1xup, 1xdown time can be programmed
- Time block Sat-Sun: 1xup, 1xdown time can be programmed
- Quick programming function
- Programming possible without flush-mounted insert
- Reserve power up to 6 hours (without battery)
- Reset to restore factory settings
- Manual operation possible at any time

Reversing time on change in direction: min. 1 second
Accuracy: ±1 min. per month

To be completed with: Blind control insert, art. no. 580698, 580699.
Technical Information: Standard blind time switch (⇒ p. 466)
Note: In combination with the blind control insert and extension input, art. no. 580699, the extension input does not work.

Version	Art. no.	PU	PG	Info
white	**580974**	1/10	8	
polar white	**580919**	1/10	8	



Blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

Functions:

- 3 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Individual running time can be programmed
- Manual operation possible at any time
- Electronic locking of blind control

To be completed with: Blind control insert, art. no. 580698, 580699.
Technical Information: Blind time switch (⇒ p. 466)

Version	Art. no.	PU	PG	Info
white	**580174**	1/10	8	
polar white	**580119**	1/10	8	



Blind time switch with sensor connection

For programmed and time-dependent switching of blind/roller shutter motors.
Possible to connect sun/twilight sensor.
The sensor cable is connected with the blind time switch via the plug.

Functions:

- 3 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Individual running time can be programmed
- Manual operation possible at any time
- Electrical interlock for blind control
- Configurable brightness values for sun protection and twilight functions. The sun sensor can also be used as a twilight sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind time switch with sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
white	**581174**	1/10	8	
polar white	**581119**	1/10	8	

Design covers for System M

Technical Information: Blind control system functions and device overview (⇒ p. 464)



Blind push-button

Operator button for blind/roller shutter motors.
With electronic locking of blind control.

Push-button action < 1s: Stop or inching mode for slat adjustment.
Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

To be completed with: Blind control insert, art. no. 580698, 580699.
Technical Information: Blind push-button (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**587744**	1/100	8	
polar white, glossy	**587719**	1/100	8	
active white, glossy	**587725**	1/100	8	
Thermoplastic classy matt				
white	**586244**	1/100	8	
polar white	**586219**	1/100	8	
anthracite	**586214**	1/100	8	
aluminium	**586260**	1/100	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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Blind push-button with sensor connection

Operator button for blind/roller shutter motors.
With electronic locking of blind control.
Possible to connect sun sensor.
A screw terminal on the blind control insert connects the sensor cable with the blind push-button.
Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.
Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind push-button with sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**587844**	1/100	8	
polar white, glossy	**587819**	1/100	8	
active white, glossy	**587825**	1/100	8	
Thermoplastic classy matt				
white	**586544**	1/100	8	
polar white	**586519**	1/100	8	
anthracite	**586514**	1/100	8	
aluminium	**586560**	1/100	8	

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Blind push-button with memory function and sensor connection

Operator button for blind/roller shutter motors.
With electronic locking of blind control.
Possible to connect sun sensor.
The device uses a a memory function for the purpose of presence simulation to save a time for opening and a time for closing the blinds. Which are then repeated every 24 hours.
The memory function can be switched on and off at any time. The times are saved by keeping the corresponding direction key pressed down (2 s).
A screw terminal on the blind control insert connects the sensor cable with the blind push-button.
Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.
Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind push-button with memory function and sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**587944**	1/100	8	
polar white, glossy	**587919**	1/100	8	
active white, glossy	**587925**	1/100	8	
Thermoplastic classy matt				
white	**586344**	1/100	8	
polar white	**586319**	1/100	8	
anthracite	**586314**	1/100	8	
aluminium	**586360**	1/100	8	

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Blind push-button with IR receiver and sensor connection

Operator button for blind/roller shutter motors.
Can be manually operated and controlled remotely via IR remote control. With electronic locking of blind control.
Possible to connect sun sensor.
A screw terminal on the blind control insert connects the sensor cable with the blind push-button.
Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.
Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: Blind push-button with IR receiver and sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**588044**	1/100	8	
polar white, glossy	**588019**	1/100	8	
active white, glossy	**588025**	1/100	8	
Thermoplastic classy matt				
white	**586444**	1/100	8	
polar white	**586419**	1/100	8	
anthracite	**586414**	1/100	8	
aluminium	**586460**	1/100	8	

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Standard blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

Functions:

- 4 push-button operation
- Pre-set switching times
- Time block Mon-Fri: 1xup, 1xdown time can be programmed
- Time block Sat-Sun: 1xup, 1xdown time can be programmed
- Quick programming function
- Programming possible without flush-mounted insert
- Reserve power up to 6 hours (without battery)
- Reset to restore factory settings
- Manual operation possible at any time

Reversing time on change in direction: min. 1 second

Accuracy: ±1 min. per month

To be completed with: Blind control insert, art. no. 580698, 580699.

Technical Information: Standard blind time switch (⇒ p. 466)

Note: In combination with the blind control insert and extension input, art. no. 580699, the extension input does not work.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**581444**	1/10	8	
polar white, glossy	**581419**	1/10	8	
active white, glossy	**581425**	1/10	8	
Thermoplastic classy matt				
white	**581944**	1/10	8	
polar white	**581919**	1/10	8	

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Blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

Functions:

- 3 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Individual running time can be programmed
- Manual operation possible at any time
- Electronic locking of blind control

To be completed with: Blind control insert, art. no. 580698, 580699.

Technical Information: Blind time switch (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**581544**	1/10	8	
polar white, glossy	**581519**	1/10	8	
active white, glossy	**581525**	1/10	8	
Thermoplastic classy matt				
white	**586144**	1/10	8	
polar white	**586119**	1/10	8	
anthracite	**586114**	1/10	8	
aluminium	**586160**	1/10	8	

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Blind time switch with sensor connection

For programmed and time-dependent switching of blind/roller shutter motors.
Possible to connect sun/twilight sensor.
The sensor cable is connected with the blind time switch via the plug.

Functions:

- 3 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Individual running time can be programmed
- Manual operation possible at any time
- Electrical interlock for blind control
- Configurable brightness values for sun protection and twilight functions. The sun sensor can also be used as a twilight sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind time switch with sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**581644**	1/10	8	
polar white, glossy	**581619**	1/10	8	
active white, glossy	**581625**	1/10	8	
Thermoplastic classy matt				
white	**586744**	1/10	8	
polar white	**586719**	1/10	8	
anthracite	**586714**	1/10	8	
aluminium	**586760**	1/10	8	

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Design covers for System Design

Technical Information: Blind control system functions and device overview (⇒ p. 464)



Blind push-button

Operator button for blind/roller shutter motors.
With electronic locking of blind control.

Push-button action < 1s: Stop or inching mode for slat adjustment.
Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

To be completed with: Blind control insert, art. no. 580698, 580699.
Technical Information: Blind push-button (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**584244**	1/100	8	
polar white	**584219**	1/100	8	
vanilla	**584282**	1/100	8	
ice blue	**584288**	1/100	8	
light grey	**584229**	1/100	8	
midnight blue	**584278**	1/100	8	
dark brazil	**584215**	1/100	8	
black grey	**584269**	1/100	8	
aluminium	**584260**	1/100	8	
metallic				
antique brass	**584243**	1/100	8	
stainless steel	**584246**	1/100	8	



Blind push-button with sensor connection

Operator button for blind/roller shutter motors.
With electronic locking of blind control.
Possible to connect sun sensor.
A screw terminal on the blind control insert connects the sensor cable with the blind push-button.
Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.
Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind push-button with sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**584544**	1/100	8	
polar white	**584519**	1/100	8	
vanilla	**584582**	1/100	8	
ice blue	**584588**	1/100	8	
light grey	**584529**	1/100	8	
midnight blue	**584578**	1/100	8	
dark brazil	**584515**	1/100	8	
black grey	**584569**	1/100	8	
aluminium	**584560**	1/100	8	
metallic				
antique brass	**584543**	1/60	8	
stainless steel	**584546**	1/100	8	

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Blind push-button with memory function and sensor connection

Operator button for blind/roller shutter motors.
With electronic locking of blind control.
Possible to connect sun sensor.
The device uses a a memory function for the purpose of presence simulation to save a time for opening and a time for closing the blinds. Which are then repeated every 24 hours.
The memory function can be switched on and off at any time. The times are saved by keeping the corresponding direction key pressed down (2 s).
A screw terminal on the blind control insert connects the sensor cable with the blind push-button.
Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.
Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind push-button with memory function and sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**584344**	1/100	8	
polar white	**584319**	1/100	8	
vanilla	**584382**	1/100	8	
ice blue	**584388**	1/100	8	
light grey	**584329**	1/100	8	
midnight blue	**584378**	1/100	8	
dark brazil	**584315**	1/100	8	
black grey	**584369**	1/100	8	
aluminium	**584360**	1/100	8	
metallic				
antique brass	**584343**	1/60	8	
stainless steel	**584346**	1/100	8	



Blind push-button with IR receiver and sensor connection

Operator button for blind/roller shutter motors.
Can be manually operated and controlled remotely via IR remote control. With electronic locking of blind control.
Possible to connect sun sensor.
A screw terminal on the blind control insert connects the sensor cable with the blind push-button.
Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.
Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: Blind push-button with IR receiver and sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**584444**	1/60	8	
polar white	**584419**	1/60	8	
vanilla	**584482**	1/60	8	
ice blue	**584488**	1/60	8	
light grey	**584429**	1/60	8	
midnight blue	**584478**	1/60	8	
dark brazil	**584415**	1/60	8	
black grey	**584469**	1/60	8	
aluminium	**584460**	1/60	8	
metallic				
antique brass	**584443**	1/60	8	
stainless steel	**584446**	1/60	8	



Standard blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

Functions:

- 4 push-button operation
- Pre-set switching times
- Time block Mon-Fri: 1xup, 1xdown time can be programmed
- Time block Sat-Sun: 1xup, 1xdown time can be programmed
- Quick programming function
- Programming possible without flush-mounted insert
- Reserve power up to 6 hours (without battery)
- Reset to restore factory settings
- Manual operation possible at any time

Reversing time on change in direction: min. 1 second

Accuracy: ±1 min. per month

To be completed with: Blind control insert, art. no. 580698, 580699.

Technical Information: Standard blind time switch (⇒ p. 466)

Note: In combination with the blind control insert and extension input, art. no. 580699, the extension input does not work.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**585944**	1/10	8	
polar white	**585919**	1/10	8	
aluminium	**585960**	1/10	8	
metallic				
varnished stainless steel	**585946**	1/10	8	



Blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

Functions:

- 3 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Individual running time can be programmed
- Manual operation possible at any time
- Electronic locking of blind control

To be completed with: Blind control insert, art. no. 580698, 580699.

Technical Information: Blind time switch (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**584144**	1/10	8	
polar white	**584119**	1/10	8	
vanilla	**584182**	1/10	8	
ice blue	**584188**	1/10	8	
light grey	**584129**	1/10	8	
midnight blue	**584178**	1/10	8	
dark brazil	**584115**	1/10	8	
black grey	**584169**	1/10	8	
aluminium	**584160**	1/10	8	
metallic				
antique brass	**584143**	1/10	8	
varnished stainless steel	**584146**	1/10	8	



Blind time switch with sensor connection

For programmed and time-dependent switching of blind/roller shutter motors.
Possible to connect sun/twilight sensor.
The sensor cable is connected with the blind time switch via the plug.

Functions:

- 3 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Individual running time can be programmed
- Manual operation possible at any time
- Electrical interlock for blind control
- Configurable brightness values for sun protection and twilight functions. The sun sensor can also be used as a twilight sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.

Accessories: Sun/twilight sensor, art. no. 580691.

Technical Information: Blind time switch with sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**585144**	1/10	8	
polar white	**585119**	1/10	8	
vanilla	**585182**	1/10	8	
ice blue	**585188**	1/10	8	
light grey	**585129**	1/10	8	
midnight blue	**585178**	1/10	8	
dark brazil	**585115**	1/10	8	
black grey	**585169**	1/10	8	
aluminium	**585160**	1/10	8	
metallic				
antique brass	**585143**	1/10	8	
varnished stainless steel	**585146**	1/10	8	

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Design covers for OCTOCOLOR

Technical Information: Blind control system functions and device overview (⇒ p. 464)



Blind push-button

Operator button for blind/roller shutter motors.
With electronic locking of blind control.

Push-button action < 1s: Stop or inching mode for slat adjustment.
Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

To be completed with: Blind control insert, art. no. 580698, 580699.
Technical Information: Blind push-button (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**582244**	1/100	8	
polar white	**582219**	1/100	8	
metallic				
varnished bronze metallic	**582242**	1/100	8	
varnished titanium	**582205**	1/100	8	



Blind push-button with sensor connection

Operator button for blind/roller shutter motors.
With electronic locking of blind control.
Possible to connect sun sensor.
A screw terminal on the blind control insert connects the sensor cable with the blind push-button.
Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.
Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind push-button with sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**582544**	1/100	8	
polar white	**582519**	1/100	8	
varnished bronze metallic	**582542**	1/100	8	
varnished titanium	**582505**	1/100	8	



Blind push-button with memory function and sensor connection

Operator button for blind/roller shutter motors.
With electronic locking of blind control.
Possible to connect sun sensor.
The device uses a a memory function for the purpose of presence simulation to save a time for opening and a time for closing the blinds. Which are then repeated every 24 hours.
The memory function can be switched on and off at any time. The times are saved by keeping the corresponding direction key pressed down (2 s).
A screw terminal on the blind control insert connects the sensor cable with the blind push-button.
Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.
Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Technical Information: Blind push-button with memory function and sensor connection (⇒ p. 465)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**582344**	1/100	8	
polar white	**582319**	1/100	8	
metallic				
varnished bronze metallic	**582342**	1/100	8	
varnished titanium	**582305**	1/100	8	



Blind push-button with IR receiver and sensor connection

Operator button for blind/roller shutter motors.
Can be manually operated and controlled remotely via IR remote control. With electronic locking of blind control.
Possible to connect sun sensor.
A screw terminal on the blind control insert connects the sensor cable with the blind push-button.
Brightness value of sun sensor set to approx. 20,000 lux.

Push-button action < 1s: Stop or inching mode for slat adjustment.
Push-button action > 1s: Permanent movement of blind/roller shutters (self-locking).

To be completed with: Blind control insert, art. no. 580698, 580699.
Accessories: Sun/twilight sensor, art. no. 580691.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: Blind push-button with IR receiver and sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**582444**	1/60	8	
polar white	**582419**	1/60	8	
metallic				
varnished bronze metallic	**582442**	1/60	8	
varnished titanium	**582405**	1/60	8	

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Standard blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

Functions:

- 4 push-button operation
- Pre-set switching times
- Time block Mon-Fri: 1xup, 1xdown time can be programmed
- Time block Sat-Sun: 1xup, 1xdown time can be programmed
- Quick programming function
- Programming possible without flush-mounted insert
- Reserve power up to 6 hours (without battery)
- Reset to restore factory settings
- Manual operation possible at any time

Reversing time on change in direction: min. 1 second

Accuracy: ±1 min. per month

To be completed with: Blind control insert, art. no. 580698, 580699.

Technical Information: Standard blind time switch (⇒ p. 466)

Note: In combination with the blind control insert and extension input, art. no. 580699, the extension input does not work.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**583944**	1/10	8	
polar white	**583919**	1/10	8	
metallic				
varnished bronze metallic	**583942**	1/10	8	
varnished titanium	**583905**	1/10	8	



Blind time switch

For programmed and time-dependent switching of blind/roller shutter motors.

Functions:

- 3 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Individual running time can be programmed
- Manual operation possible at any time
- Electronic locking of blind control

To be completed with: Blind control insert, art. no. 580698, 580699.

Technical Information: Blind time switch (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**582144**	1/10	8	
polar white	**582119**	1/10	8	
metallic				
varnished bronze metallic	**582142**	1/10	8	
varnished titanium	**582105**	1/10	8	



Blind time switch with sensor connection

For programmed and time-dependent switching of blind/roller shutter motors.
Possible to connect sun/twilight sensor.
The sensor cable is connected with the blind time switch via the plug.

Functions:

- 3 independent program memories
- Pre-set switching times
- 18 programmable switching times
- Menu-controlled operation / programming
- Reserve power up to 24 hours (without battery)
- Reset to restore factory settings
- Random-check generator can be activated (in the range ± 15 mins)
- Astro function (adjustment ± 2 hours)
- Simple to switch from summer to winter time
- Individual running time can be programmed
- Manual operation possible at any time
- Electrical interlock for blind control
- Configurable brightness values for sun protection and twilight functions. The sun sensor can also be used as a twilight sensor.

To be completed with: Blind control insert, art. no. 580698, 580699.

Accessories: Sun/twilight sensor, art. no. 580691.

Technical Information: Blind time switch with sensor connection (⇒ p. 466)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**583144**	1/10	8	
polar white	**583119**	1/10	8	
metallic				
varnished bronze metallic	**583142**	1/10	8	
varnished titanium	**583105**	1/10	8	

Sensors



Sun/twilight sensor

The light sensor is attached to the window pane with the suction cup. Can be used either as a sun sensor or as a twilight sensor.
The position of the sensor determines the starting point of the blind.

Connecting cable: 2 m / LIYY 2x0.14 mm²

To be completed with: Blind push-button with sensor connection, art. no. System M 5878.., 5865.., System Basis 5805..,System Design 5845.., OCTOCOLOR 5825... Blind push-button with memory function and sensor connection, art. no. System M 5879.., 5863.., System Basis 5803..,System Design 5843.., OCTOCOLOR 5823... Blind push-button with IR receiver and sensor connection, art. no. System M 5880.., 5864.., System Basis 5804..,System Design 5844.., OCTOCOLOR 5824... Blind push-button with radio receiver and sensor connection, art.no. System M 5936.., System Design 5935... Blind time switch with sensor connection, art. no. System M 5816.., 5867.., System Basis 5811..,System Design 5851.., OCTOCOLOR 5831...

Technical Information: Sun/twilight sensor, art. no. 580691 (⇒ p. 467)

Version	Art. no.	PU	PG	Info
2 m, polar white	**580691**	1/54	8	

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IP65

Wind sensor

To raise and protect the blinds depending on the wind force.
The device is connected to the wind sensor interface.
The wind sensor is installed on the roof or on the outside wall of the building and converts the measured wind speeds into electrical signals.

Type of protection: IP 65

To be completed with: Wind sensor interface, art. no. 580693.
Technical Information: Wind monitoring unit (⇒ p. 467)
Contents: With fixing bracket.

Version	Art. no.	PU	PG	Info
polar white	**580692**	1/2	8	



IP65

Wind sensor with heating

With integrated heating for trouble-free operation in winter.

To raise and protect the blinds depending on the wind force.
The device is connected to the wind sensor interface.
The wind sensor is installed on the roof or on the outside wall of the building and converts the measured wind speeds into electrical signals.

Type of protection: IP 65

To be completed with: Wind sensor interface, art. no. 580693. Separate power supply unit AC/DC 24 V/ 70 W
Technical Information: Wind monitoring unit (⇒ p. 467)
Contents: With fixing bracket.

Version	Art. no.	PU	PG	Info
polar white	**580690**	1/2	8	



IP55

Wind sensor interface

AC 230 V, 50 Hz

Evaluation units for wind sensors / wind sensors with heating. For connection to the extension input of the blind control insert.
Can also be connected to the Merten KNX via binary inputs.

Supply voltage: AC 230 V, 50 Hz
Output: floating contact for the control of the blind control insert
Response time: approx. 15 sec. (after the selected wind strength has been exceeded)
Overshoot time: approx. 15 min. (after the selected wind strength has not been reached)

To be completed with: Wind sensor, art. no. 580692. Wind sensor with heating, art. no. 580690. Blind control insert with extension input, art. no. 580699.
Technical Information: Wind monitoring unit (⇒ p. 467)

Version	Art. no.	PU	PG	Info
polar white	**580693**	1/25	8	

Remote controls



IR remote control Distance 2010

10-channel IR remote control. For the control of all TELE sensor covers, blind push-buttons with IR receiver, presence detectors with IR receiver and KNX devices with IR receivers.

Battery: 2 microcells (IEC LR 03, AAA)
Range: up to 20 m

Receiver: TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTOCOLOR 5749... Blind push-button with IR receiver and sensor connection, art. no. System M 5880.., 5864.., System Basis 5804..,System Design 5844.., OCTOCOLOR 5824... ARGUS Presence with IR receiver, art. no. 550591, 630591. KNX IR receiver flush-mounted art. No. System Design 6235.. KNX multi-function push-button with IR receiver, art. no. 623008 System M 6292.., 6242.., 6274.., 6236.., 6175.., 6279.., System Design 6228.., Plantec 626008, 623008. Push-button, 4-gang plus with IR receiver, art. no. System M 6175.., 6279...
Contents: Without battery.

Version	Art. no.	PU	PG	Info
black	**570222**	1/48	8	

Functions and device overview

Function	Inserts	Design covers	Local operation Sensor cover
		System M	5776.., 5701.., 5704..
		System Design	5737..
		System Basis	5741..
		OCTOCOLOR	5742..
Electronic switch (2 conductors - neutral conductor is not required)			
Switching of ohmic loads - Incandescent lamps, 230 V halogen lamps - Extension input for push-buttons and extension TELE inserts		**Electronic switch insert** 575799 (25-400 W) AC 220-230 V, 50-60 Hz	■
Switching of ohmic loads - Incandescent lamps, 230 V halogen lamps		**Electronic switch insert** 576799 (40 - 300 W)	
Timed switching of ohmic loads - Incandescent lamps, 230 V halogen lamps - Fully electronic timer - Extension input for push-buttons and extension TELE inserts - Time period 5 s - 5 min.		**Electronic time switch insert** 575697 (25 - 400 W)	■
Pulse generator for surge switches or protective circuits - The switching function is determined by the surge switch/protective circuit used. - Extension input for push-buttons and extension TELE inserts		**Electronic push-button insert** 574697 (4 - 100 VA)	■
Relay switch (3 conductors - neutral conductor is required)			
Switching, timed switching, push-button operation of ohmic, inductive and capacitive loads - Push-button function, time function, switch function - Incandescent lamps, energy-saving lamps, LV halogen lamps with conventional transformer, fluorescent lamps - Extension input for push-buttons and extension TELE inserts		**Relay universal insert** 575897 AC 220-230 V, 50-60 Hz, max. 1000 W/VA; 500 VA for LV halogen lamps with conventional transformer, max 140 µF	■
Switching of ohmic, inductive or capacitive loads - Incandescent lamps, fluorescent lamps, energy-saving lamps, LV halogen lighting etc.		**Relay switch insert** 576897 0 - 1000 W/VA, max. 140 µF	
Dimmer (2 conductors - neutral conductor is not required)			
Dimming of ohmic, inductive and capacitive loads - Incandescent lamps, 230 V halogen lamps, dimmable wound transformers, electronic transformers - Phase control or phase alignment - Extension input for push-buttons and extension TELE inserts		**Universal super dimmer insert** 577099 at 50 Hz: 25 - 420 VA at 60 Hz: 25 - 340 W	■
Dimming of ohmic, inductive and capacitive loads - Incandescent lamps, 230 V halogen lamps, dimmable wound transformers, electronic transformers - Phase control or phase alignment - Extension input for push-buttons and extension inserts		**Universal dimmer insert, 2-gang** 568099 AC 230 V, 50 - 60 Hz, 2 x 50 - 200 VA	
Dimming of ohmic loads - Incandescent lamps, 230 V halogen lamps - Phase control - Extension input for push-buttons and extension TELE inserts		**Memory super dimmer insert for ohmic load** 573399 (60 - 400 W) 577299 (60 - 600 W, halogen 500 W)	■
Dimming of inductive loads - Dimmable, wound transformers and incandescent lamps - Phase control - Extension input for push-buttons and extension TELE inserts		**Memory halogen super dimmer insert for inductive load** 573599 (20 - 500 VA)	■
Dimming of capacitive loads - Electronic transformers and incandescent lamps - Phase alignment - Extension unit operation with mechanical push-buttons or universal relay insert, art. no. 575897 with configured push-button function.		**Memory ET super dimmer insert for capacitive load** 577899 (20 - 315 W)	■
Extension unit			
Operator function for extension unit as main unit - Control of the extension input of the main unit		**Extension insert** 573999	■
Operator function for extension unit as main unit - Control of the extension input of the main unit; can be operated remotely - Neutral conductor required		**Extension TELE insert** 573998	

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	Local operation/ IR remote control	Local operation	Local operation	Local operation/remote radio operation: CONNECT radio system		Local operation
	 TELE sensor cover	 Comfort rotary regulator for universal super dimmer insert	 2-gang push-button module	 CONNECT radio sensor cover for dimmer inserts	 CONNECT radio sensor cover for switch inserts	 Control electronics, 1-gang 569090
System M	5779.., 5703.., 5711..	5677.., 5678...	568499	5026.., 5036..	5024.., 5034..	
System Design	5709..		568199	5046..	5044	
System Basis	5748..					
OCTOCOLOR	5749..					
	■					■
					■ From version 2A	
	■					■
	■					■
	■					■
					■	
	■	■ From version 1F Minimum load: 40 W		■ From version 3A Minimum load: 40 W		■
			■			
	■					■
	■					■
	■					■
	■					■

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Rotary dimmers

Technical Information: Dimmer selection (⇒ p. 450); Dimmer and load types (⇒ p. 451)



ATELIER dimmer with pressure-operated one-way switch for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated one-way switch.
(Phase control).

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)
Contents: Complete device with full cover plate, not combinable.

Version	Art. no.	PU	PG	Info
60-400 W, polar white	**572119**	1/60	8	
60-400 W, white	**572174**	1/60	8	



ATELIER dimmer for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated two-way switch.
(Phase control).

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)
Contents: Complete device.

Version	Art. no.	PU	PG	Info
60-400 W, white	**572474**	1/60	8	
60-600 W, halogen 500 W, white	**572274**	1/60	8	



M1 dimmer with pressure-operated one-way switch for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated one-way switch.
(Phase control).

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)
Contents: Complete device with full cover plate, not combinable.

Version	Art. no.	PU	PG	Info
60-400 W, white	**572124**	1/60	8	



M1 dimmer for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated two-way switch.
(Phase control).

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)
Contents: Complete device.

Version	Art. no.	PU	PG	Info
60-400 W, white	**572424**	1/60	8	
60-600 W, halogen 500 W, white	**572224**	1/60	8	



Surface-mounted dimmer for ohmic load

AC 230 V

For incandescent lamps and 230-V halogen lamps.
(Phase control).
With rotary off switch.
With screw terminals.
Suitable for surface mounting.

Technical Information: Surface-mounted dimensions (⇒ p. 440); Phase control dimmer for ohmic loads (⇒ p. 453)

Version	Art. no.	PU	PG	Info
60-300 W, polar white	**575119**	1/40	8	



Surface-mounted dimmer for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated two-way switch.
(Phase control).
Closed base.

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)
Contents: Complete device with cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
60-400 W, white	**573444**	1/72	8	
60-400 W, polar white	**573419**	1/72	8	
60-400 W, dark brazil	**573417**	1/72	8	
60-600 W, halogen 500 W, white	**571644**	1/72	8	
60-600 W, halogen 500 W, polar white	**571619**	1/72	8	
60-600 W, halogen 500 W, dark brazil	**571617**	1/72	8	

Rotary dimmer covers for inserts up to 600 VA



Central plate for rotary dimmer inserts up to 600 VA

For System M.

To be completed with: Dimmer insert, art. no. 572499, 572299, 572599, 577199, 572999, 573299.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**567044**	5/120	8	
polar white, glossy	**567019**	5/120	8	
active white, glossy	**567025**	5/120	8	
Thermoplastic classy matt				
white	**569944**	5/120	8	
polar white	**569919**	5/120	8	
anthracite	**569914**	5/120	8	
aluminium	**569960**	5/120	8	
Duroplastic, highly scratch-resistant				
white	**539944**	5/120	8	
polar white	**539919**	5/120	8	



Central plate for rotary dimmer inserts up to 600 VA

For System Design.

To be completed with: Dimmer insert, art. no. 572499, 572299, 572599, 577199, 572999, 573299.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**572019**	10/120	8	
vanilla	**572082**	5/120	8	
ice blue	**572088**	5/120	8	
light grey	**572029**	5/120	8	
midnight blue	**572078**	5/120	8	
dark brazil	**572015**	5/120	8	
black grey	**572069**	5/120	8	
aluminium	**572060**	5/120	8	
metallic				
antique brass	**572043**	5/120	8	
stainless steel	**572046**	5/120	8	
Duroplastic, highly scratch-resistant				
white	**572094**	5/120	8	
polar white	**572099**	5/120	8	



Central plate for rotary dimmer inserts up to 600 VA

For System Basis.

To be completed with: Dimmer insert, art. no. 572499, 572299, 572599, 577199, 572999, 573299.

Version	Art. no.	PU	PG	Info
white	**572374**	5/120	8	
polar white	**572319**	5/120	8	



Central plate for rotary dimmer inserts up to 600 VA

For OCTOCOLOR.

To be completed with: Dimmer insert, art. no. 572499, 572299, 572599, 577199, 572999, 573299.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**572644**	10/120	8	
polar white	**572619**	10/120	8	
metallic				
bronze metallic	**572642**	5/120	8	
titanium	**572605**	5/120	8	

Rotary dimmer inserts for 600 VA

- Surface-mounted visible installation possible in conjunction with surface-mounted housing.
- Interference immunity in line with VDE 0639.
- The following applies to all types of dimmers: If the dimmers cannot dissipate sufficient heat (cavity walls, multiple combinations, surface-mounted combinations and built-in dimmers on DIN rails), the maximum specified connected loads may not be exceeded.

Technical Information: Dimmer selection (⇒ p. 450); Dimmer and load types (⇒ p. 451)



Dimmer insert for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated two-way switch.
(Phase control).

To be completed with: Central plate for rotary dimmer inserts, art. no. System M 5670.., 5699..,5399.., System Basis 5723.., System Design 5720.., OCTOCOLOR 5726...

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)

Version	Art. no.	PU	PG	Info
60-400 W	**572499**	1/72	8	
60-600 W, halogen 500 W	**572299**	1/72	8	



LV halogen dimmer insert for inductive load

AC 230 V

For dimmable, wound transformers and incandescent lamps (inductive/ohmic load).
With pressure-operated two-way switch.
(Phase control).

To be completed with: Central plate for rotary dimmer inserts, art. no. System M 5670.., 5699..,5399.., System Basis 5723.., System Design 5720.., OCTOCOLOR 5726...
Technical Information: Phase control dimmer (⇒ p. 454)

Version	Art. no.	PU	PG	Info
20-500 VA	**572599**	1/72	8	



ET dimmer insert for capacitive load

AC 230 V

For electronic transformers (MET and other brands) and incandescent lamps (ohmic load).
With pressure-operated two-way switch.
(Phase alignment)
Noise-free, short-circuit-proof, with overload protection, and soft start function to protect the lamps.

To be completed with: Central plate for rotary dimmer inserts, art. no. System M 5670.., 5699..,5399.., System Basis 5723.., System Design 5720.., OCTOCOLOR 5726...
Technical Information: Phase alignment dimmer (⇒ p. 455)

Version	Art. no.	PU	PG	Info
20-315 W	**577199**	1/50	8	



Electronic potentiometer insert 1-10 V

For generating the bus voltage for a line with up to 32 bus devices. With integrated choke to decouple the power supply from the bus and a switch to disconnect the power and reset the bus devices connected to the line.
With pressure-operated one-way switch 5 A.

To be completed with: Central plate for rotary dimmer inserts, art. no. System M 5670.., 5699..,5399.., System Basis 5723.., System Design 5720.., OCTOCOLOR 5726...
Technical Information: Control of fluorescent lamps and motors (⇒ p. 457)

Version	Art. no.	PU	PG	Info
	572999	1/50	8	



Dimmer insert for inductive load

AC 230 V

For dimmable wound transformers, motors, incandescent lamps and fluorescent lamps (inductive/ohmic load).
With pressure-operated two-way switch and additional switch contact.
(Phase control).
In conjunction with the base load of the speed controller, this can be used as a dimmer for argon fluorescent lamps (Ø 38 mm) and as a dimmer in circuits with automatic mains disconnection.

Connected load: 600 W incandescent lamps, 500 W halogen lamps, 500 VA dimmable, wound transformers

To be completed with: Central plate for rotary dimmer inserts, art. no. System M 5670.., 5699..,5399.., System Basis 5723.., System Design 5720.., OCTOCOLOR 5726...
Accessories: Base load, art. no. 542894.
Technical Information: Phase control dimmer (⇒ p. 454); Control of fluorescent lamps and motors (⇒ p. 457)

Version	Art. no.	PU	PG	Info
25-600 VA	**573299**	1/50	8	



Base load

Consists of 4 x 6 watt resistors.
1 set required per dimmer and per power booster in parallel connection (can be replaced by a 25 watt incandescent lamp).

Version	Art. no.	PU	PG	Info
	542894	1/48	8	

Rotary dimmer covers for inserts up to 1000 VA



Central plate for rotary dimmer inserts up to 1000 VA

For System Design.

To be completed with: Dimmer insert, 900 W, for ohmic load, art. no. 572799.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**571744**	1/100	8	
polar white	**571719**	1/100	8	
vanilla	**571782**	1/100	8	
ice blue	**571788**	1/100	8	
light grey	**571729**	1/100	8	
midnight blue	**571778**	1/100	8	
dark brazil	**571715**	1/100	8	
black grey	**571769**	1/100	8	
aluminium	**571760**	1/100	8	
metallic				
varnished antique brass	**571743**	1/100	8	
varnished stainless steel	**571746**	1/100	8	



Central plate for rotary dimmer inserts up to 1000 VA

For OCTOCOLOR.

To be completed with: Dimmer insert, 900 W, for ohmic load, art. no. 572799.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**571544**	1/100	8	
polar white	**571519**	1/100	8	

Rotary dimmer inserts up to 900 VA

- Surface-mounted visible installation possible in conjunction with surface-mounted housing.
- Interference immunity in line with VDE 0639.
- The following applies to all types of dimmers: If the dimmers cannot dissipate sufficient heat (cavity walls, multiple combinations, surface-mounted combinations and built-in dimmers on DIN rails), the maximum specified connected loads may not be exceeded.

Technical Information: Dimmer selection (⇒ p. 450); Dimmer and load types (⇒ p. 451)



Dimmer insert 900 W for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated two-way switch.
(Phase control).

To be completed with: Central plate for rotary dimmer inserts up to 1000 VA, art. no. System Design 5717.., OCTOCOLOR 5715...

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)

Note: Not to be combined with System Basis or System M.

Version	Art. no.	PU	PG	Info
75-900 W/halogen 700 W	**572799**	1/30	8	

Sensor covers and TELE sensor covers

Technical Information: Electronic sensor switch (⇒ p. 446)



Central plate of comfort rotating regulator for universal super dimmer insert

For System M.
Manual operation.
With the rotary knob and four operating surfaces for further functions. The light segments arranged around the rotary knob show the set brightness value.

Functions:

- Switching on and off by pressing or turning the rotary knob
- The dimming speed depends on the rotational speed
- Retrieving/storing two brightness values
- Switching orientation light on/off
- Switching energy saving function on/off (restriction of the max. brightness to 80%)

To be completed with: Universal super dimmer insert, art. no. 577099.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**567844**	1/60	8	
polar white, glossy	**567819**	1/60	8	
active white, glossy	**567825**	1/60	8	
Thermoplastic classy matt				
white	**567744**	1/60	8	
polar white	**567719**	1/60	8	
anthracite	**567714**	1/60	8	
aluminium	**567760**	1/60	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Sensor cover

For System M.
Manual operation.
With short-stroke key.

To be completed with: Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension insert, art. no. 573999.

Technical Information: Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**577644**	1/100	8	
polar white, glossy	**577619**	1/100	8	
active white, glossy	**577625**	1/100	8	
Thermoplastic classy matt				
white	**570144**	1/100	8	
polar white	**570119**	1/100	8	
anthracite	**570114**	1/100	8	
aluminium	**570160**	1/100	8	
Duroplastic, highly scratch-resistant				
white	**570444**	1/100	8	
polar white	**570419**	1/100	8	

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TELE sensor cover

For System M.
Can be manually operated and controlled remotely via IR remote control.
With short-stroke key.

To be completed with: Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension TELE insert, art. no. 573998.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**577944**	1/100	8	
polar white, glossy	**577919**	1/100	8	
active white, glossy	**577925**	1/100	8	
Thermoplastic classy matt				
white	**570344**	1/100	8	
polar white	**570319**	1/100	8	
anthracite	**570314**	1/100	8	
aluminium	**570360**	1/100	8	
Duroplastic, highly scratch-resistant				
white	**571144**	1/100	8	
polar white	**571119**	1/100	8	

Sensor cover

For System Design.
Manual operation.
With short-stroke key.

To be completed with: Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension insert, art. no. 573999.
Technical Information: Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**573744**	1/100	8	
polar white	**573719**	1/100	8	
vanilla	**573782**	1/100	8	
ice blue	**573788**	1/100	8	
light grey	**573729**	1/100	8	
midnight blue	**573778**	1/100	8	
dark brazil	**573715**	1/100	8	
black grey	**573769**	1/100	8	
aluminium	**573760**	1/100	8	
metallic				
antique brass	**573743**	1/100	8	
stainless steel	**573746**	1/100	8	



TELE sensor cover

For System Design.
Can be manually operated and controlled remotely via IR remote control.
With short-stroke key.

To be completed with: Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension TELE insert, art. no. 573998.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**570944**	1/100	8	
polar white	**570919**	1/100	8	
vanilla	**570982**	1/100	8	
ice blue	**570988**	1/100	8	
light grey	**570929**	1/100	8	
midnight blue	**570978**	1/100	8	
dark brazil	**570915**	1/100	8	
black grey	**570969**	1/100	8	
aluminium	**570960**	1/100	8	
metallic				
antique brass	**570943**	1/100	8	
stainless steel	**570946**	1/100	8	



Sensor cover

For System Basis.
Manual operation.

To be completed with: Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension insert, art. no. 573999.
Technical Information: Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
white	**574174**	1/100	8	
polar white	**574198**	1/100	8	



TELE sensor cover

For System Basis.
Can be manually operated and controlled remotely via IR remote control.

To be completed with: Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension TELE insert, art. no. 573998.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
white	**574874**	1/100	8	
polar white	**574819**	1/100	8	

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Sensor cover

For OCTOCOLOR.
Manual operation.

To be completed with: Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension insert, art. no. 573999.
Technical Information: Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**574244**	1/100	8	
polar white	**574219**	1/100	8	
metallic				
bronze metallic	**574242**	1/100	8	
titanium	**574205**	1/100	8	



TELE sensor cover

For OCTOCOLOR.
Can be manually operated and controlled remotely via IR remote control.

To be completed with: Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. Electronic switch insert, art. no. 575799, 574697, 575697. Universal relay insert, art. no. 575897. Extension TELE insert, art. no. 573998.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: Electronic sensor switch (⇒ p. 446)

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**574944**	1/100	8	
polar white	**574919**	1/100	8	
metallic				
bronze metallic	**574942**	1/100	8	
titanium	**574905**	1/100	8	

System M, System Design push-button modules



Push-button module, 2-gang

For System M.
Push-button module without rockers.
The push-button module is inserted onto the 2-gang universal dimmer insert (art. no. 568099), and is used together with the rockers for the 2-gang push-button module in the matching design.

To be completed with: Universal dimmer insert, 2-gang, art. no. 568099. Rockers for 2-gang push-button module, art. no. System M 6192.., 6252...

Version	Art. no.	PU	PG	Info
	568499	1/100	8	



Rockers for 2-gang push-button module

For System M.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System M 568499.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System M 625299.
Accessories: Protective hood for plaster, System M, art. no. 627591...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**619244**	1/150	9	
polar white, glossy	**619219**	1/150	9	
active white, glossy	**619225**	1/150	9	
Thermoplastic classy matt				
white	**625244**	1/150	9	
polar white	**625219**	1/150	9	
anthracite	**625214**	1/150	9	
aluminium	**625260**	1/150	9	



Push-button module, 2-gang

For System Design
Push-button module without rockers.
The push-button module is inserted onto the 2-gang universal dimmer insert (art. no. 568099), and is used together with the rockers for the 2-gang push-button module in the matching design.

To be completed with: Universal dimmer insert, 2-gang, art. no. 568099. Rockers for 2-gang push-button module, art. no. System Design 6262...

Version	Art. no.	PU	PG	Info
	568199	1/100	8	



Rockers for 2-gang push-button module

For System Design.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System Design 568199.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System Design 626299.
Accessories: Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**626244**	1/150	9	
polar white	**626219**	1/150	9	
aluminium	**626260**	1/150	9	
metallic				
varnished stainless steel	**626246**	1/150	9	

Memory super dimmer inserts

- Memory: When the light is switched on, it has the last set brightness level.
- Interference immunity in line with VDE 0639.

Technical Information: Dimmer selection (⇒ p. 450); Dimmer and load types (⇒ p. 451); Sensor cover functions and device overview (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)



Universal super dimmer insert

AC 230 V

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers or electronic transformers.
Phase control or phase alignment
The universal dimmer automatically recognises the connected load. Do not connect any mixed loads.
With memory function, can be switched off.

Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTOCOLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695... Central plate comfort rotating regulator for Universal super dimmer insert, art. no. System M 5678.., 5677... In the CONNECT radio system with the CONNECT sensor cover for dimmer inserts art. No. System M 5036.., 5026..., System Design 5046...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Universal dimmer (⇒ p. 456); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Note: The insert from version 3A only, can be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
25-420 VA	**577099**	1/50	8	



Universal dimmer insert, 2-gang

AC 230 V, 50-60 Hz

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers.
(Phase control or phase alignment).
The universal dimmer automatically recognises the connected load.
Do not connect any mixed loads.
With memory function, can be switched off.

Neutral conductor:not required (2 conductor system)
Nominal power/per channel: 50-200 W/VA

To be completed with: Push-button module, 2-gang, art. no. System M 568499, System Design 568199. Rockers for 2-gang push-button module, art. no. System M 6192.., 6252.., System Design 6262...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Universal dimmer (⇒ p. 456)

Version	Art. no.	PU	PG	Info
2 x 50-200 VA	**568099**	1/50	8	



Memory super dimmer insert for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
(Phase control)
With memory function, can be switched off.

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTOCOLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
60-400 W	**573399**	1/60	8	
60-600 W, halogen 500 W	**577299**	1/60	8	



Memory halogen super dimmer insert for inductive load

AC 230 V

For dimmable, wound transformers and incandescent lamps (inductive/ohmic load).
(Phase control)
With memory function, can be switched off.

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Technical Information: Phase control dimmer (⇒ p. 454); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
20-500 VA	**573599**	1/60	8	



Memory ET super dimmer insert for capacitive load

AC 230 V

For electronic transformers (MET and other brands) and incandescent lamps (ohmic load).
(Phase alignment)
Noise-free, short-circuit-proof, with overload protection, and soft start function to protect the lamps. With memory function, can be switched off.

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With universal relay insert, art. no. 575897, with preset push-button function.
Technical Information: Phase alignment dimmer (⇒ p. 455); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
20-315 W	**577899**	1/60	8	

Electronic switch and push-button inserts

Technical Information: Sensor cover functions and device overview (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)



Electronic switch insert

AC 230 V

For ohmic load such as incandescent lamps, 230 V halogen lamps.

Switching capacity: 25-400 W
Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695... In the radio system with sensor cover with radio receiver, art. no. System M 5931.., System Design 5930...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)
Note: Only the "toggle function" can be realised in conjunction with the radio system. The electronic switch insert, cannot be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
25-400 W	**575799**	1/50	8	



Electronic push-button insert

AC 230 V

Pulse generator for surge switches or protective circuits.
The switching function is determined by the surge switch or protective circuit used.

Connected load: 4-100 VA
Switching current: 10-500 mA
Pulse duration: approx. 40 ms
Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
4-100 VA	**574697**	1/60	8	

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Electronic time switch insert

AC 230 V

For ohmic loads such as incandescent lamps and 230 V halogen lamps.
Fully electronic timer. Time range 5 s - 5 min.

Connected load: 25-400 W
Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTOCOLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
25-400 W	**575697**	1/60	8	



Relay universal insert

AC 230 V

For ohmic, inductive and capacitive loads such as incandescent lamps, energy-saving lamps, LV halogen lighting with conventional transformer, electronic transformers, fluorescent lamps.
Neutral conductor required.
Functions:

- Push-button function: switched on as long as the push-button is touched, max. 1 minute
- Switching function: ON/OFF
- Time function: 5 s to 1 h

Connected load: max. 1000 W/VA,
500 VA for LV halogen lamps with conventional transformer,
max. 140 µF capacitive load

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTOCOLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
max. 1000 W/VA	**575897**	1/50	8	



Electronic switch insert

AC 230 V

For ohmic load such as incandescent lamps, 230 V halogen lamps.

Switching capacity: 40-300 W
Neutral conductor:not required (2 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...

Technical Information: ARGUS flush-mounted overview (⇒ p. 506)

Note: A maximum of two electronic switch inserts may be wired in parallel. The sensor cover with radio receiver for switch inserts, art. no. 5932.., 5933.. can be used from version 1A with the electronic switch insert, art. no. 576799. The insert from version 2A only, can be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
40-300 W	**576799**	1/50	8	



Relay switch insert

AC 230 V

For ohmic and complex loads such as incandescent lamps, fluorescent lamps, energy-saving lamps, LV halogen lighting etc.

Switching capacity: 0-1000 VA
Capacitive load: max. 140 µF
Neutral conductor: required (3 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...

Technical Information: ARGUS flush-mounted overview (⇒ p. 506)

Note: Replace the relay switch insert, art. no. 576899.

Version	Art. no.	PU	PG	Info
0-1000 VA	**576897**	1/50	8	

Extension inserts

Technical Information: Sensor cover functions and device overview (⇒ p. 448)



Extension insert

For memory super, halogen super and TELE dimmer, electronic push-button, time switch, relay switch and MET transformers.
The extension unit **cannot** be controlled remotely.
Operated as with main unit.

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTOCOLOR 5742...
Technical Information: Electronic sensor switch (⇒ p. 448)

Version	Art. no.	PU	PG	Info
	573999	1/60	8	



Extension TELE insert

For memory super, halogen super and TELE dimmer, electronic push-button, time switch, relay switch and MET transformers.
Neutral conductor required.
Can be remote controlled.
Operated as with main unit.

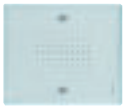
To be completed with: TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
	573998	1/60	8	

TRANCENT glass sensor covers

- Glass sensor covers manufactured using a special technique.
- Function-dependant cover foils available on request.

Technical Information: TRANCENT (⇒ p. 432)



Glass sensor cover, 1-gang

For switching and dimming lighting systems, controlling roller shutters and scenes (KNX).
The glass sensor cover reacts to the lightest of touches. Control electronics evaluate the signal and forward it to the switch, dimming or roller shutter insert or bus coupler.

To be completed with: Control electronics, art. no. 5690.., 623190. TRANCENT frame, 1-gang, art. no. 482160. Switch or super dimmer insert, art. no. 576499, 575799, 574697, 575697, 575897, 573998, 577099, 573399, 577299, 573599, 577899, 690299.
Accessories: Cover foil for glass sensor cover, art. no. 569190.
Contents: With cover foil, 1-gang and screws.

Version	Art. no.	PU	PG	Info
glass				
transparent	**569100**	1/15	1.7	
satinated	**569101**	1/15	1.7	



Glass sensor cover, 2-gang

For switching and dimming lighting systems, controlling roller shutters and scenes (KNX).
The glass sensor cover reacts to the lightest of touches. Control electronics evaluate the signal and forward it to the switch, dimming or roller shutter insert or bus coupler.

To be completed with: Control electronics, art. no. 5690.., 623190. TRANCENT frame, 2-gang, art. no. 482260. Switch or super dimmer insert, art. no. 576499, 575799, 574697, 575697, 575897, 573998, 577099, 573399, 577299, 573599, 577899, 690299.
Accessories: Cover foil for glass sensor cover, art. no. 569290.
Contents: With cover foil, 2-gang and screws.

Version	Art. no.	PU	PG	Info
glass				
transparent	**569200**	1/15	1.7	
satinated	**569201**	1/15	1.7	



Glass sensor cover, 3-gang

For switching and dimming lighting systems, controlling roller shutters and scenes (KNX).
The glass sensor cover reacts to the lightest of touches. Control electronics evaluate the signal and forward it to the switch, dimming or roller shutter insert or bus coupler.

To be completed with: Control electronics, art. no. 5690.., 623190. TRANCENT frame, 3-gang, art. no. 482360. Switch or super dimmer insert, art. no. 576499, 575799, 574697, 575697, 575897, 573998, 577099, 573399, 577299, 573599, 577899, 690299.
Accessories: Cover foil for glass sensor cover, art. no. 569390.
Contents: With cover foil, 3-gang and screws.

Version	Art. no.	PU	PG	Info
glass				
transparent	**569300**	1/15	1.7	
satinated	**569301**	1/15	1.7	



TRANCENT glass sensor cover, 1-gang with glass socket-outlet cover, 1-gang

For switching and dimming lighting systems, controlling roller shutters and scenes (INSTABUS EIB).
The glass sensor cover reacts to the lightest of touches. Control electronics evaluate the signal and forward it to the switch, dimming or roller shutter insert or bus coupler.

To be completed with: Control electronics, art. no. 5690.., 623190. TRANCENT frame, 2-gang, art. no. 482260. Switch or super dimmer insert, art. no. 576499, 575799, 574697, 575697, 575897, 573998, 577099, 573399, 577299, 573599, 577899, 690299. TRANCENT SCHUKO socket-outlet insert, art. no. 230660.
Contents: With cover foil, screw and spacer.

Version	Art. no.	PU	PG	Info
glass				
transparent	**569500**	1/15	1.7	
satinated	**569501**	1/15	1.7	

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TRANCENT control electronics, 1-gang and inserts

Full-surface operation
- Switching
- Switching/dimming

Technical Information: TRANCENT functions and device overview (⇒ p. 433)



Control electronics, 1-gang

For switching or switching/dimming an output. Single-surface operation.
With orientation LED. Operation of the glass cover is acknowledged with a short tone.

To be completed with: Switch insert, art. no. 575799, 574697, 575697, 575897, 573998. Super dimmer insert, art. no. 577099, 573399, 577299, 573599, 577899. TRANCENT glass sensor cover, art. no. 5691.., 5692.., 5693.., 5695...
Technical Information: TRANCENT (⇒ p. 432)

Version	Art. no.	PU	PG	Info
1-gang	**569090**	1/100	8	



Extension TELE insert

For memory super, halogen super and TELE dimmer, electronic push-button, time switch, relay switch and MET transformers.
Neutral conductor required.
Can be remote controlled.
Operated as with main unit.

To be completed with: TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
	573998	1/60	8	



Electronic switch insert

AC 230 V

For ohmic load such as incandescent lamps, 230 V halogen lamps.

Switching capacity: 25-400 W
Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTOCOLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695... In the radio system with sensor cover with radio receiver, art. no. System M 5931.., System Design 5930...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)
Note: Only the "toggle function" can be realised in conjunction with the radio system. The electronic switch insert, cannot be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
25-400 W	**575799**	1/50	8	



Electronic push-button insert

AC 230 V

Pulse generator for surge switches or protective circuits.
The switching function is determined by the surge switch or protective circuit used.

Connected load: 4-100 VA
Switching current: 10-500 mA
Pulse duration: approx. 40 ms
Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTOCOLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
4-100 VA	**574697**	1/60	8	



Electronic time switch insert

AC 230 V

For ohmic loads such as incandescent lamps and 230 V halogen lamps.
Fully electronic timer. Time range 5 s - 5 min.

Connected load: 25-400 W
Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
25-400 W	**575697**	1/60	8	



Relay universal insert

AC 230 V

For ohmic, inductive and capacitive loads such as incandescent lamps, energy-saving lamps, LV halogen lighting with conventional transformer, electronic transformers, fluorescent lamps.
Neutral conductor required.
Functions:

- Push-button function: switched on as long as the push-button is touched, max. 1 minute
- Switching function: ON/OFF
- Time function: 5 s to 1 h

Connected load: max. 1000 W/VA,
500 VA for LV halogen lamps with conventional transformer,
max. 140 µF capacitive load

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
max. 1000 W/VA	**575897**	1/50	8	



Universal super dimmer insert

AC 230 V

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers or electronic transformers.
Phase control or phase alignment
The universal dimmer automatically recognises the connected load. Do not connect any mixed loads.
With memory function, can be switched off.

Neutral conductor: not required (2 conductor system)

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695... Central plate comfort rotating regulator for Universal super dimmer insert, art. no. System M 5678.., 5677... In the CONNECT radio system with the CONNECT sensor cover for dimmer inserts art. No. System M 5036.., 5026..., System Design 5046...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Universal dimmer (⇒ p. 456); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Note: The insert from version 3A only, can be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
25-420 VA	**577099**	1/50	8	



Memory super dimmer insert for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
(Phase control)
With memory function, can be switched off.

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
60-400 W	**573399**	1/60	8	
60-600 W, halogen 500 W	**577299**	1/60	8	

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Memory halogen super dimmer insert for inductive load

AC 230 V

For dimmable, wound transformers and incandescent lamps (inductive/ohmic load).
(Phase control)
With memory function, can be switched off.

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Technical Information: Phase control dimmer (⇒ p. 454); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
20-500 VA	**573599**	1/60	8	



Memory ET super dimmer insert for capacitive load

AC 230 V

For electronic transformers (MET and other brands) and incandescent lamps (ohmic load).
(Phase alignment)
Noise-free, short-circuit-proof, with overload protection, and soft start function to protect the lamps. With memory function, can be switched off.

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTO-COLOR 5742.. or TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTO-COLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...
Extension unit operation: With mechanical push-buttons. With universal relay insert, art. no. 575897, with preset push-button function.
Technical Information: Phase alignment dimmer (⇒ p. 455); Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
20-315 W	**577899**	1/60	8	

Power boosters

Technical Information: Dimmer selection (⇒ p. 450); Dimmer and load types (⇒ p. 451)



Power booster

AC 230 V

For power extension of memory super dimmers, TELE dimmers, incandescent and fluorescent lamp dimmers.
The load must be evenly distributed across dimmers and power boosters.
(Phase control).

To be completed with: Blanking cover, art. no. System M 3916.., 3918.., 3917.., System Basis 3920.., System Design 3919.., OCTO-COLOR 3926...
Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)

Version	Art. no.	PU	PG	Info
25-600 VA	**574099**	1/60	8	



ET power booster for capacitive load

AC 230 V

For power extension of ET dimmers (art. no. 577199) or ET super dimmers (art. no. 577899). The load must be evenly distributed across the ET dimmer and the ET power booster.
(Phase alignment).

To be completed with: Blanking cover, art. no. System M 3916.., 3918.., 3917.., System Basis 3920.., System Design 3919.., OCTO-COLOR 3926...
Technical Information: Phase alignment dimmer (⇒ p. 455)

Version	Art. no.	PU	PG	Info
20-315 W	**577399**	1/60	8	



Built-in power booster

AC 230 V

For power extension of memory super dimmers, TELE dimmers, incandescent and fluorescent lamp dimmers.
The load must be evenly distributed across dimmers and power boosters.
(Phase control).

Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)

Version	Art. no.	PU	PG	Info
25-500 VA, light grey	**574029**	1/50	8	

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DIN rail mounted rotary dimmers

- For installation in the distribution board on 35 mm DIN rail in accordance with DIN EN 50022.
- Device width: 35 mm = 3 modules.
- Interference immunity in line with VDE 0639.

Technical Information: Dimmer selection (⇒ p. 450)



Built-in dimmer for ohmic load

AC 230 V

For incandescent lamps and 230 V halogen lamps.
With pressure-operated two-way switch.
(Phase control).

Accessories: Light attachment for rotary dimmer, art. no. 396476.
Technical Information: Phase control dimmer for ohmic loads (⇒ p. 453)

Version	Art. no.	PU	PG	Info
60-500 W, light grey	**571829**	1/72	8	



Built-in LV halogen dimmer for inductive load

AC 230 V

For dimmable, wound transformers and incandescent lamps (inductive/ohmic load).
With pressure-operated two-way switch.
(Phase control).

Accessories: Light attachment for rotary dimmer, art. no. 396476.
Technical Information: Phase control dimmer (⇒ p. 454)

Version	Art. no.	PU	PG	Info
20-500 VA, light grey	**572529**	1/72	8	



Built-in ET dimmer for capacitive load

AC 230 V

For electronic transformers (MET and other brands) and incandescent lamps (ohmic load).
With pressure-operated two-way switch.
(Phase alignment)
Noise-free, short-circuit-proof, with overload protection, and soft start function to protect the lamps.

Accessories: Light attachment for rotary dimmer, art. no. 396476.
Technical Information: Phase alignment dimmer (⇒ p. 455)

Version	Art. no.	PU	PG	Info
20-280 W, light grey	**577129**	1/50	8	

DIN rail mounted dimmers

Technical Information: Dimmer selection (⇒ p. 450); Dimmer and load types (⇒ p. 451); Lamps/dimmer matrix (⇒ p. 458)



Universal dimmer REG/230/500 W

AC 230 V, 50-60 Hz

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers.
(Phase control or phase alignment).
The universal dimmer automatically recognises the connected load. Combinations of ohmic and inductive, or ohmic and capacitive loads can also be connected. Combinations of inductive and capacitive loads cannot be connected. With short-circuit, open-circuit and excess temperature protection with soft start lamp protection.
Manual operation and extension unit operation.
For installation onto DIN rails EN 50022.
With memory function, can be switched off.

Nominal voltage: AC 220 - 230 V, 50/60 Hz
Nominal power: max. 500 W/VA
20 W minimum load (ohmic)
50 VA minimum load (ohmic/inductive/capacitive)
Input (extension unit operation): AC 230 V, 50/60 Hz (same phase as the dimming channel)
Device width: 4 modules = approx. 72 mm

Extension unit operation: With mechanical push-buttons (make contact). With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Technical Information: Universal dimmer (⇒ p. 456)

Version	Art. no.	PU	PG	Info
light grey	**571950**	1/10	8	



Universal dimmer REG/2x230/300 W

AC 230 V, 50-60 Hz

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers.
(Phase control or phase alignment).
The universal dimmer automatically recognises the connected load. Combinations of ohmic and inductive, or ohmic and capacitive loads can also be connected. Combinations of inductive and capacitive loads cannot be connected. With short-circuit, open-circuit and excess temperature protection with soft start lamp protection.
Manual operation and extension unit operation.
For installation onto DIN rails EN 50022.
With memory function, can be switched off.

Nominal voltage: AC 220 - 230 V, 50/60 Hz
Nominal power/channel: max. 300 W/VA
20 W minimum load (ohmic)
50 VA minimum load (ohmic/inductive/capacitive)
Input (extension unit operation): AC 230 V, 50/60 Hz (same phase as the dimming channel)
Device width: 4 modules = approx. 72 mm

Extension unit operation: With mechanical push-buttons (make contact). With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Technical Information: Universal dimmer (⇒ p. 456)

Version	Art. no.	PU	PG	Info
light grey	**571930**	1/10	8	

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Universal dimmer REG/4x230/ 150 W

AC 230 V, 50-60 Hz

For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers.
(Phase control or phase alignment).
The universal dimmer automatically recognises the connected load. Combinations of ohmic and inductive, or ohmic and capacitive loads can also be connected. Combinations of inductive and capacitive loads cannot be connected. With short-circuit, open-circuit and excess temperature protection with soft start lamp protection.
Manual operation and extension unit operation.
For installation onto DIN rails EN 50022.
With memory function, can be switched off.

Nominal voltage: AC 220 - 230 V, 50/60 Hz
Nominal power/channel: max. 150 W/VA
20 W minimum load (ohmic)
50 VA minimum load (ohmic/inductive/capacitive)
Input (extension unit operation): AC 230 V, 50/60 Hz (same phase as the dimming channel)
Device width: 6 modules = approx. 105 mm

Extension unit operation: With mechanical push-buttons (make contact). With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Technical Information: Universal dimmer (⇒ p. 456)

Version	Art. no.	PU	PG	Info
light grey	**571915**	1/10	8	

DIN rail mounted memory super dimmers

- Memory: When the light is switched on, it has the last set brightness level.
- For installation in the distribution board on 35 mm DIN rail in accordance with DIN EN 50022.
- Device width: 35 mm = 3 modules.
- Interference immunity in line with VDE 0639.

Technical Information: Dimmer selection (⇒ p. 450)



Built-in memory halogen super dimmer for inductive load

AC 230 V

For dimmable, wound transformers and incandescent lamps (inductive/ohmic load).
(Phase control)
With memory function, can be switched off.

Accessories: Light attachment for rotary dimmer, art. no. 396476.
Extension unit operation: With mechanical push-buttons. With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Technical Information: Phase control dimmer (⇒ p. 454)

Version	Art. no.	PU	PG	Info
20-500 VA, light grey	**573529**	1/50	8	



Built-in memory ET super dimmer for capacitive load

AC 230 V

For electronic transformers (MET and other brands) and incandescent lamps (ohmic load).
(Phase alignment)
Noise-free, short-circuit-proof, with overload protection, and soft start function to protect the lamps. With memory function, can be switched off.

Accessories: Light attachment for rotary dimmer, art. no. 396476.
Extension unit operation: With mechanical push-buttons. With universal relay insert, art. no. 575897, with preset push-button function.
Technical Information: Phase alignment dimmer (⇒ p. 455)

Version	Art. no.	PU	PG	Info
20-280 W, light grey	**577829**	1/50	8	

Remote controls

- IR remote controls can be combined with TELE sensor covers from all ranges.



IR remote control Distance 2010

10-channel IR remote control. For the control of all TELE sensor covers, blind push-buttons with IR receiver, presence detectors with IR receiver and KNX devices with IR receivers.

Battery: 2 microcells (IEC LR 03, AAA)
Range: up to 20 m

Receiver: TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTOCOLOR 5749... Blind push-button with IR receiver and sensor connection, art. no. System M 5880.., 5864.., System Basis 5804..,System Design 5844.., OCTOCOLOR 5824... ARGUS Presence with IR receiver, art. no. 550591, 630591. KNX IR receiver flush-mounted art. No. System Design 6235.. KNX multi-function push-button with IR receiver, art. no. 623008 System M 6292.., 6242.., 6274.., 6236.., 6175.., 6279.., System Design 6228.., Plantec 626008, 623008. Push-button, 4-gang plus with IR receiver, art. no. System M 6175.., 6279...
Contents: Without battery.

Version	Art. no.	PU	PG	Info
black	**570222**	1/48	8	

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Electronic transformers/low voltage halogen systems MET B

Technical Information: MET B (⇒ p. 460)



Electronic transformer 105 W

AC 230 V

Dimmable with ET dimmer.
(Phase alignment).
No built-in fuse because short-circuit-proof in secondary circuit. With overload protection, thermal protection, soft start function.

Output voltage: AC 12 V
Protection class: II
Cable length: max. 2 m in secondary circuit (in line with VDE)
Colour: Polar white
Dimensions: 180 x 34 x 49 mm (WxHxD)
Diagonal size: 55 mm

Technical Information: MET B (⇒ p. 460)

Version	Art. no.	PU	PG	Info
35-105 W, polar white	**577796**	1/40	8.1	



Electronic transformer 200 W

AC 230 V

Dimmable with ET dimmer.
(Phase alignment)
No built-in fuse because short-circuit-proof in secondary circuit. With overload protection, soft start function.

Output voltage: AC 12 V
Protection class: II
Cable length: max. 2 m in secondary circuit (in line with VDE)
Colour: Polar white
Dimensions: 213 x 46 x 50 mm (WxHxD)
Diagonal size: 62 mm

Technical Information: MET B (⇒ p. 460)

Version	Art. no.	PU	PG	Info
50-200 W, polar white	**577791**	1/24	8.1	

Electronic transformers/low voltage halogen systems MET D

Technical Information: MET D (⇒ p. 461)



Electronic transformer with integrated dimmer 105 W

AC 230 V

Electronic transformer with integrated phase alignment dimmer.
A power extension is possible with electronic transformers, art. no. 577797, up to approx. 1700 W total connected load (in line with TAB).
No built-in fuse because short-circuit-proof in secondary circuit. With overload protection, thermal protection, soft start function. The memory function can be switched off.

Output voltage: AC 12 V
Protection class: II
Cable length: max. 2 m in secondary circuit (in line with VDE)
Colour: Polar white
Dimensions: 180 x 34 x 49 mm (WxHxD)
Diagonal size: 55 mm

Extension unit operation: With mechanical push-buttons (make contact). With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.

Technical Information: MET D (⇒ p. 461)

Version	Art. no.	PU	PG	Info
35-105 W, polar white	**577798**	1/40	8.1	



Electronic transformer for power extension 105 W

AC 230 V

Electronic transformer, for power extension of MET D transformers with integrated dimmer (art. no. 577798) can be used.
Dimmable with ET dimmer or electronic transformer with integrated dimmer.
No built-in fuse because short-circuit-proof in secondary circuit. With overload protection, thermal protection, soft start function.

Output voltage: AC 12 V
Protection class: II
Cable length: max. 2 m in secondary circuit (in line with VDE)
Colour: Polar white
Dimensions: 180 x 34 x 49 mm (WxHxD)
Diagonal size: 55 mm

Technical Information: MET D (⇒ p. 461)

Version	Art. no.	PU	PG	Info
35-105 W, polar white	**577797**	1/40	8.1	

Control inserts for MET D

Technical Information: MET D (⇒ p. 461)



Rocker button insert

10 A, 250 V AC

With plug-in terminals.

Version	Art. no.	PU	PG	Info
make contact, 1-pole	**315000**	10/100	1	
make contact, 1-pole, with separate signalling contact	**315900**	10/50	1	
two-way, 1-pole	**315901**	10/50	1	



Extension insert

For memory super, halogen super and TELE dimmer, electronic push-button, time switch, relay switch and MET transformers.
The extension unit **cannot** be controlled remotely.
Operated as with main unit.

To be completed with: Sensor cover, art. no. System M 5776.., 5701.., 5704.., System Basis 5741.., System Design 5737.., OCTOCOLOR 5742...

Technical Information: Electronic sensor switch (⇒ p. 448)

Version	Art. no.	PU	PG	Info
	573999	1/60	8	



Extension TELE insert

For memory super, halogen super and TELE dimmer, electronic push-button, time switch, relay switch and MET transformers.
Neutral conductor required.
Can be remote controlled.
Operated as with main unit.

To be completed with: TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTOCOLOR 5749... In the TRANCENT range with control electronics, 1-gang, art. no. 569090 and TRANCENT glass sensor covers, art. no. 5691.., 5692.., 5693.., 5695...

Technical Information: Electronic sensor switch (⇒ p. 448); TRANCENT functions and device overview (⇒ p. 433)

Version	Art. no.	PU	PG	Info
	573998	1/60	8	

Accessories



Surge protection module

AC 230 V, +6 % / -10 %

For electronic transformers MET and ET dimmers.
For protecting the transformer or dimmer during parallel operation of fluorescent lamps and other inductive loads with transformers.
Connection parallel to the input side of the transformer or dimmer. 1 module for max. 10 transformers per circuit is recommended.

Leakage current: (8/20) 4.5 kA (1x), 1 kA (100x)
Residual voltage at discharge current: (1 kA) approx. 1000 V

Version	Art. no.	PU	PG	Info
	552119	1/150	8	



6-gang distribution board

For secondary wiring of LV halogen lighting, with six double plug-in contacts (up to 2.5 mm²) and incoming cable to the secondary side of the transformer.

Input voltage level Ueff ≤ 42 V
Output currents Ieff ≤ 17 A for the input (approx. 200 W at 12 V)
Ieff ≤ 8.5 A per junction box (approx. 100 W at 12 V)

Version	Art. no.	PU	PG	Info
	552019	1/60	8	



Base load

Consists of 4 x 6 watt resistors.
1 set required per dimmer and per power booster in parallel connection (can be replaced by a 25 watt incandescent lamp).

Version	Art. no.	PU	PG	Info
	542894	1/48	8	

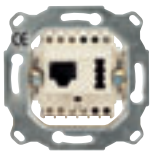
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Line 21

Simultaneous transmission of analogue telephone signals and Ethernet using a single existing telephone line
Technology:
- It is not necessary to install an additional line. The existing telephone sockets are simply replaced with Line 21 sockets. This means that the existing telephone line (4-core) becomes an extended network for two services, analogue telephony and PC networking.

Possible applications include analogue telephony plus:
- Networking all PCs in the house or
- Extension of a DSL link or
- Connecting a digital video recorder in the network or
- Connecting surveillance cameras with networking capability or
- Using printers in a shared network

Technical Information: Line 21 (⇒ p. 480)



Line 21 Combination socket-outlet RJ45/TAE

With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (TAE) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for the connection of additional telephone socket-outlets.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Line 21 Combination socket-outlet RJ45/TAE (⇒ p. 481)

Version	Art. no.	PU	PG	Info
8(6)-6F+N	**465709**	1/60	1	



Line 21 RJ45 insert 8/8

With integrated Line 21 technology.

For connecting an analogue telephone/telecommunications system (RJ45, 8-pole) and a digital network device (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 4 screw terminals for the installation line and 2 for analogue telephony.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: Line 21 RJ45 insert 8/8 (⇒ p. 481)

Version	Art. no.	PU	PG	Info
	465708	1/60	1	



IP20

Line 21 Patch panel REG, 6-gang

With integrated Line 21 technology.

Distribution board for simple changing of jumper cables without altering the wiring. With six lockable RJ45 ports, LSA+ terminal blocks. For installation on DIN rails EN 50022.
For connecting analogue telephones/telecommunications systems and digital network devices (RJ45, 8-pole) such as PC, HUB, router, Merten switch (art. no. 465711) or IC 1 (art. no. 6950.., 6951...)
With 2 LSA+ terminal blocks for the installation line and analogue telephony.

Cable length: max. 50 m
Transmission rate: max. 100 Mbit/s (per installed line)
Type of protection: IP 20
Device width: 6 modules = 108 mm

Accessories: Patch cable RJ45/RJ45, art. no. 465710.
Technical Information: Line 21 Patch panel REG, 6-gang (⇒ p. 481)

Version	Art. no.	PU	PG	Info
light grey	**465714**	1/16	1	



Line 21 Patch cable RJ45/TAE

Cable for connecting Line 21 RJ45 insert (art. no. 465708) and analogue telephones/telecommunications systems.

Length: 35 cm

Version	Art. no.	PU	PG	Info
grey/black	**465713**	1/150	1	

Network components



IP20

Patch panel REG, 6-gang

Distribution board for simple changing of jumper cables without altering the wiring. With six lockable RJ45 ports, LSA+ terminal blocks. For installation on DIN rails EN 50022.

Category: CAT 5e
Type of protection: IP 20
Device width: 6 modules = 108 mm

Accessories: Patch cable RJ45/RJ45, art. no. 465710.

Version	Art. no.	PU	PG	Info
light grey	**465712**	1/16	1	

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IP20

Switch REG, 5-gang

For targeted distribution of data to individual subscribers. The switch supports a data transfer rate of up to 100 Mbps. With five lockable RJ45 ports and integrated power supply unit.
For installation on DIN rails EN 50022.

Supply voltage: AC 230 V
Category: CAT 5e
Display elements: LEDs per port for operating display and service function
Type of protection: IP 20
Device width: 6 modules = 108 mm

Accessories: Patch cable RJ45/RJ45, art. no. 465710.

Version	Art. no.	PU	PG	Info
light grey	**465711**	1/15	1	



Patch cable RJ45/RJ45

Cable for establishing a connection between the patch panel and the switch.

Length: 35 cm

Version	Art. no.	PU	PG	Info
grey	**465710**	10/150	1	

Communications inserts and accessories



Central plate for RJ45 insert, 1-gang

For System Basis.
For RJ45 inserts 8 (Cat 5e), RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with: RJ45 insert 8, art. no. 465720.RJ45 insert 8 Cat 5e, art. no. 465721.

Version	Art. no.	PU	PG	Info
white	**291774**	10/120	1	
polar white	**291719**	10/120	1	



Central plate for RJ45 insert, 1-gang

For System M.
For RJ45 inserts 8 (Cat 5e), RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with: RJ45 insert 8, art. no. 465720.RJ45 insert 8 Cat 5e, art. no. 465721.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**296244**	10/120	1	
polar white, glossy	**296219**	10/120	1	
active white, glossy	**296225**	10/120	1	
Thermoplastic classy matt				
white	**298344**	10/120	1	
polar white	**298319**	10/120	1	
anthracite	**298314**	10/120	1.1	
aluminium	**298360**	10/120	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



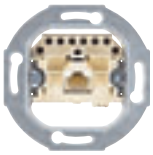
Central plate for RJ45 insert, 1-gang

With labelling field.

For System Design.
For RJ45 inserts 8 (Cat 5e), RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with: RJ45 insert 8, art. no. 465720.RJ45 insert 8 Cat 5e, art. no. 465721.
Accessories: Labelling strips for switches, socket-outlets, art. no. 395019

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**291844**	10/120	1	
polar white	**291819**	10/120	1	
aluminium	**291860**	10/120	1.1	
metallic				
stainless steel	**291846**	10/120	1.1	

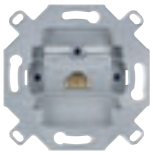


RJ45 insert 8

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962.., 2983.., System Basis 2917.., System Design 2918...

Version	Art. no.	PU	PG	Info
	465720	10/50	1	



RJ45 insert 8 Cat 5e

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 1-gang, art. no. System M 2962.., 2983.., System Basis 2917.., System Design 2918...

Version	Art. no.	PU	PG	Info
	465721	1/50	1	



Central plate for RJ45 insert, 2-gang

For System Basis.
For RJ45 inserts 8/8, 2x8, Line 21 RJ45 insert 8/8, RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with: RJ45 insert 8/8, art. no. 465701.RJ45 insert 2x8, art. no. 465702.RJ45 insert 8/8 Cat 5e, art. no. 465703.RJ45 insert 8/8 Cat 6, art. no. 465706.

Version	Art. no.	PU	PG	Info
white	**292774**	10/120	1	
polar white	**292719**	10/120	1	



Central plate for RJ45 insert, 2-gang

For System M.
For RJ45 inserts 8/8, 2x8, Line 21 RJ45 insert 8/8, RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with:RJ45 insert 8/8, art. no. 465701.RJ45 insert 2x8, art. no. 465702.RJ45 insert 8/8 Cat 5e, art. no. 465703.RJ45 insert 8/8 Cat 6, art. no. 465706.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**296144**	10/120	1	
polar white, glossy	**296119**	10/120	1	
active white, glossy	**296125**	10/120	1	
Thermoplastic classy matt				
white	**298044**	10/120	1	
polar white	**298019**	10/120	1	
anthracite	**298014**	10/120	1.1	
aluminium	**298060**	10/120	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for RJ45 insert, 2-gang

With labelling field.

For System Design.
For RJ45 inserts 8/8, 2x8, Line 21 RJ45 insert 8/8, RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with:RJ45 insert 8/8, art. no. 465701.RJ45 insert 2x8, art. no. 465702.RJ45 insert 8/8 Cat 5e, art. no. 465703.RJ45 insert 8/8 Cat 6, art. no. 465706.
Accessories: Labelling strips for switches, socket-outlets, art. no. 395019

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**292644**	10/120	1	
polar white	**292619**	10/120	1	
vanilla	**292682**	10/120	1.2	
ice blue	**292688**	10/120	1.2	
light grey	**292629**	10/120	1.2	
midnight blue	**292678**	10/120	1.2	
dark brazil	**292615**	10/120	1.2	
black grey	**292669**	10/120	1.2	
aluminium	**292660**	10/120	1.2	
metallic				
antique brass	**292643**	10/120	1.4	
stainless steel	**292646**	10/120	1.2	

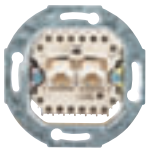


Central plate for RJ45 insert, 2-gang

For OCTOCOLOR.
For RJ45 inserts 8/8, 2x8, Line 21 RJ45 insert 8/8, RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with:RJ45 insert 8/8, art. no. 465701.RJ45 insert 2x8, art. no. 465702.RJ45 insert 8/8 Cat 5e, art. no. 465703.RJ45 insert 8/8 Cat 6, art. no. 465706.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**292044**	10/120	1	
polar white	**292019**	10/120	1	
metallic				
varnished bronze	**292042**	10/120	1.2	
metallic varnished titanium	**292005**	10/120	1.2	

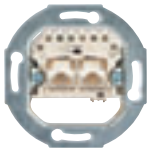


RJ45 insert 8/8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 8/8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465701**	10/40	1	



RJ45 insert 2x8

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors connected in parallel with bus-type cabling.
With screw terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...
Technical Information: RJ45 insert 2x8 (⇒ p. 483)

Version	Art. no.	PU	PG	Info
white	**465702**	10/40	1	



RJ45 insert 8/8 Cat 5e

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465703**	1/50	1	



RJ45 insert 8/8 Cat 6

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors.
Connection via LSA terminals.

To be completed with: Central plate for RJ45 insert, 2-gang, art. no. System M 2961.., 2980.., System Basis 2927.., System Design 2926.., or OCTOCOLOR 2920...

Version	Art. no.	PU	PG	Info
white	**465706**	1/50	1	



Central plate for telephone socket-outlet TAE

For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.

Version	Art. no.	PU	PG	Info
white	**292874**	5/150	1	
polar white	**292819**	5/150	1	

Central plate for telephone socket-outlet TAE

For System M.
For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**296044**	5/150	1	
polar white, glossy	**296019**	5/150	1	
active white, glossy	**296025**	5/150	1	
Thermoplastic classy matt				
white	**297944**	5/150	1	
polar white	**297919**	5/150	1	
anthracite	**297914**	5/150	1.1	
aluminium	**297960**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for telephone socket-outlet TAE

For System Design.
For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.
Accessories: Labelling strips for switches, socket-outlets, art. no. 395019

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**297844**	1/150	1	
polar white	**297819**	1/150	1	
vanilla	**297882**	1/150	1.2	
ice blue	**297888**	1/150	1.2	
light grey	**297829**	1/150	1.2	
midnight blue	**297878**	1/150	1.2	
dark brazil	**297815**	1/150	1.2	
black grey	**297869**	1/150	1.2	
aluminium	**297860**	1/150	1.2	
metallic				
antique brass	**297843**	1/150	1.4	
stainless steel	**297846**	1/150	1.2	

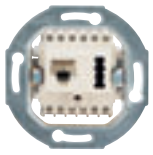


Central plate for telephone socket-outlet TAE

For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**293844**	1/150	1	
polar white	**293819**	1/150	1	
metallic				
bronze metallic	**293842**	1/150	1.2	
titanium	**293805**	1/150	1.2	



Combination socket-outlet RJ45/ TAE (Cat 3)

For connecting a telephone and an analogue or digital terminal unit via the 8-pole RJ45 connector. With screw terminals.

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Basis 2928.., System Design 2978.., OCTOCOLOR 2938...
Technical Information: Combination socket-outlet RJ45/TAE (Cat 3) (⇒ p. 483)

Version	Art. no.	PU	PG	Info
8(6)-6F+N, white	**465707**	1/60	1	



Central plate for RJ 11/RJ 45 insert, 1-gang

For System Basis.
For Lexcom modules.

Version	Art. no.	PU	PG	Info
polar white	**292219**	5/150	1	



Central plate for RJ 11/RJ 45 insert, 1-gang

For System M.
For Lexcom modules.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**291519**	5/150	1	
active white, glossy	**291525**	5/150	1	
Thermoplastic classy matt				
polar white	**291119**	5/150	1	
anthracite	**291114**	5/150	1.1	
aluminium	**291160**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Central plate for RJ 11/RJ 45 insert, 2-gang

For System Basis.
For Lexcom modules.

Version	Art. no.	PU	PG	Info
polar white	**291919**	5/150	1	



Central plate for RJ 11/RJ 45 insert, 2-gang

For System M.
For Lexcom modules.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**291619**	5/150	1	
active white, glossy	**291625**	5/150	1	
Thermoplastic classy matt				
polar white	**291219**	5/150	1	
anthracite	**291214**	5/150	1.1	
aluminium	**291260**	5/150	1.1	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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ARGUS MOVEMENT DETECTOR SYSTEM | ARGUS PRESENCE DETECTORS
SYSTEMATIC ENERGY SAVINGS



ARGUS outside movement detector

The sophisticated technology with an angle of detection of up to 360 degrees, the option of convenient radio networking, quick assembly and easy setting make Merten's outdoor movement detector system indispensable for all-round surveillance. Ideal for house fronts, warehouses, sheds, underground garages, entrances and staircases, to name a few examples.

ARGUS flush-mounted movement detectors

ARGUS indoor movement detectors ensure that your customers are never left in the dark or have to search for the light switch. The light automatically switches on when a person comes within the detection range of the indoor movement detector. This not only means more convenience and safety but also saves energy, particularly in halls, lobbies, staircases, cellar corridors and infrequently used rooms.

The new ARGUS 180/2.20 m flush-mounted indoor movement detector in System M design is suitable for installation at a height of 2.20 m. It also offers anti-crawl protection, a greater range and segments to limit the area of detection.

ARGUS presence detector

Increasing energy costs and growing awareness of the environment in modern buildings management now mean that more innovative solutions for efficient energy use are required than ever before. You can count on the ARGUS presence detectors from Merten. Thanks to the useful individual room control of lighting, heating or ventilation, you can reduce heating and electricity costs by up to 70%. Any unnecessary energy consumption in offices, classrooms, long corridors or entrance areas is avoided.

GOOD DESIGN reddot Designpreis der Bundesrepublik Deutschland 2002 *Anerkennung* DESIGN PLUS

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CONTENTS



ARGUS surface-mounted movement detectors



NEW

ARGUS 180/2.20m, flush mounted movement detector



ARGUS presence detector

324 ARGUS SURFACE-MOUNTED MOVEMENT DETECTORS

324 ARGUS movement detector system
328 ARGUS surface-mounted movement detectors
330 Accessories

331 ARGUS FLUSH-MOUNTED MOVEMENT DETECTORS

331 Sensors
333 Flush-mounted inserts
334 ARGUS flush-mounted movement detectors, waterproof
334 ARGUS flush-mounted movement detectors, KNX

336 ARGUS PRESENCE DETECTORS

336 ARGUS Presence system
337 ARGUS Presence
338 KNX ARGUS Presence
339 Accessories

ARGUS SMOKE DETECTOR SYSTEM | ARGUS LIGHT-SENSITIVE SWITCHES

SAFETY, SECURITY AND COMFORT



ARGUS smoke detector system

Do you need smoke detectors in every room? In general, yes. However, you should differentiate between minimum protection and optimum protection. As a rule of thumb, the following applies for minimum protection: one smoke detector for each floor in the corridor and in the bedrooms. One installed on the ceiling in each room. Depending on your individual living situation, you can provide optimum protection by installing several ARGUS smoke detectors and ideally, networking them. Safety from cellar to attic.

The life-saving advantages of smoke detectors have led the first federal states in Germany to introduce a regulation obliging residents to install a smoke detector in their private home. With the latest generation of the tried and tested ARGUS smoke detector system, Merten offers you uncompromised brand quality and a wide range of smoke detectors for different requirements. All ARGUS smoke detectors share the following features: VdS-certified safety, the flat design and attractive colour variants.

VdS

ARGUS light-sensitive switches

ARGUS light-sensitive switches ensure reliable outdoor lighting and reduce costs.

The ARGUS light-sensitive time switch allows you to be particularly energy-efficient, wherever you need light to be maintained for a certain period of time. For example: on company premises, in car parks and petrol stations, in front of galleries and shop windows or for path lighting.

CONTENTS



NEW

ARGUS smoke detector Basic Longlife



NEW

ARGUS smoke detector Connect



ARGUS light-sensitive switches

340 ARGUS LIGHT-SENSITIVE SWITCHES

340 ARGUS light-sensitive time switch
340 ARGUS light-sensitive switches
341 Accessories

342 ARGUS SMOKE DETECTORS

342 ARGUS smoke detector

Technical Information: ARGUS movement detector (⇒ p. 490)

ARGUS movement detector system

The movement detector system for outdoor areas.

- **Connect/Timer/Connect 12 V:**
- Movement detectors with integrated interface for plug-in radio module for functional extension.
- 220° surface monitoring for larger house fronts.
- **Basic:**
- The basic movement detector with 110° or 220° surface monitoring for small or large house fronts.
- **Common features:**
- 360° short-range zone with a radius of approx. 4 m.
- Very easy installation thanks to large wiring compartment and plug-in connection system.
- Looping through is possible.
- Integrated LED function display for alignment at installation site.
- Potentiometers for adjustment are protected under the easily accessible cover plate.
- Can be installed on walls and ceilings without additional accessories.
- Can be mounted on inner/outer corners and stationary pipes with installation bracket, art. no. 5652...
- The area of detection can be adjusted to local conditions with the aid of the spherical head which can be adjusted horizontally, vertically and axially.
- The design is independent of the position of the sensor head.
- Possible to blank out individual lens areas.

Technical Information: ARGUS 220 Connect/Timer (⇒ p. 491)



IP55

ARGUS 220 Connect

Electronic outdoor movement detector. With an integrated interface for extension with a radio module (wireless connection of several devices). Potentiometers for setting functions are located underneath the cover plate.

Functions:
The following functions are possible via radio with an integrated radio module: Permanent ON, Permanent OFF and AUTOMATIC.

Mains voltage: AC 230 V, ± 10 %, 50 Hz
Incandescent lamps: AC 230 V, max. 2000 W
Halogen lamps: AC 230 V, max. 2000 W
Fluorescent lamps: AC 230 V, 1200 W uncompensated
Capacitive load: max. 35 µF
Max. switching current: 16 A, AC 230 V, cosφ = 1
Angle of detection: 220°
Range: max. 16 m
Number of levels: 7
Number of zones: 112 with 448 switching segments
Light sensor: infinitely adjustable from 3-1000 lux
Time: 1 sec. to approx. 8 min. in 6 levels
Sensitivity: infinitely adjustable
Neutral conductor: required
Possible to set the sensor head
Wall mounting: 9° up, 24° down, 12° left/right, ± 12° axial
Ceiling mounting: 4° up, 29° down, 25° left/right, ± 8.5° axial
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC
Type of protection: IP 55

Accessories: Radio module for ARGUS 220 movement detector, art. no. 565495. Mounting bracket, art. no. 565291/92/93. Capacitor, art. no. 542895.

Technical Information: ARGUS 220 Connect/Timer (⇒ p. 491)

Contents: With cover plate and segments to limit the area of detection, screws and plugs.

Version	Art. no.	PU	PG	Info
polar white	**565419**	1/12	8	
dark brazil	**565415**	1/6	8	
aluminium	**565469**	1/6	8	

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IP55

ARGUS 220 Timer

Electronic outdoor movement detector. With integrated light-sensitive time switch and interface for extension with a radio module (wireless connection of several devices).
Potentiometers for setting functions are located underneath the cover plate.

Functions:

- Semi-automatic function: In the evening, when the ambient light level falls to the set twilight threshold, the lighting will be switched on, then switched off again at the set time (e.g. 23:00). After this, the normal movement detector function is active.
- Automatic function: like the semi-automatic function. In the morning, the lighting is switched on again at the pre-set time (e.g. 5.00 a.m.) and switched off when the twilight threshold is reached. In between, the normal movement detector function is active.
- Automatic time switch function: In the evening and the morning, the switch provides a brightness-dependent timer function (disabled under ARGUS), in between these times it provides the normal movement detector function.
- Semi-automatic time switch function: In the evening the switch provides a brightness-dependent timer function (disabled under ARGUS), after that it provides the normal movement detector function.
- Pure movement detector function

The following functions are possible via radio with an integrated radio module: Permanent ON, Permanent OFF, AUTOMATIC and SET (Teaching in current twilight value. No manual adjustment possible).

Mains voltage: AC 230 V, ± 10 %, 50 Hz
Incandescent lamps: AC 230 V, max. 2000 W
Halogen lamps: AC 230 V, max. 2000 W
Fluorescent lamps: AC 230 V, 1200 W uncompensated
Capacitive load: max. 35 µF
Max. switching current: 16 A, AC 230 V, cosφ = 1
Angle of detection: 220°
Range: max. 16 m
Number of levels: 7
Number of zones: 112 with 448 switching segments
Light sensor: infinitely adjustable from 3-1000 lux
Time: 1 sec. to approx. 8 min. in 6 levels
Sensitivity: infinitely adjustable
Neutral conductor: required
Possible to set the sensor head
Wall mounting: 9° up, 24° down, 12° left/right, ± 12° axial
Ceiling mounting: 4° up, 29° down, 25° left/right, ± 8.5° axial
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC
Type of protection: IP 55

Accessories: Radio module for ARGUS 220 movement detector, art. no. 565495. Mounting bracket, art. no. 565291/92/93. Capacitor, art. no. 542895.
Technical Information: ARGUS 220 Connect/Timer (⇒ p. 491)
Contents: With cover plate and segments to limit the area of detection, screws and plugs.

Version	Art. no.	PU	PG	Info
polar white	**565619**	1/6	8	
dark brazil	**565615**	1/6	8	
aluminium	**565669**	1/6	8	



IP55

ARGUS 220 for 12 V Connect

12 V version of the electronic outdoor movement detector. With an integrated interface for extension with a radio module (wireless connection of several devices).
Potentiometers for setting functions are located underneath the cover plate.

Functions:
The following functions are possible via radio with an integrated radio module: Permanent ON, Permanent OFF and AUTOMATIC.

Supply voltage: DC 12 V
Switch contact: floating
Max. switching current: 5 A, DC 12 V
5 A, AC 230 V, cosφ = 1
Power consumption: <1 W
Angle of detection: 220°
Range: max. 16 m
Number of levels: 7
Number of zones: 112 with 448 switching segments
Light sensor: infinitely adjustable from 3-1000 lux
Time: 1 sec. to approx. 8 min. in 6 levels
Sensitivity: infinitely adjustable
Possible to set the sensor head
Wall mounting: 9° up, 24° down, 12° left/right, ± 12° axial
Ceiling mounting: 4° up, 29° down, 25° left/right, ± 8.5° axial
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC
Type of protection: IP 55

Accessories: Radio module for ARGUS 220 movement detector, art. no. 565495. Mounting bracket, art. no. 565291/92/93. Capacitor, art. no. 542895.
Technical Information: ARGUS 220 Connect/Timer (⇒ p. 491)
Dark brazil and aluminium are available on request.
Contents: With cover plate and segments to limit the area of detection, screws and plugs.

Version	Art. no.	PU	PG	Info
polar white	**565426**	1/6	8	



IP55

INSTABUS ARGUS 220 Connect

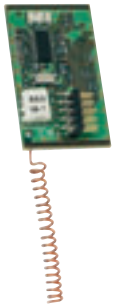
KNX movement detector for outdoors. Potentiometers for setting functions are located underneath the cover plate. With integrated bus coupler. A programming magnet is necessary to program the physical address.

KNX software functions:
The function of a staircase timer can be configured with an OFF delay of one second to 152 hours. It can also be switched or blocked by the bus. The switch threshold of the light-sensitive switch can be configured with a potentiometer. The status of the light-sensitive switch can be issued as a telegram on the bus. Cyclical transmission of the detected movement can be programmed. Up to 4 functions can be activated simultaneously when a movement is detected.

Angle of detection: 220°
Range: max. 16 m
Number of levels: 7
Number of zones: 112 with 448 switching segments
Light sensor: infinitely adjustable from 3-1000 lux
Time: can be set externally from 1 sec. to approx. 8 min. in 6 levels or via ETS from approx. 3 sec. to approx. 152 hours.
Sensitivity: infinitely adjustable
Possible to set the sensor head
Wall mounting: 9° up, 24° down, 12° left/right, ± 12° axial
Ceiling mounting: 4° up, 29° down, 25° left/right, ± 8.5° axial
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC
Type of protection: IP 55

Accessories: Mounting bracket, art. no. 565291/92/93. Programming magnet for valve drive EMO, art. no. 639190.
Technical Information: ARGUS 220 Connect/Timer (⇒ p. 491)
Contents: With cover plate and segments to limit the area of detection, screws and plugs.

Version	Art. no.	PU	PG	Info
polar white	**631519**	1/12	9	
dark brazil	**631515**	1/6	9	
aluminium	**631569**	1/6	9	



Radio module for ARGUS 220 movement detector

For the wireless networking of several ARGUS 220 Connect or ARGUS 220 Timer devices. A registered movement is sent to all taught-in movement detectors or receivers via the radio module. With integrated transmitter and receiver.
The radio module can be retrofitted into the movement detector.

Functions:
The radio module supports the functions permanent ON, permanent OFF, AUTOMATIC and SET (ARGUS 220 Timer only). The ARGUS uses the current twilight threshold for switching on in the SET function.

Radio frequency 868 MHz
Type of transmission: FSK, Frequency Shift Keying, bi-directional, with integrated transmitter and receiver
Range: up to 100 m (free field)
up to 30 m (building)

To be completed with: ARGUS 220 Connect art. no. 5654...
ARGUS 220 Timer, art. no. 5656...
Transmitter: Radio push-button, 2-gang for ARGUS, art. no. System Design 592290. Radio remote control Distance 5010, art. no. 590722. Radio push-button, 1-gang, art. no. System M 5941.., System Design 5921... Radio push-button, 2-gang, art. no. System M 5922.., System Design 5942... Universal radio transmitter, flush-mounted, 4-gang, art. no. 592599. Radio module for ARGUS 220 movement detector, art. no. 565495. Radio repeater, art. no. 595959. INSTABUS radio gateway, flush-mounted, art. no. 680999.
Receiver: Sensor cover with radio receiver, art. no. System M 5931.., System Design 5930... Sensor cover with radio receiver for relay switch insert, art. no. System M 5932.., System Design 5933... Blind push-button with radio receiver and sensor connection, art.no. System M 5936.., System Design 5935... Plug adapter with radio receiver, art. no. 591019, 591519. Radio receiver, flush-mounted, 1-gang, art. no. 592591. Radio module for ARGUS 220 movement detector, art. no. 565495. Radio repeater, art. no. 595959. INSTABUS radio gateway, flush-mounted, art. no. 680999.

Version	Art. no.	PU	PG	Info
Radio module	**565495**	1/24	8	

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Radio push-button for ARGUS, 2-gang, battery-powered

For System Design.
Battery-powered radio transmitter with 4 pre-programmed channels. For controlling the ARGUS 220 Connect or ARGUS 220 Timer movement detectors, with built-in radio module.
High installation flexibility due to flat design. A flush-mounted socket-outlet is not necessary. The push-button is suitable for sticking onto walls or glass, screwing onto walls or flush-mounted outlets as well as installing in a multiple combination.

Functions:
The push-button controls the functions permanent ON, permanent OFF, AUTOMATIC and SET (ARGUS 220 Timer only). The ARGUS uses the current twilight threshold for switching on in the SET function.

Channels: 4
Range: up to 100 m (free field)
up to 30 m (building)
Battery: 1 lithium button cell (CR 2450)
Display elements: LED for transmission confirmation
Type of protection: IP 20

Receiver: Radio module for ARGUS 220 movement detector, art. no. 565495. Radio repeater, art. no. 595959.
Contents: Battery, retaining plate, double-sided adhesive strips, single-sided adhesive strips (aluminium-coloured), screws, dowels.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white	**592290**	1/40	8	



IP55

ARGUS 110 Basic

Electronic outdoor movement detector. 110° surface monitoring for smaller house fronts and sections of the house.
Under the cover plate there are potentiometers for setting the brightness and time.

Mains voltage: AC 230 V, ± 10 %, 50 Hz
Incandescent lamps: AC 230 V, max. 2000 W
Halogen lamps: AC 230 V, max. 1200 W
Fluorescent lamps: AC 230 V, 1200 W uncompensated
Capacitive load: max. 35 µF
Max. switching current: 16 A, AC 230 V, cosφ = 1
Angle of detection: 110°
Range: max. 12 m
Number of levels: 7
Number of zones: 92 with 368 switching segments
Light sensor: infinitely adjustable from 3-1000 lux
Time: 1 sec. to approx. 8 min. in 6 levels
Neutral conductor: required
Possible to set the sensor head
Wall mounting: 9° up, 24° down, 12° left/right, ± 12° axial
Ceiling mounting: 4° up, 29° down, 25° left/right, ± 8.5° axial
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC
Type of protection: IP 55

Accessories: Mounting bracket, art. no. 565291/92/93. Capacitor, art. no. 542895.
Technical Information: ARGUS 110/220 Basic (⇒ p. 494)
Contents: With cover plate and segments to limit the area of detection, screws and plugs.

Version	Art. no.	PU	PG	Info
polar white	**565119**	1/6	8	



IP55

ARGUS 220 Basic

Electronic outdoor movement detector. 220° surface monitoring for large house fronts and sections of the house.
Under the cover plate there are potentiometers for setting the brightness and time.

Mains voltage: AC 230 V, ± 10 %, 50 Hz
Incandescent lamps: AC 230 V, max. 2000 W
Halogen lamps: AC 230 V, max. 1200 W
Fluorescent lamps: AC 230 V, 1200 W uncompensated
Capacitive load: max. 35 µF
Max. switching current: 16 A, AC 230 V, cosφ = 1
Angle of detection: 220°
Range: max. 12 m
Number of levels: 7
Number of zones: 112 with 448 switching segments
Light sensor: infinitely adjustable from 3-1000 lux
Time: 1 sec. to approx. 8 min. in 6 levels
Neutral conductor: required
Possible to set the sensor head
Wall mounting: 9° up, 24° down, 12° left/right, ± 12° axial
Ceiling mounting: 4° up, 29° down, 25° left/right, ± 8.5° axial
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC
Type of protection: IP 55

Accessories: Mounting bracket, art. no. 565291/92/93. Capacitor, art. no. 542895.
Technical Information: ARGUS 110/220 Basic (⇒ p. 494)
Contents: With cover plate and segments to limit the area of detection, screws and plugs.

Version	Art. no.	PU	PG	Info
polar white	**565219**	1/12	8	



Mounting bracket

Installation bracket for attaching the ARGUS 110/220 Basic, Timer or Connect to outer or inner corners. Can also be secured to fixed pipes (VDE 0100) with conventional conduit clips.

To be completed with: ARGUS 110/220 Basic, art. no. 565119, 565219. ARGUS 220 Connect art. no. 5654... ARGUS 220 Timer, art. no. 5656... INSTABUS ARGUS 220 Connect art. no. 5315...
Technical Information: ARGUS movement detector (⇒ p. 492)
Contents: With screws and plugs. Without conduit clip.

Version	Art. no.	PU	PG	Info
polar white	**565291**	1/21	8	
black grey	**565293**	1/21	8	
dark brazil	**565292**	1/21	8	

ARGUS surface-mounted movement detectors

The movement detectors for outdoors.

Technical Information: Functional principle (⇒ p. 490)



IP44

ARGUS 70

Electronic outdoor movement detector. 70° surface monitoring for smaller areas such as gateways, entrances or staircases.

Mains voltage: AC 230 V ±10 %, 50 Hz
Connected load: up to 500 VA
Max. switching current: 2 A, AC 230 V, cosφ = 0,6
Halogen lamps: AC 230 V, up to 300 W
Capacitive load: max. 21 µF
Power consumption: < 1 W
Number of levels: 4
Number of zones: 26 with 104 switching segments
Area of detection: 70° surface monitoring, approx. 7x8 m
Light sensor: infinitely adjustable from 3-1000 lux
Range: approx. 7 m
Time: 1 sec. to approx. 8 min. in 6 steps
Ambient temperature: -25 °C to +55 °C
Neutral conductor: required
Type of protection: IP 44

Accessories: Capacitor, art. no. 542895.
Technical Information: ARGUS 70 (⇒ p. 496)

Version	Art. no.	PU	PG	Info
polar white	**545719**	1/20	8	
dark brazil	**545715**	1/20	8	

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IP55

ARGUS 300

Electronic outdoor movement detector.
300° surface monitoring for mounting on house corners in order to secure the area of two house walls. 360° short-range zone with a radius of approx. 4 m.
The plug-in system and the enlarged wiring compartment facilitate simple and convenient installation.
The range of the area of detection can be adjusted in sectors with three selectively adjustable 100° sectors. This makes it possible to compensate for a site that slopes upwards or downwards.
Function bar for configuring brightness, time and sensitivity (range). The integrated function display allows the ARGUS to be aligned quickly and easily at the installation site. The universal housing allows these detectors to be mounted on house corners without requiring additional accessories.
The area of detection can be optimally adapted to prevailing on-site conditions with the aid of the spherical head which can be adjusted horizontally, vertically and axially. To prevent obstacles such as downpipes from blanking the area of detection, ARGUS 300 can be installed with an extension.

Mains voltage: AC 230 V, ± 10 %, 50 Hz
Incandescent lamps: max. 3000 W
Halogen lamps: AC 230 V, max. 2500 W
Capacitive load: max. 140 µF
Max. switching current: 16 A, AC 230 V, cosφ = 0,6
Power consumption: <1 W
Angle of detection: 300°
Range: max. 16 m
Number of levels: 7
Number of zones: 123 with 492 switching segments
Light sensor: infinitely externally adjustable
Art. no. 564319 approx. 3-1000 lux
Art. no. 564315 approx. 5-1000 lux
Time: externally adjustable in 6 levels of approx. 1 sec. to approx. 8 min.
Neutral conductor: required
Possible to adjust the sensor head: Horizontal rotation to the left and right by 30°. Swivelling of the sensor head to the right or left by 45°.
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC
Type of protection: IP 55

Accessories: Extension, art. no. 554395/99. Capacitor, art. no. 542895.
Technical Information: ARGUS 300 (⇒ p. 498)
Contents: With 2 blanking inserts to limit the area of detection, unlocking clamp, screws and plugs.

Version	Art. no.	PU	PG	Info
polar white	**564319**	1/3	8	
dark brazil	**564315**	1/3	8	



Extension

The extension between wall bracket and sensor head can be installed for the ARGUS 300 in order to increase the distance between the movement detector and the wall.
Obstacles such as downpipes, which blank the area of detection if mounted on corners, can be prevented.

Length: 11.5 cm

To be completed with: ARGUS 300, art. no. 564315/19.
Technical Information: ARGUS 300 (⇒ p. 498)

Version	Art. no.	PU	PG	Info
polar white	**554399**	1/40	8	
dark brazil	**554395**	1/40	8	



IP55

ARGUS 360

Electronic movement detector for outdoor ceiling mounting.
360° surface monitoring over a length of 30 m and a width of 20 m.
Function bar to set brightness and time. With integrated function display.

Mains voltage: AC 230 V, ± 10 %, 50 Hz
Incandescent lamps: max. 3000 W
Halogen lamps: AC 230 V, max. 2500 W
Capacitive load: max. 140 µF
Max. switching current: 16 A, AC 230 V, cosφ = 0,6
Power consumption: < 1 W
Angle of detection: 360°
Range: max. 16 m
Number of levels: 7
Number of zones: 124 with 496 switching segments
Light sensor: infinitely adjustable
Art. no. 564419 approx. 3-1000 lux
Art. no. 564415 approx. 5-1000 lux
Time: adjustable in 6 levels of approx. 1 sec. to approx. 8 min.
Neutral conductor: required
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC
Type of protection: IP 55

Accessories: Capacitor, art. no. 542895.
Technical Information: ARGUS 360 (⇒ p. 499)
Contents: With screws and plugs.

Version	Art. no.	PU	PG	Info
polar white	**564419**	1/6	8	
dark brazil	**564415**	1/6	8	

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Accessories



Capacitor

AC 230 V, 0.33 µF

For use in push-button circuits to prevent flickering of the neon lamp and/or instantaneous switching of the installation relay when several push-buttons with neon lamps are in use.
For interference suppression of inductive loads, e.g. relays, contactors, fluorescent lamps, transformers, if the induction voltage of these devices leads to the retriggering of the ARGUS.

Version	Art. no.	PU	PG	Info
AC 230 V, 0.33 µF	**542895**	10/450	8	

Technical Information: ARGUS 180, flush-mounted (⇒ p. 505)

Sensors



ARGUS 180 flush-mounted sensor module

For System Basis.
Indoor movement detector.

Area of detection: 180°
Number of levels: 1
Number of zones: 14
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

To be completed with: Electronic switch insert, art. no. 576799. Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Supersedes art. no. 5799 ..

Version	Art. no.	PU	PG	Info
white	**578274**	1/60	8	
polar white	**578219**	1/60	8	



ARGUS 180 flush-mounted sensor module with switch

For System Basis.
Indoor movement detector.
With integrated switch for off/automatic/on.

Area of detection: 180°
Number of levels: 1
Number of zones: 14
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

To be completed with: Electronic switch insert, art. no. 576799. Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Supersedes art. no. 5798 ..

Version	Art. no.	PU	PG	Info
white	**578374**	1/60	8	
polar white	**578319**	1/60	8	



ARGUS 180 / 2.20 m flush-mounted sensor module

For System M.
Indoor movement detector with anti-crawl protection.

Area of detection: 180°
Number of levels: 6
Number of zones: 46
Range: 8 m right/left, 12 m to the front
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable from approx. 5 to approx. 1000 lux
Time: adjustable in steps from 1 s to 8 mins
Mounting height: 2.2 m or 1.1 m with half the range

To be completed with: Electronic switch insert, art. no. 576799. Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Contents: With cover segments to limit the area of detection.
Availability: Available August 2006.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**568844**	1/40	8	
polar white, glossy	**568819**	1/40	8	
active white, glossy	**568825**	1/40	8	
Thermoplastic classy matt				
white	**568744**	1/40	8	
polar white	**568719**	1/40	8	
anthracite	**568714**	1/40	8	
aluminium	**568760**	1/40	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



ARGUS 180 flush-mounted sensor module

For System M.
Indoor movement detector.

Area of detection: 180°
Number of levels: 1
Number of zones: 14
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

To be completed with: Electronic switch insert, art. no. 576799. Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Supersedes art. no. 5752 ..

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**575544**	1/60	8	
polar white, glossy	**575519**	1/60	8	
active white, glossy	**575525**	1/60	8	
Thermoplastic classy matt				
white	**578444**	1/60	8	
polar white	**578419**	1/60	8	
anthracite	**578414**	1/60	8	
aluminium	**578460**	1/60	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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ARGUS 180 flush-mounted sensor module with switch

For System M.
Indoor movement detector.
With integrated switch for off/automatic/on.

Area of detection: 180°
Number of levels: 1
Number of zones: 14
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

To be completed with: Electronic switch insert, art. no. 576799.
Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Supersedes art. no. 5759 ..

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**572844**	1/60	8	
polar white, glossy	**572819**	1/60	8	
active white, glossy	**572825**	1/60	8	
Thermoplastic classy matt				
white	**578544**	1/60	8	
polar white	**578519**	1/60	8	
anthracite	**578514**	1/60	8	
aluminium	**578560**	1/60	8	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



ARGUS 180 flush-mounted sensor module

For System Design.
Indoor movement detector.

Area of detection: 180°
Number of levels: 1
Number of zones: 14
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

To be completed with: Electronic switch insert, art. no. 576799.
Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Antique brass on request.
Note: Supersedes art. no. 5787 ..

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**578644**	1/60	8	
polar white	**578619**	1/60	8	
vanilla	**578682**	1/60	8	
ice blue	**578688**	1/60	8	
light grey	**578629**	1/60	8	
midnight blue	**578678**	1/60	8	
dark brazil	**578615**	1/60	8	
black grey	**578669**	1/60	8	
aluminium	**578660**	1/60	8	
metallic				
varnished stainless steel	**578646**	1/60	8	



ARGUS 180 flush-mounted sensor module with switch

For System Design.
Indoor movement detector.
With integrated switch for off/automatic/on.

Area of detection: 180°
Number of levels: 1
Number of zones: 14
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

To be completed with: Electronic switch insert, art. no. 576799.
Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Supersedes art. no. 5792 ..

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**579544**	1/60	8	
polar white	**579519**	1/60	8	
vanilla	**579582**	1/60	8	
ice blue	**579588**	1/60	8	
light grey	**579529**	1/60	8	
midnight blue	**579578**	1/60	8	
dark brazil	**579515**	1/60	8	
black grey	**579569**	1/60	8	
aluminium	**579560**	1/60	8	
metallic				
varnished stainless steel	**579546**	1/60	8	



ARGUS 180 flush-mounted sensor module

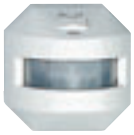
For OCTOCOLOR.
Indoor movement detector.

Area of detection: 180°
Number of levels: 1
Number of zones: 12
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

To be completed with: Electronic switch insert, art. no. 576799.
Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Supersedes art. no. 5794 ..

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**575344**	1/60	8	
polar white	**575319**	1/60	8	
metallic				
varnished bronze metallic	**575342**	1/60	8	
varnished titanium	**575305**	1/60	8	

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ARGUS 180 flush-mounted sensor module with switch

For OCTOCOLOR.
Indoor movement detector.
With integrated switch for off/automatic/on.

Area of detection: 180°
Number of levels: 1
Number of zones: 12
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

To be completed with: Electronic switch insert, art. no. 576799.
Relay switch insert, art. no. 576897.
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Supersedes art. no. 5793 ..

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**575644**	1/60	8	
polar white	**575619**	1/60	8	
metallic				
varnished bronze metallic	**575642**	1/60	8	
varnished titanium	**575605**	1/60	8	

Flush-mounted inserts

Technical Information: ARGUS flush-mounted overview (⇒ p. 506)



Electronic switch insert

AC 230 V

For ohmic load such as incandescent lamps, 230 V halogen lamps.

Switching capacity: 40-300 W
Neutral conductor:not required (2 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: A maximum of two electronic switch inserts may be wired in parallel. The sensor cover with radio receiver for switch inserts, art. no. 5932.., 5933.. can be used from version 1A with the electronic switch insert, art. no. 576799. The insert from version 2A only, can be used in conjunction with the CONNECT radio system.

Version	Art. no.	PU	PG	Info
40-300 W	**576799**	1/50	8	



Relay switch insert

AC 230 V

For ohmic and complex loads such as incandescent lamps, fluorescent lamps, energy-saving lamps, LV halogen lighting etc.

Switching capacity: 0-1000 VA
Capacitive load: max. 140 µF
Neutral conductor: required (3 conductor system)

To be completed with: ARGUS 180 flush-mounted sensor module, art. no. System M 5755.., 5784.., System Basis 5782.., System Design 5786.., OCTOCOLOR 5753.., AQUADESIGN 5781... ARGUS 180 flush-mounted sensor module with switch, art. no. System M 5728.., 5785.., System Basis 5783.., System Design 5795.., OCTOCOLOR 5756... ARGUS 180/2.20 m flush-mounted sensor module, art. no. System M 5688.., 5687... In the radio system with sensor cover with radio receiver for switch insert, art. no. 5932.., 5933... In the CONNECT radio system with the CONNECT sensor cover for switch inserts art. no. System M 5034.., 5024..., System Design 5044...
Technical Information: ARGUS flush-mounted overview (⇒ p. 506)
Note: Replace the relay switch insert, art. no. 576899.

Version	Art. no.	PU	PG	Info
0-1000 VA	**576897**	1/50	8	

ARGUS flush-mounted movement detectors, waterproof

- Protection type IP 44.



IP 44

ARGUS 180 flush-mounted sensor module

For AQUADESIGN.
Splash-proof movement detector.

Area of detection: 180°
Number of levels: 1
Number of zones: 14
Range: approx. 8 m
Sensitivity: infinitely adjustable
Light sensor: infinitely adjustable between approx. 5 and 1000 lux
Time: adjustable in steps from 1 s to 8 min

To be completed with: Electronic switch insert, art. no. 576799. Relay switch insert, art. no. 576897.

Technical Information: ARGUS flush-mounted overview (⇒ p. 506)

Version	Art. no.	PU	PG	Info
white	**578144**	1/50	8	
polar white	**578119**	1/50	8	
dark brazil	**578115**	1/50	8	
anthracite	**578114**	1/50	8	
aluminium	**578160**	1/50	8	

ARGUS flush-mounted movement detectors, KNX



ARGUS 180, flush-mounted

Application module for System M.
Movement detector for indoors.
When a movement is detected, a data telegram defined by the programming is transmitted.

KNX software functions:
The function of a staircase timer can be set with an OFF delay of one second to 152 hours and can also be switched or blocked by the bus. The switch threshold of the light-sensitive switch can be configured with a potentiometer. The status of the light-sensitive switch can be issued as a telegram on the bus. Cyclical transmission of the detected movement can be programmed. Up to 4 functions can be activated simultaneously when a movement is detected.

Range: 8 m
Area of detection: 180°
Light sensors: infinitely adjustable from approx. 5 to 1000 lux

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**629044**	1/50	9	
polar white, glossy	**629019**	1/50	9	
active white, glossy	**629025**	1/50	9	
Thermoplastic classy matt				
white	**624344**	1/50	9	
polar white	**624319**	1/50	9	
anthracite	**624314**	1/50	9	
aluminium	**624360**	1/50	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



ARGUS 180 / 2.20 m, flush-mounted

Application module for System M.
Indoor movement detector with anti-crawl protection.
When a movement is detected, a data telegram defined by the programming is transmitted.

KNX software functions:
The function of a staircase timer can be set with an OFF delay of one second to 152 hours and can also be switched or blocked by the bus. The switch threshold of the light-sensitive switch can be configured with a potentiometer. The status of the light-sensitive switch can be issued as a telegram on the bus. Cyclical transmission of the detected movement can be programmed. Up to 4 functions can be activated simultaneously when a movement is detected.

Area of detection: 180°
Number of levels: 6
Number of zones: 46
Range: 8 m right/left, 12 m to the front
Light sensor: infinitely adjustable from approx. 5 to 1000 lux
Time: adjustable in steps of 1 s to 8 min, or set individually via the software
Mounting height: 2.2 m or 1.1 m with half the range

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Contents: With cover segments to limit the area of detection.
Availability: Available August 2006.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**630344**	1/40	9	
polar white, glossy	**630319**	1/40	9	
active white, glossy	**630325**	1/40	9	
Thermoplastic classy matt				
white	**630244**	1/40	9	
polar white	**630219**	1/40	9	
anthracite	**630214**	1/40	9	
aluminium	**630260**	1/40	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



ARGUS 180, flush-mounted

Application module for System Design.
Movement detector for indoors.
When a movement is detected, a data telegram defined by the programming is transmitted.

KNX software functions:
The function of a staircase timer can be set with an OFF delay of one second to 152 hours and can also be switched or blocked by the bus. The switch threshold of the light-sensitive switch can be configured with a potentiometer. The status of the light-sensitive switch can be issued as a telegram on the bus. Cyclical transmission of the detected movement can be programmed. Up to 4 functions can be activated simultaneously when a movement is detected.

Range: 8 m
Area of detection: 180°
Light sensors: infinitely adjustable from approx. 5 to 1000 lux

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Antique brass on request.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**621444**	1/50	9	
polar white	**621419**	1/50	9	
vanilla	**621482**	1/50	9	
ice blue	**621488**	1/50	9	
light grey	**621429**	1/50	9	
midnight blue	**621478**	1/50	9	
dark brazil	**621415**	1/50	9	
black grey	**621469**	1/50	9	
aluminium	**621460**	1/50	9	
metallic				
varnished stainless steel	**621446**	1/50	9	

ARGUS Presence system

Technical Information: ARGUS Presence system (⇒ p. 503)



ARGUS Presence system

Indoor presence detection. The system detects the slightest movement in the room, switches the light on and leaves it on until no further movement is detected or natural lighting is sufficient.
The power unit has two relay outputs:
Relay 1:
For brightness-dependent movement detection, e.g. lighting. The overshoot time is infinitely adjustable at the sensor within a range of between 10 seconds and 30 minutes. The device constantly monitors the brightness in the room. Then, when there is sufficient natural light, the artificial light is switched off even if there is still someone in the room. The relay switches phase L.
Relay 2:
Floating contact (electrically isolated). For movement detection independent of brightness e.g. ventilation or heating control. The overshoot time is infinitely adjustable at the sensor within a range of between 5 minutes and 2 hours.
The system consists of the sensor head and a power unit with a permanently attached interconnecting cable (length 2.5 m) plugged into the sensor head. Every sensor head has two sockets to enable through-wiring. A maximum of 8 sensor heads (art. no. 550419) can be connected in this way to one power unit (master-slave principle). Installing several sensor heads makes it possible to seamlessly monitor long corridors and large rooms for example. The sensor head that registered the last movement determines the overshoot time.
Can also be controlled via an extension input. Sensor heads are installed in 68 mm ceiling openings. Areas of use include: offices, schools, public buildings, homes. Optimum installation height of 2.50 m.

Nominal voltage: AC 230 V ± 10%, 50 Hz
Connecting cable: 2.5 m
Max. switching current per relay: 10 A, AC 230 V, cosφ = 0,6
Incandescent lamps: max. 2300 W
Halogen lamps: max. 2000 W
Motor load: max. 1000 W
Capacitive load: max. 140 µF
Power consumption: 2 W for 8 sensors
Angle of detection: 360°
Range: a radius of max. 4 m from the installation site (at a mounting height of 2.50 m)
Number of levels: 5
Number of zones: 71 with 284 switching segments
Light sensor: infinitely adjustable between approx. 10 and 1000 lux. The light sensor is not active in the test position.
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC

Accessories: ARGUS Presence system sensor, art. no. 550419.
Technical Information: ARGUS Presence system (⇒ p. 503)

Version	Art. no.	PU	PG	Info
polar white	**550499**	1/6	8	



ARGUS Presence system sensor

Sensor head with prefabricated interconnecting cable for extending the ARGUS Presence system. Each sensor head has two plugs allowing through-wiring to other sensors.

Interconnecting cable: 8 m long
Angle of detection: 360°
Range: a radius of max. 4 m from the installation site (at a mounting height of 2.50 m)
Number of levels: 5
Number of zones: 71 with 284 switching segments
Light sensor: infinitely adjustable between approx. 10 and 1000 lux. The light sensor is not active in the test position.
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC

To be completed with: ARGUS Presence system, art. no. 550499.
Technical Information: ARGUS Presence system (⇒ p. 503)

Version	Art. no.	PU	PG	Info
polar white	**550419**	1/6	8	

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ARGUS Presence

- Indoor presence detection.
- ARGUS Presence recognises the smallest movements made by a person sitting in the room, for example. ARGUS switches on the light and leaves it switched on until presence is no longer detected or the ambient brightness is sufficient. Can be used in offices, schools, public buildings or homes, for example. The detector is installed in or on the ceiling.
- For installation on the ceiling in a 60 mm installation box. Optimum height 2.50 m.
- The surface-mounted housing, art. no. 550619, allows the presence detector to be mounted on non-suspended ceilings.

Technical Information: ARGUS Presence (⇒ p. 502)



ARGUS Presence

The device has 2 relay outputs:
Relay 1:
For brightness-dependent movement detection, e.g. lighting. The overshoot time is infinitely adjustable within a range of between 10 seconds and 30 minutes. ARGUS Presence constantly monitors the brightness in the room. Then, when there is sufficient natural light, the artificial light is switched off even if there is still someone in the room.
Relay 2:
For movement detection independent of brightness e.g. ventilation or heating control. The overshoot time is infinitely adjustable between 5 minutes and 2 hours.

Nominal voltage: AC 230 V ±10 %, 50 Hz
Relay 1 (sole use):
Nominal capacity: max. 1000 W/VA,
5 A, cosφ = 1
5 A, cosφ = 0.6
Incandescent lamps: 1000 W
230 V halogen: 1000 W
LV halogen: 500 W with conventional transformer
Capacitive load: 5 A, 140 µF
Fluorescent lamps: 5 A, 140 µF;
1000 W, uncompensated;
1000 W, 140 µF parallel compensation;
2x500 W, twin-lamp circuit;
Electronic ballast: 5 A, Cmax ≤ 140 µF
Minimum load: 10 mA, ≥ DC 24 V
Relay 2 (sole use):
Nominal capacity: max. 1000 W, cosφ = 1
Relays 1+2 (combined use):
Nominal capacity: max. 1000 VA, cosφ = 0.6 and max. 750 W halogen 230 V
Fuse: T5H
Power consumption: < 1 W
Angle of detection: 360°
Range: a radius of max. 7 m from the installation site (at a mounting height of 2.50 m)
Number of levels: 6
Number of zones: 136 with 544 switching segments
Light sensor: infinitely adjustable between approx. 10 and 1000 lux. The light sensor is not active in the test position.
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC

Accessories: Surface-mounted housing for ARGUS Presence, art. no. 550619.
Technical Information: ARGUS Presence (⇒ p. 502)

Version	Art. no.	PU	PG	Info
polar white	**550590**	1/6	8	



ARGUS Presence with IR receiver and for extension unit operation

When connecting the nominal voltage or short-term interruption of the power supply (e.g. with a push-button connected as a make contact), the device switches channel 1 on for one minute plus the set time, regardless of the level of light.
Other features and attributes as for ARGUS Presence, art. no. 550590.
For channel 1, the functions "Permanent ON", "Permanent OFF" and "Automatic" can be controlled with the IR remote control.

Accessories: Surface-mounted housing for ARGUS Presence, art. no. 550619.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: ARGUS Presence (⇒ p. 502)

Version	Art. no.	PU	PG	Info
polar white	**550591**	1/6	8	

KNX ARGUS Presence

- Indoor presence detection.
- ARGUS Presence detects the smallest movements, e.g. of people sitting in a room. The ARGUS switches on the light and leaves it switched on until presence is no longer detected or the ambient brightness is sufficient. Areas of application are e.g. offices, schools, public buildings and the private sector. Installation is carried out in or on the ceiling.
- For ceiling mounting in a size 60 mounting box, optimum installation at 2.50 m height.
- The surface-mounted housing, art. no. 550619, allows the presence detector to be mounted on non-suspended ceilings.

Technical Information: ARGUS Presence (⇒ p. 502)



INSTABUS ARGUS Presence

Indoor presence detection.
The INSTABUS ARGUS Presence detects the slightest movement in a room and transmits data telegrams via the KNX.
If the lighting is controlled by brightness-dependent movement detection, the device constantly monitors the brightness in the room, and when there is sufficient natural light, it deactivates the actuator for the artificial light even if there is still someone in the room. The overshoot time can be adjusted using the ETS.
With integrated bus coupler. For mounting on the ceiling in a 60 mm installation box. Optimum height 2.50 m. With the surface-mounted housing for ARGUS Presence, the device can also be installed in non-suspended ceilings.

KNX software functions:
Movement detection can trigger up to three functions simultaneously (1xpresence function).
Dynamic overshoot time, which is determined depending on the use of the room. Interconnection of large systems possible (master/slave).

Angle of detection: 360°
Range: a radius of max. 7 m from installation site (at a mounting height of 2.50 m).
Number of levels: 6
Number of zones: 136 with 544 switching segments
Light sensor: infinitely adjustable from approx. 10 to 1000 lux using the ETS
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC

Accessories: Surface-mounted housing for ARGUS Presence, art. no. 550619.
Technical Information: ARGUS Presence (⇒ p. 502)
Contents: With bus connecting terminal and supporting plate.

Version	Art. no.	PU	PG	Info
polar white	**630590**	1/6	9	



INSTABUS ARGUS Presence with IR receiver

Indoor presence detection.
As for INSTABUS ARGUS Presence, art. no. 630590.
IR remote control. The infrared commands are converted into the corresponding data telegrams. Up to 10 channels can be controlled. With integrated bus coupler.
If the lighting is controlled by brightness-dependent movement detection, the device constantly monitors the brightness in the room and when there is sufficient natural light, it deactivates the actuator for the artificial light even if there is still someone in the room. The overshoot time can be adjusted using the ETS.

Angle of detection: 360°
Range: a radius of max. 7 m from installation site (at a mounting height of 2.50 m).
Number of levels: 6
Number of zones: 136 with 544 switching segments
Light sensor: infinitely adjustable from approx. 10 to 1000 lux using the ETS
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC

Accessories: Surface-mounted housing for ARGUS Presence, art. no. 550619.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: ARGUS Presence (⇒ p. 502)
Contents: With bus connecting terminal and supporting plate.

Version	Art. no.	PU	PG	Info
polar white	**630591**	1/6	9	



INSTABUS ARGUS Presence with constant lighting control

Indoor presence detection.
Features as for INSTABUS ARGUS Presence, art. no. 630590.
Lighting control triggered by presence is achieved using an integral brightness sensor. With integrated bus coupler.
If the lighting is controlled by brightness-dependent movement detection, the device constantly monitors the brightness in the room. ARGUS regulates the artificial light or switches it off when there is sufficient natural light, even if there is still someone in the room. The overshoot time can be adjusted using the ETS.

Angle of detection: 360°
Range: a radius of max. 7 m from installation site (at a mounting height of 2.50 m).
Number of levels: 6
Number of zones: 136 with 544 switching segments
Light sensor: infinitely adjustable from approx. 10 to 1000 lux using the ETS
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC

Accessories: Surface-mounted housing for ARGUS Presence, art. no. 550619.
Technical Information: ARGUS Presence (⇒ p. 502)
Contents: With bus connecting terminal and supporting plate.

Version	Art. no.	PU	PG	Info
polar white	**630592**	1/6	9	

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Accessories



Surface-mounted housing for ARGUS Presence

The surface-mounted housing for ARGUS Presence devices also allows them to be surface mounted.

To be completed with: ARGUS Presence, art. no. 550590/91.
INSTABUS ARGUS Presence, art. no. 630590/91/92.

Technical Information: ARGUS Presence (⇒ p. 502)

Version	Art. no.	PU	PG	Info
polar white	**550619**	1/21	8	

- Splash-proof comparable to IP 54

Technical Information: ARGUS light-sensitive switch (⇒ p. 516)

ARGUS light-sensitive time switch



ARGUS light-sensitive time switch

AC 230 V

Waterproof surface-mounted device with impact-resistant housing. With time function.
The light-sensitive time switch combines the functions of a light-sensitive switch and a time switch in a single device.
Choose from between three functions:
Twilight function:
The lighting is switched on in the evening and switched off in the morning when the appropriate pre-set twilight threshold is reached.
Automatic function:
In the evening, the light is switched on when the pre-set twilight threshold is reached and switched off again at a pre-set time (e.g. 11.00 p.m.). In the morning, the lighting is switched on at a pre-set time (e.g. 5.00 a.m.) and switched off again when the twilight threshold is reached.
Semi-automatic function:
In the evening, the light is switched on when the pre-set twilight threshold is reached and switched off again at a pre-set time (e.g. 11.00 p.m.).
A special integrated function ensures that the time is automatically adjusted to the ambient brightness. It is not necessary to set the time manually.
Relay with µ contact. High sensitivity to light. Automatic time adjustment. Large wiring compartment.

Connected load: up to 2300 VA
Max. switching current: AC 230 V, 10 A
cosφ = 0.6
Halogen lamps: AC 230 V, up to 2000 W
Incandescent lamps: AC 230 V, up to 2300 W
Capacitive load: max. 140 µF
Connecting terminals: for 2.5 mm² rigid conductors
Adjustment range/switch threshold: 2 to 300 lux, adjustable
Dimensions: approx. 97 x 80 x 47 mm

Accessories: Capacitor, art. no. 542895.
Technical Information: ARGUS light-sensitive switch (⇒ p. 516)

Version	Art. no.	PU	PG	Info
light grey	**544890**	1/35	8	

ARGUS light-sensitive switches



ARGUS compact light-sensitive switch

AC 230 V

Waterproof surface-mounted device with fixed switch threshold.

Connected load: up to 1100 VA
Max. switching current: 5 A ohmic, 2.5 A inductive at cosφ = 0.5
Halogen lamps: AC 230 V, up to 200 W
Capacitive load: max. 21 µF
Adjustment range/switch threshold: On: 4 to 7 lux
Off: 6 to 18 lux
Switching delay
- when switching on: approx. 25 s to 45 s
- when switching off: approx. 30 s to 65 s
Dimensions: approx. 81 x 70 x 45 mm

Accessories: Capacitor, art. no. 542895.
Technical Information: ARGUS light-sensitive switch (⇒ p. 516)

Version	Art. no.	PU	PG	Info
light grey	**544529**	1/45	8	



ARGUS light-sensitive switch

AC 230 V

Waterproof surface-mounted device with impact-resistant housing.
Reinforced relay.
High sensitivity to light.
Large wiring compartment.

Connected load: up to 2300 VA
Max. switching current: AC 230 V, 10 A,
cosφ = 0.6
Halogen lamps: AC 230 V, up to 2000 W
Incandescent lamps: AC 230 V, up to 2300 W
Capacitive load: max. 140 µF
Connecting terminals: for 2.5 mm² rigid conductors
Adjustment range/switch threshold: 3 to 2000 lux, adjustable
Switching delay
- when switching on: approx. 40 s
- when switching off: approx. 100 s
Dimensions: approx. 97x80x47 mm

Accessories: Capacitor, art. no. 542895.
Technical Information: ARGUS light-sensitive switch (⇒ p. 516)

Version	Art. no.	PU	PG	Info
with switching delay, polar white	**544819**	1/35	8	

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ARGUS light-sensitive switch

AC 230 V

Waterproof surface-mounted device with impact-resistant housing.
Reinforced relay.
High sensitivity to light.
Large wiring compartment.

Connected load: up to 2300 VA
Max. switching current: AC 230 V, 10 A, $\cos\varphi = 0.6$
Halogen lamps: AC 230 V, up to 2000 W
Incandescent lamps: AC 230 V, up to 2300 W
Capacitive load: max. 140 µF
Connecting terminals: for 2.5 mm² rigid conductors
Adjustment range/switch threshold: 3 to 2000 lux, adjustable
Switching delay
- **when switching on:** approx. 40 s
- **when switching off:** approx. 100 s

Dimensions: approx. 97x80x47 mm

Accessories: Capacitor, art. no. 542895.
Technical Information: ARGUS light-sensitive switch (⇒ p. 516)

Version	Art. no.	PU	PG	Info
without switching delay, light grey	**544829**	1/35	8	
with switching delay, light grey	**544894**	1/35	8	

Accessories



Capacitor

AC 230 V, 0.33 µF

For use in push-button circuits to prevent flickering of the neon lamp and/or instantaneous switching of the installation relay when several push-buttons with neon lamps are in use.
For interference suppression of inductive loads, e.g. relays, contactors, fluorescent lamps, transformers, if the induction voltage of these devices leads to the retriggering of the ARGUS.

Version	Art. no.	PU	PG	Info
AC 230 V, 0.33 µF	**542895**	10/450	8	

ARGUS smoke detector

All ARGUS smoke detectors are with VdS approval!
- Awaiting BOSEC approval
- Awaiting NFS certification
- Awaiting CoMo certification
- Approved in accordance with EN 14676

The smoke detectors operate in accordance to the scattered light principle and detects smoke before the concentration of smoke becomes dangerous for people. This is signalled by a loud warning tone (about 85 db(A)) and an LED.
In networked systems:
- A detector detects smoke and then the alarm is set off by all connected smoke alarms.

Combination Connect smoke detector and Connect 230 V:
- Radio networking is possible

Mounting options:
- Directly on the ceiling with the screws and plugs supplied
- with a central screw
- On flush-mounted and cavity wall boxes

An installed smoke detector system (Art. no. 6634.., 6637.., 663491) can be extended with smoke detectors with radio networking and 2-wire cable networking.



ARGUS smoke detector Connect

Battery-powered smoke detector for early detection of smouldering fires and open fires with smoke emission indoors.
With integrated networking options:
- up to 40 wired smoke detectors
- up to 10 smoke detectors in one radio cell per radio

Wired networking is effected via a separate 2-wire.cable (SELV).

Functions:
- Self-test
- Battery test: A weak battery is displayed via an acoustic signal as well as a flashing LED.
- Push-button for functional test

Functional principle: Scattered light (Tyndall effect)
Sensitivity: in accordance with EN 14604
Battery type: 9 V monobloc battery, IEC 6LR61, alkali
Battery failure signal: approx. every 40 seconds min. for 30 days
Battery service life: About two and a half years
Signal: approx. 85 dB(A) at 3 m distance
Display elements: red LED
Networking: max. 40 smoke detectors
Network cable: Type J-Y(St)Y 2x2x0.6
Total cable length up to 500 m
Radio frequency 868 MHz
Transmission range: up to 100 m free field, up to 30 m indoors
Radio operating elements: Dip switch for addressing/grouping
Operating ambient temperature: 0 °C to 60 °C
Dimensions: 112.5 x 45.5 mm (Ø x H)
Type of protection: IP 42
With VdS approval

Note: The wired connection of the ARGUS smoke detector 230 V/ Connect 230 V art. no. 5475.., 5485 is not permitted. With pipe cabling systems a gasket must be installed on site between the ceiling and the smoke detector.
Contents: Battery. Screws and plugs.
Availability: Available 1st quarter 2007.

Version	Art. no.	PU	PG	Info
polar white	**548019**	1/10	8.3	
aluminium	**548060**	1/10	8.3	



ARGUS smoke detector Connect 230 V

Mains-powered smoke detector with backup battery for early detection of smouldering fires and open fires with smoke build-up indoors.
With integrated networking options:
- up to 40 wired smoke detectors
- up to 10 smoke detectors in one radio cell per radio

Wired networking is carried out via a separate core in the 230 V network.

Functions:
- Self-test
- Battery test: A weak battery is displayed via an acoustic signal as well as a flashing LED.
- Push-button for functional test

Functional principle: Scattered light (Tyndall effect)
Sensitivity: in accordance with EN 14604
Supply voltage: AC 230 V, 50 Hz
Battery type: 9 V monobloc battery, IEC 6LR61, alkali
Battery failure signal: approx. every 40 seconds min. for 30 days
Battery service life:
With a 230 V power supply: approx. every 4-5 years, dependent on the self discharge of the battery installed
During normal battery operation: About two and a half years
Signal: approx. 85 dB(A) at 3 m distance
Display elements: 3 LEDs (red, green, yellow)
Networking: max. 40 smoke detectors
Network cable: separate, free core e.g. 1 x 1.5 mm^2 in a 230 V network
Connecting terminals: looping possible, every 2 x 2.5 mm^2
Total cable length up to 500 m
Radio frequency 868 MHz
Transmission range: up to 100 m free field, up to 30 m indoors
Radio operating elements: Dip switch for addressing/grouping
Operating ambient temperature: 0 °C to 60 °C
Dimensions: 112.5 x 45.5 mm (Ø x H); with surface mounting 112.5 x 59.5 mm (Ø x H)
Type of protection: IP 42
With VdS approval

Note: The wired connection of the ARGUS smoke detector Connect art. no. 5480.. is not permitted. With pipe cabling systems a gasket must be installed on site between the ceiling and the smoke detector.
Contents: Battery. Screws and plugs. Surface-mounted mounting base with a larger wiring compartment.
Availability: Delivery period on request.

Version	Art. no.	PU	PG	Info
polar white	**548519**	1/1	8.3	
aluminium	**548560**	1/1	8.3	

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ARGUS smoke detector 230 V

Mains-powered smoke detector with backup battery for early detection of smouldering fires and open fires with smoke build-up indoors.
Up to 40 smoke detectors can be wired to a network. Wired networking is carried out via a separate wire in the 230 V network.

Functions:
- Self-test
- Battery test: A weak battery is displayed via an acoustic signal as well as a flashing LED.
- Push-button for functional test

Functional principle: Scattered light (Tyndall effect)
Sensitivity: in accordance with EN 14604
Supply voltage: AC 230 V, 50 Hz
Battery type: 9 V monobloc battery, IEC 6LR61, alkali
Battery failure signal: approx. every 40 seconds min. for 30 days
Battery service life:
With a 230 V power supply: approx. every 4-5 years, dependent on the self discharge of the battery installed
During normal battery operation: About two and a half years
Signal: approx. 85 dB(A) at 3 m distance
Display elements: 3 LEDs (red, green, yellow)
Networking: max. 40 smoke detectors
Network cable: separate, free core e.g. 1 x 1.5 mm² in a 230 V network
Connecting terminals: looping possible, every 2 x 2.5 mm²
Total cable length up to 500 m
Operating ambient temperature: 0 °C to 60 °C
Dimensions: 112.5 x 45.5 mm (Ø x H); with surface mounting 112.5 x 59.5 mm (Ø x H)
Type of protection: IP 42
With VdS approval

Note: The wired connection of the ARGUS smoke detector Connect art. no. 5480.. is not permitted. With pipe cabling systems a gasket must be installed on site between the ceiling and the smoke detector.
Contents: Battery. Screws and plugs. Surface-mounted mounting base with a larger wiring compartment.
Availability: Delivery period on request.

Version	Art. no.	PU	PG	Info
polar white	**547519**	1/1	8.3	
aluminium	**547560**	1/1	8.3	



ARGUS smoke detector Basic

Battery-powered smoke detector for early detection of smouldering fires and open fires with development of smoke indoors.

Functions:
- Self-test
- Battery test: A weak battery is displayed via an acoustic signal as well as a flashing LED.
- Push-button for functional test

Functional principle: Scattered light (Tyndall effect)
Sensitivity: in accordance with EN 14604
Battery type: 9 V monobloc battery, IEC 6LR61, alkali
Battery failure signal: approx. every 40 seconds min. for 30 days
Battery service life: About three years
Signal: approx. 85 dB(A) at 3 m distance
Display elements: red LED
Operating ambient temperature: 0 °C to 60 °C
Dimensions: 112.5 x 45.5 mm (Ø x H)
Type of protection: IP 42
With VdS approval

Note: With pipe cabling systems a gasket must be installed on site between the ceiling and the smoke detector.
Contents: Battery. Screws and plugs.

Version	Art. no.	PU	PG	Info
polar white	**547019**	1/23	8.3	



ARGUS smoke detector Basic Longlife

Battery-powered smoke detector for early detection of smouldering fires and open fires with smoke emission indoors.
With lithium battery for extended service life.

Functions:
- Self-test
- Battery test: A weak battery is displayed via an acoustic signal as well as a flashing LED.
- Push-button for functional test

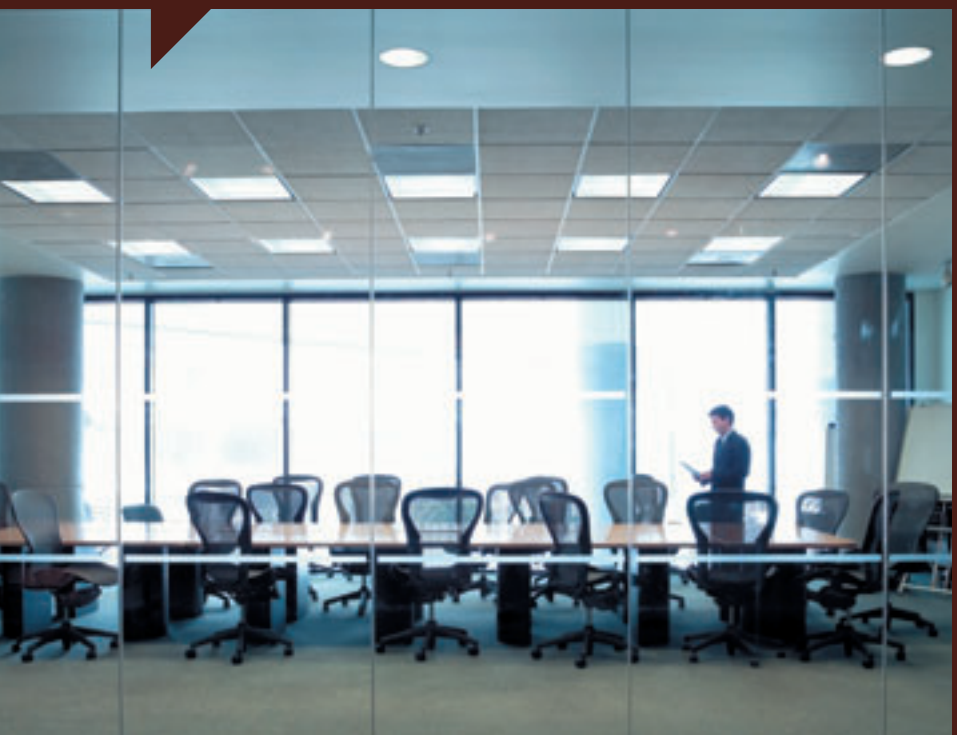
Functional principle: Scattered light (Tyndall effect)
Sensitivity: in accordance with EN 14604
Battery type: 9 V monobloc battery, lithium
Battery failure signal: approx. every 40 seconds min. for 30 days
Battery service life: About ten years
Signal: approx. 85 dB(A) at 3 m distance
Display elements: red LED
Operating ambient temperature: 0 °C to 60 °C
Dimensions: 112.5 x 45.5 mm (Ø x H)
Type of protection: IP 42
With VdS approval

Note: With pipe cabling systems a gasket must be installed on site between the ceiling and the smoke detector.
Contents: Battery. Screws and plugs.

Version	Art. no.	PU	PG	Info
polar white	**547119**	1/23	8.3	

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KNX
THE SOLUTION FOR INTELLIGENT BUILDINGS





When leaving the house, do you want to check at the touch of a button that no lights or electrical appliances are still switched on? Or maybe in the evening you would like to lower the blinds with a single push of a button to create a pleasant ambiance with atmospheric lighting?
Just a few of the many possibilities offered by intelligent building system technology from Merten KNX. In conventional buildings, this would only be possible with a great deal of effort. Now, all it takes is a flick of the wrist.

All a bit too theoretical? Why not convince your customers with practical sample applications from the Merten CD. It can be ordered free of charge from Merten or online at www.mymerten.com



ARTEC multi-function push-button

The new ARTEC multi-function push-button with room temperature control unit is available as a 2-gang and 4-gang push-button. Its new design sets standards: The large, white-illuminated display, the blue status and operation LEDs, the elegant shape of the push-buttons, the generous labelling field and the high-quality materials make it an eye-catching sight in any room. Thanks to an infrared receiver, the 4-gang push-button can also be controlled by remote control for total convenience.

CONTENTS



ARTEC



TRANCENT



IP Touch-Panel 10"

346 KNX

346 System components
351 Interfaces/gateways
353 Push-buttons
368 Binary inputs
370 Other sensors
377 Time switch
378 Switch actuators
383 Blind/switch actuators
384 Blind actuators
387 Dimming actuators/control units
391 Other actuators
392 Panel control devices
396 Devices for individual room temperature control
404 Fan coil controller
404 Power supplies
405 Teaching aids

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- Tel.: 02261 702-286
- Fax: 02261 702- 633
- **Technical information / Infoline**
- E-mail: infoline@merten.de
- Tel.: 0800 63783640
- Fax: 0800 63783630

Technical Information: KNX system features (⇒ p. 518)

System components

- The devices have protection type IP 20 and can only be used indoors. Devices with a different type of protection are labelled separately.



Power supply 160 REG-K

For generating the bus voltage for a line with up to 32 bus devices. With integrated choke to decouple the power supply from the bus and a switch to disconnect the power and reset the bus devices connected to the line.
Can be connected to the mains with plug-in screw terminals. For mounting on DIN rails EN 50022. The bus is connected using a bus connecting terminal; a data rail is not necessary.

Mains voltage: AC 230 V, 50-60 Hz
Output voltage: DC 29 V ± 1 V
Output current: max. 160 mA, short-circuit-proof
Device width: 5 modules = approx. 90 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**683329**	1/21	9.3	



Power supply 320 REG-K

For generating the bus voltage for a line with up to 64 bus devices. With integrated choke to decouple the power supply from the bus and a switch to disconnect the power and reset the bus devices connected to the line.
Can be connected to the mains with plug-in screw terminals. For mounting on DIN rails EN 50022. The bus is connected using a bus connecting terminal; a data rail is not necessary.

Mains voltage: AC 230 V, 50-60 Hz
Output voltage: DC 29 V ± 1 V
Output current: max. 320 mA, short-circuit-proof
Device width: 5 modules = approx. 90 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**683429**	1/21	9.3	



Power supply 320 REG-K with battery connection

For generating the bus voltage for a line with up to 64 bus devices. With integrated choke to decouple the power supply from the bus and a switch to disconnect the power and reset the bus devices connected to the line.
Can be connected to the mains with plug-in screw terminals. For installation on DIN rails EN 50022. The bus is connected using a bus connecting terminal; a data rail is not necessary. External lead gel batteries with a DC 12 V (SELV) voltage can be connected to the emergency power input for buffering the bus voltage or IC 1 Internet controller power supply. The integral buffer circuit ensures that the 6-15 Ah lead gel batteries are used as buffers or recharged.

Mains voltage: AC 230 V, 50-60 Hz
Emergency input: for lead gel battery 6-15 Ah with DC 12 V (SELV)
Charge retention current: max. 250 mA
Output voltage: DC 29 V ±1 V
Output current: max. 320 mA, short-circuit-proof
Device width: 5 modules = approx. 90 mm

Accessories: Lead gel battery, art. no. 668990.
Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**683129**	1/21	9.3	



Lead gel battery

Lead gel battery to connect to the emergency input of the power supply 320 REG-K with battery connection.
Also for powering the outdoor siren with flashlight, TeleConnect or IC 1 Internet controller.

Nominal voltage: DC 12 V
Capacity: 7.2 Ah

In KNX, to be completed with: Power supply 320 REG-K with battery connection, art. no. 683129.

Version	Art. no.	PU	PG	Info
7.2 Ah	**668990**	1/2	8.2	



Power supply 2x320 REG-K

For the generation of bus voltages for two lines, each with a maximum of 64 bus devices. With two integrated chokes to decouple the power supply from the bus, as well as switches to disconnect the power and to reset the bus devices connected to the respective line.
Can be connected to the mains with plug-in screw terminals. For mounting on DIN rails EN 50022. The bus is connected using a bus connecting terminal; a data rail is not necessary.

Mains voltage: AC 230 V, 50-60 Hz
Output voltage: 2xDC 29 V ± 1 V
Output current: max. 2x320 mA, short-circuit-proof
Device width: 7 modules = approx. 126 mm

Contents: With 2 bus connecting terminals and 2 cable covers.

Version	Art. no.	PU	PG	Info
light grey	**683729**	1/16	9.3	



Power supply 640 REG-K

For generating bus voltage for a maximum of two lines, each with 64 bus devices. With integrated choke to decouple the power supply from the bus and a switch to disconnect the power and reset the bus devices connected to the line. A further line can be provided with its own choke via a separate DC 29 V power supply.
For mounting on DIN rails EN 50022. The bus is connected using a bus connecting terminal; a data rail is not necessary.

Mains voltage: AC 230 V, 50-60 Hz
Output voltage: DC 29 V ± 1 V
Output current: max. 640 mA, short-circuit-proof
Device width: 7 modules = approx. 126 mm

Contents: With bus connecting terminal.

Version	Art. no.	PU	PG	Info
light grey	**683829**	1/16	9.3	



Power supply REG-K/640 mA

For generating the bus voltage for a line with up to 64 bus devices. With integrated choke to decouple the power supply from the bus and a switch to disconnect the power and reset the bus devices connected to the line. The emergency power supply REG can be connected in order to buffer the bus voltage.
For mounting on DIN rails EN 50022. The bus is connected using a bus connecting terminal; a data rail is not necessary.

Mains voltage: AC 110 - 230 V, 50-60 Hz
Output voltage: DC 30 V ±2 V
Output current: max. 640 mA, short-circuit-proof
Device width: 4 TE = approx. 72 mm

Accessories: REG emergency power supply, art. no. 683901.
Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**683890**	1/10	9.3	



REG-K emergency power supply

To buffer the bus voltage. If a complete mains failure occurs, an external lead gel battery with a voltage of DC 12 V (SELV) can be connected to the REG power supply for buffering. The lead gel battery is recharged or maintained in its charged state by integrated charging electronics.
A binary input can be connected in order to register the operational status.
For installation on DIN rails EN 50022. A data rail is not necessary.

Mains voltage: AC 110 - 230 V, 50-60 Hz
Output to power supply:
Output voltage: DC 30 V ±2 V
Output current:
without battery with mains supply max. 300 mA, with battery without mains supply max. 640 mA
Short-circuit current: < 1.5 A

Charging current: max. 1 A
Connections: plug-in screw terminal for main connector, operating state (4-pin, 3 floating contacts) and emergency power supply. Plug-in terminal for battery connection (two 1 mm pins)
Device width: 4 TE = approx. 72 mm

In KNX, to be completed with: Power supply REG-K/640 mA, art. no. 683890
Accessories: Lead gel battery, art. no. 668990.
Contents: With connecting terminal and cable cover
Availability: Available June 2007.

Version	Art. no.	PU	PG	Info
light grey	**683901**	1/10	9.3	



Lead gel battery

Lead gel battery for connecting to the emergency power supply REG.

Nominal voltage: DC 12 V
Capacity: 18 Ah

In KNX, to be completed with: REG emergency power supply, art. no. 683901.

Version	Art. no.	PU	PG	Info
	668991	1/1	8.2	



Choke REG

To decouple the second line of the power supply 640 REG-K from the bus. With a switch to disconnect the power and reset the bus devices connected to the line.
For mounting on DIN rails EN 50022-35 x 7.5, with integrated data rail.

Mains voltage: DC 30 V
Nominal current: 0.5 A
Device width: 2 modules = approx. 36 mm

In KNX, to be completed with: Data rail, art. no. 6899 ..

Version	Art. no.	PU	PG	Info
light grey	**680401**	1/70	9.3	

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Bus coupler, flush-mounted

For connecting flush-mounted application modules with plug-in application interface.
For screw mounting in the size 60 installation box.
Flat design. With LED and push-button for programming.

Mounting depth: 20 mm

In KNX, to be completed with: Flush-mounted application modules with plug-in application interface.
Accessories: Protective cover for plaster, art. no. 690098.
Contents: With bus connecting terminal.

Version	Art. no.	PU	PG	Info
	690099	1/50	9	



Bus coupler 2, flush-mounted

For the connection of flush-mounted application modules with plug-in application interface (e.g. for multi-function push-button or serial data interface 2, flush-mounted).
For screw mounting in the size 60 installation box.
Flat design. With LED and push-button for programming.

Mounting depth: 20 mm

In KNX, to be completed with: Flush-mounted application modules with plug-in application interface.
Accessories: Protective cover for plaster, art. no. 690098.
Contents: With bus connecting terminal.

Version	Art. no.	PU	PG	Info
	690299	1/50	9	



Coupler REG-K

For logical connection and electrical isolation of lines and areas. For mounting on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary. Contact established with the primary and secondary line via bus connecting terminal.

Device width: 2 modules = approx. 36 mm

Contents: With 2 bus connecting terminals.

Version	Art. no.	PU	PG	Info
light grey	**680204**	1/35	9.3	



KNX/IP router REG-K

The KNX/IP router enables telegrams to be forwarded between different lines via LAN (IP) as a rapid backbone. The device can additionally serve as a programming interface in order to connect a PC with the KNX bus (e.g. for ETS programming with suitable ETS).
The IP address can be assigned dynamically via a DHCP server or via manual configuration (ETS parameter). The device operates in accordance with the KNXnet/IP specification using Core, device management, tunnelling and routing.
The KNX/IP router forwards telegrams in both directions whilst taking a filter table into account and can buffer up to 150 telegrams.
For installation on DIN rails EN 50022. The bus is connected using a bus connecting terminal; a data rail is not necessary.

Supply voltage: DC 12-30 V (at DC 24 V 40 mA), AC 12-24 V
Device width: 2 TE = approx. 36 mm

In KNX, to be completed with: Power supply REG, DC 24 V/0.4 A, art. no. 693003. Also alternatively Power over Ethernet (PoE).
Contents: With bus connecting terminal.
Availability: Available April 2007.

Version	Art. no.	PU	PG	Info
light grey	**680329**	1/70	9.3	



Data rail connector REG/2

For connecting up to eight bus lines to the data rail using bus connecting terminals. For mounting on DIN rails EN 50022-35 x 7.5, with integrated data rail.

Device width: 1 module = approx. 18 mm

In KNX, to be completed with: Data rail, art. no. 6899 ..
Contents: With bus connecting terminal.

Version	Art. no.	PU	PG	Info
light grey	**680603**	2/140	9.3	



Data rail connector REG/4

For connecting up to eight bus lines and power supplies to the data rail via bus connecting terminals. For mounting on DIN rails EN 50022-35 x 7.5, with integrated data rail.

Device width: 1 module = approx. 18 mm

In KNX, to be completed with: Data rail, art. no. 6899 ..
Contents: With 2 bus connecting terminals.

Version	Art. no.	PU	PG	Info
light grey	**680602**	2/140	9.3	



Adapter with data rail REG-K

For connecting up to eight bus lines to the data rail using bus connecting terminals. For mounting on DIN rails EN 50022-35 x 7.5, with integrated data rail.

Device width: 7 modules = approx. 126 mm

Version	Art. no.	PU	PG	Info
light grey	**680604**	1/48	9.3	



Data rail

For connecting KNX devices installed in series in distribution panels on DIN rail. For bonding (self-adhesive) into the DIN rail EN 50022-35 x 7.5.

Accessories: Data rail cover, art. no. 689801.

Version	Art. no.	PU	PG	Info
214 mm	**689901**	5/500	9	
243 mm	**689902**	5/500	9	
277 mm	**689903**	5/500	9	



Data rail cover

For covering unused data rail connectors by snapping onto the DIN rail EN 50022 35x7.5.

Length: 242 mm

In KNX, to be completed with: Data rail, art. no. 6899 ..

Version	Art. no.	PU	PG	Info
light grey	**689801**	5/50	9	



Bus connecting terminal

For connecting max. 4 core pairs to an INSTABUS EIB REG-K, flush-mounted, surface-mounted or built-in device, can also be used as a branch terminal.
Consists of two interlocked terminal parts in red ("+") and dark grey ("-"), each with 4 plug-in terminals. For solid conductors with a diameter of 0.6 to 0.8 mm.

Version	Art. no.	PU	PG	Info
red/dark grey	**689701**	50/2500	9	



Branch terminal, yellow/white

Branch terminal comprising two interlocking terminal parts in yellow and white, each with 4 plug-in terminals. For solid conductors with a diameter of 0.6 to 0.8 mm.
For wiring the yellow/white cores of the bus cable.

Version	Art. no.	PU	PG	Info
yellow/white	**689702**	50/2500	9	



Cable cover for REG-K

For covering the stripped bus cable in all REG-K devices. The cable cover guarantees a safe distance between the SELV bus voltage and the mains voltage.

Version	Art. no.	PU	PG	Info
light grey	**662929**	5/500	9	



Protective cover for plaster

For protecting the bus coupler, flush-mounted actuators, Easy flush-mounted modules or actuators from damage during painting and decorating work.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099. Bus coupler, flush-mounted 2, art. no. 690299. Switch actuator, flush-mounted, art. no. 627099. Series actuator, flush-mounted, art. no. 627199. Blind actuator, flush-mounted, art. no. 627299.

Version	Art. no.	PU	PG	Info
black	**690098**	10/300	9	



Blanking cover

For System M.
Screw-on cover for flush-mounted bus coupler or flush-mounted actuators.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099. Bus coupler, flush-mounted 2, art. no. 690299. Switch actuator, flush-mounted, art. no. 627099. Series actuator, flush-mounted, art. no. 627199. Blind actuator, flush-mounted, art. no. 627299. INSTABUS radio gateway, flush-mounted, art. no. 680999.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**662344**	1/100	9	
polar white, glossy	**662319**	1/100	9	
active white, glossy	**662325**	1/100	9	
Thermoplastic classy matt				
white	**662144**	1/100	9	
polar white	**662119**	1/100	9	
anthracite	**662114**	1/100	9	
aluminium	**662160**	1/100	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Blanking cover

For System Design.
Screw-on cover for flush-mounted bus coupler or flush-mounted actuators.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099. Bus coupler, flush-mounted 2, art. no. 690299. Switch actuator, flush-mounted, art. no. 627099. Series actuator, flush-mounted, art. no. 627199. Blind actuator, flush-mounted, art. no. 627299. INSTABUS radio gateway, flush-mounted, art. no. 680999.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**662244**	1/100	9	
polar white	**662219**	1/100	9	
vanilla	**662282**	1/100	9	
ice blue	**662288**	1/100	9	
light grey	**662229**	1/100	9	
midnight blue	**662278**	1/100	9	
dark brazil	**662215**	1/100	9	
black grey	**662269**	1/100	9	
aluminium	**662260**	1/100	9	
metallic				
varnished stainless steel	**662246**	1/100	9	



Bus coupler REG

Can be programmed as a logic, control or light-scene module, for example.
For connecting DIN rail mounted application modules with application interface (REG-S) plugged in at the side.
For mounting on DIN rails EN 50022-35 x 7.5, with integrated data rail. With LED and push-button for programming.

KNX software functions:

Lighting control

Lighting controls are used to control switching and dimming telegrams selectively, e.g. to toggle between single room and total room control for conference rooms with partition walls. When an incoming telegram is received, up to twelve different output telegrams can be sent. Four output channels can be activated individually or all together.

Lightscenes

Light settings can be activated automatically or at the push of a button. Up to eight lightscenes for four different actuators or actuator groups can be saved in a single bus coupler. The number of lightscenes and actuators can be infinitely increased with additional bus couplers. Lightscenes are activated by switching telegrams, such as those sent by standard INSTABUS push-buttons and binary inputs for example.

Logic operations

Different logic operation functions can be selected in three program applications. These functions contain up to three logic gates and eight inputs. All three applications support the logic operations AND, OR, NAND and NOR. One also supports the exclusive OR and equivalence functions. The telegrams can be individually parameterised on the input and output side.

Filter

Incoming ON/OFF telegrams are selected, processed and then issued again depending on the setting in the Filter/Time application. The telegrams can be sent on two output channels with a time delay. Both outputs can be locked using a blocking function. In such a way it is possible for example to block automatic, brightness-dependent blind control if necessary.

Device width: 1 module = approx. 18 mm

In KNX, to be completed with: Data rail, art. no. 6899 ..

Version	Art. no.	PU	PG	Info
light grey	**690599**	1/70	9.3	



Mini-function module REG

Open and closed-loop control tasks are possible using the INSTABUS EIB thanks to the mini-function module REG. The received bus telegrams are interpreted and processed according to the freely programmable logic or mathematical functions. The results are sent to the actuators as telegrams via the bus (no floating point format).
The device is programmed using INSTABUS EIB (no integrated RS 232 interface). Projects may comprise 150 function blocks and 200 group addresses. Mini-function module projects can also be processed by the function module REG.
A real-time operating system performs control and management of the functional elements, which are programmed in a graphical language. The integrated real-time clock permits precise time-based control sequences. A library of functional elements permits creation of programs appropriate to the needs of any application, e.g. for complex heating, lighting and blind control.
The mini-function module tool software permits the selection of approx. 40 functional elements with diverse standardised EIB data telegrams from the function library, for combination in application programs. The programs are then loaded into the device and executed.

Power: A 29 V DC power supply is required via the two outer conductors of the data rail and a data rail connector REG/4.
Power consumption: Normal operation approx. 40 mA
Programming mode approx. 100 mA
Device width: 3 modules = approx. 54 mm

In KNX, to be completed with: Mini-function module tool software, art. no. 615011. Data rail, art. no. 6899.., data rail connector REG/4, art. no. 680602.

Note: The software, art. no. 615011, (Windows 98 or higher) for programming the mini-function module is available on the Internet or on the Merten info CD. The program FM Loader 32 is available over the Internet for operating systems Windows NT, 2000 and XP.

Version	Art. no.	PU	PG	Info
light grey	**676099**	1/30	9.3	



Function module REG

Extensive open and closed-loop control tasks are possible using the INSTABUS EIB thanks to the function module REG. The sensors and actuators can be connected to the bus locally and cost-effectively. The received bus telegrams are interpreted and processed according to the freely programmable logic or mathematic functions.
The results are sent to the actuators as telegrams via the bus.
A real-time multi-tasking operating system performs control and management of the functional elements, which are freely programmed in a graphical language. The integrated real-time clock permits precise time-based control sequences. A library of functional elements permits creation of programs appropriate to the needs of any application, e.g. for complex heating, lighting and blind control.
The function module tool software allows more than 50 functional elements, supporting a variety of standardised EIB data telegrams, to be selected from the function library and assembled into application programs. The programs are then loaded into the device and executed.

Power: A 29 V DC power supply is required via the two outer conductors of the data rail and a data rail connector REG/4.
Power consumption: Normal operation approx. 40 mA
Programming mode approx. 100 mA
Device width: 3 modules = approx. 54 mm

In KNX, to be completed with: Function module tool software, art. no. 615014. Data rail, art. no. 6899.., data rail connector REG/4, art. no. 680602.

Version	Art. no.	PU	PG	Info
light grey	**676029**	1/30	9.3	



Function module tool software

The function module tool software is used to configure the application programs of the function module REG.
An easy-to-use graphic editor that runs under Windows makes it possible to program the function module on a conventional PC, which can also be used for the ETS program. The program created with the graphic editor is loaded into the function module via the computer's RS 232 interface after compilation (translation into the language of the function module).
The function module and additional program FM Loader 32 can be programmed under Windows NT, 2000 and XP operating systems, and also via the bus.

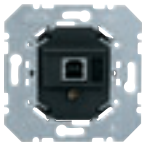
The function module tool software consists of:
Graphic editor: Function block library with over 50 function elements, task images and compilers to create programs.
Loader: For loading the programs into the function module.
Documenter: For creating and printing out the documentation.
PC requirements: min. 486 processor with min. 1 MB available space on the hard drive and a free serial interface.

In KNX, to be completed with: Function module REG, art. no. 676029.
Note: The program FM Loader 32 is available over the Internet for operating systems Windows NT, 2000 and XP.
Contents: Program diskettes with manual and copy-protected plug (dongle).

Version	Art. no.	PU	PG	Info
	615014	1/1	9.1	

Interfaces/gateways

- The devices have protection type IP 20 and can only be used indoors. Devices with a different type of protection are labelled separately.



USB interface, flush-mounted

For connecting a programming or diagnostics device with a USB1.1 or USB2 interface to the INSTABUS EIB.
For screw mounting in the size 60 installation box. With integrated bus coupler. The device is connected to the bus with a bus connecting terminal. Compatible with ETS 3.

Mounting depth: 20 mm

To be completed with: Central plate for telephone socket-outlet TAE, art. no. System M 2960.., 2979.., System Design 2978...
Contents: With bus connecting terminal.

Version	Art. no.	PU	PG	Info
	681799	1/30	9	

Central plate for telephone socket-outlet TAE

For System M.
For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**296044**	5/150	1	
polar white, glossy	**296019**	5/150	1	
active white, glossy	**296025**	5/150	1	
Thermoplastic classy matt				
white	**297944**	5/150	1	
polar white	**297919**	5/150	1	
anthracite	**297914**	5/150	1.1	
aluminium	**297960**	5/150	1.1	

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Central plate for telephone socket-outlet TAE

For System Design.
For telephone socket-outlets TAE or TDO, combination socket-outlets RJ45/TAE or flush-mounted USB interface.

To be completed with: Telephone socket-outlet TAE, art. no. 4652...Loudspeaker connection insert art. no. 4670...USB interface, flush-mounted, art. no. 681799.Telephone socket-outlet TDO, art. no. 465930.
Accessories: Labelling strips for switches, socket-outlets, art. no. 395019

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**297844**	1/150	1	
polar white	**297819**	1/150	1	
vanilla	**297882**	1/150	1.2	
ice blue	**297888**	1/150	1.2	
light grey	**297829**	1/150	1.2	
midnight blue	**297878**	1/150	1.2	
dark brazil	**297815**	1/150	1.2	
black grey	**297869**	1/150	1.2	
aluminium	**297860**	1/150	1.2	
metallic				
antique brass	**297843**	1/150	1.4	
stainless steel	**297846**	1/150	1.2	



USB interface REG-K

For connecting a programming or diagnostics device with a USB1.1 or USB2 interface to the INSTABUS EIB. For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary. With integrated bus coupler.

Device width: 2 modules = approx. 36 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**681829**	1/35	9.3	



Serial data interface, flush-mounted

Application module for System M.
To connect a programming or diagnostics device with an RS 232 interface to the KNX.
With operating display and 9-pin D-SUB socket connector.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**686044**	1/50	9	
polar white, glossy	**686019**	1/50	9	
active white, glossy	**686025**	1/50	9	
Thermoplastic classy matt				
white	**681144**	1/50	9	
polar white	**681119**	1/50	9	
anthracite	**681114**	1/50	9	
aluminium	**681160**	1/50	9	

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Serial data interface 2, flush-mounted

Application module for System M.
To connect a programming or diagnostics device with an RS 232 interface to the KNX. For communication with the FT 1.2 protocol.
With operating display and 9-pin D-SUB socket connector.

In KNX, to be completed with: Bus coupler, flush-mounted 2, art. no. 690299.
Note: When using the data interface for programming, use the ETS 3 with the FT 1.2 protocol.

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
polar white	**681219**	1/50	9	
anthracite	**681214**	1/50	9	
aluminium	**681260**	1/50	9	



Serial data interface, flush-mounted

Application module for System Design.
To connect a programming or diagnostics device with an RS 232 interface to the KNX.
With operating display and 9-pin D-SUB socket connector.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**681344**	1/50	9	
polar white	**681319**	1/50	9	
vanilla	**681382**	1/50	9	
ice blue	**681388**	1/50	9	
light grey	**681329**	1/50	9	
midnight blue	**681378**	1/50	9	
dark brazil	**681315**	1/50	9	
black grey	**681369**	1/50	9	
aluminium	**681360**	1/50	9	
metallic				
varnished stainless steel	**681346**	1/50	9	



Serial data interface 2, flush-mounted

Application module for System Design.
To connect a programming or diagnostics device with an RS 232 interface to the KNX. For communication with the FT 1.2 protocol.
With operating display and 9-pin D-SUB socket connector.

In KNX, to be completed with: Bus coupler, flush-mounted 2, art. no. 690299.
Note: When using the data interface for programming, use the ETS 3 with the FT 1.2 protocol.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**681444**	1/50	9	
polar white	**681419**	1/50	9	
vanilla	**681482**	1/50	9	
ice blue	**681488**	1/50	9	
light grey	**681429**	1/50	9	
midnight blue	**681478**	1/50	9	
dark brazil	**681415**	1/50	9	
black grey	**681469**	1/50	9	
aluminium	**681460**	1/50	9	
metallic				
varnished stainless steel	**681446**	1/50	9	

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Serial data interface REG-K

For connecting a programming or diagnostics device with an RS 232 interface to the INSTABUS. For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary. Data traffic via the RS 232 interface is indicated by a yellow LED. The green operating LED indicates that the interface is ready for operation.
With 9-pin D-SUB socket connector and integrated bus coupler.

Device width: 2 modules = approx. 36 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**681929**	1/70	9.3	



TeleConnect

TeleConnect can be used to connect the telephone network to conventional inputs/outputs and KNX systems. With integrated bus coupler.
Four conventional loads and six KNX functions can be controlled via a standard DTMF telephone or a DTMF hand-held transmitter. The status of the loads and device functions can be determined through speech output. The corresponding texts can be changed with the handset. The device states are indicated on the LCD in addition to the speech output. A four-digit code number prevents unauthorised access. An alarm function can also be programmed. The alarm function can be activated via 4 conventional alarm inputs and 2 KNX telegrams. In the event of an alarm, up to three telephone numbers can be dialled.

Mains voltage: AC 230 V + 10 %/- 15 %, 50 Hz (via plug-in power supply unit)
Outputs: 4 x DC 24 V
Dimensions: 220 x 180 x 40 mm (L x W x H)

Accessories: Handset, art. no. 660790.
Contents: With bus connecting terminal.

Version	Art. no.	PU	PG	Info
polar white	**680732**	1/4	9	



Handset for TeleConnect

Speech output of the various messages can be monitored and changed with the handset.

In KNX, to be completed with: TeleConnect, art. no. 680732. TeleConnect REG-S, art. no. 680729.

Version	Art. no.	PU	PG	Info
anthracite	**660790**	1/8	9.1	

Push-buttons

- The devices have protection type IP 20 and can only be used indoors. Devices with a different type of protection are labelled separately.



Control electronics, 1- to 4-gang

For the TRANCENT range.
The control electronics can be programmed as a 1-, 2- or 4-gang sensor cover.
With orientation LED. Operation of the glass cover is acknowledged with a short tone.

KNX software functions:
The covers facing each other can either be parameterised as a pair (dual-surface) or as individual buttons (single-surface). There are a total of 12 parameterisation options available.
Single-surface: dimming, toggling, pulse edges, temperature, scenes.
Dual-surface: blind control, switching, dimming, toggling, pulse edges, temperature, scene.

In KNX, to be completed with: Bus coupler, flush-mounted 2, art. no. 690299. TRANCENT glass sensor cover, art. no. 5691.., 5692.., 5693.., 5695...
Accessories: Cover foil for glass sensor cover, art. no. 569190, 569290, 569390.

Version	Art. no.	PU	PG	Info
1- to 4-gang	**623190**	1/100	9	

Push-button, 1-gang plus

For System M.
With integrated bus coupling unit.
Push-button with 2 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.
The device is connected to the bus line with a bus connecting terminal.

KNX software functions:
Switching, toggling, dimming (single/dual-surface), blind (single/dual-surface), pulse edges trigger 1-, 2-, 4- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions.

Accessories: Labelling sheets for push-buttons, art. no. 618319/20.
Contents: With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**617144**	1/60	9	
polar white, glossy	**617119**	1/60	9	
active white, glossy	**617125**	1/60	9	
Thermoplastic classy matt				
white	**627544**	1/60	9	
polar white	**627519**	1/60	9	
anthracite	**627514**	1/60	9	
aluminium	**627560**	1/60	9	

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Push-button, 2-gang plus

For System M.
With integrated bus coupling unit.
Push-button with four operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.
The device is connected to the bus line with a bus connecting terminal.

KNX software functions:
Switching, toggling, dimming (single/dual-surface), blind (single/dual-surface), pulse edges trigger 1-, 2-, 4- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions.

Accessories: Labelling sheets for push-buttons, art. no. 618319/20.
Contents: With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**617244**	1/60	9	
polar white, glossy	**617219**	1/60	9	
active white, glossy	**617225**	1/60	9	
Thermoplastic classy matt				
white	**627644**	1/60	9	
polar white	**627619**	1/60	9	
anthracite	**627614**	1/60	9	
aluminium	**627660**	1/60	9	

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Push-button, 4-gang plus

For System M.
With integrated bus coupling unit.
Push-button with 8 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.
The device is connected to the bus line with a bus connecting terminal.

KNX software functions:
Switching, toggling, dimming (single/dual-surface), blind (single/dual-surface), pulse edges trigger 1-, 2-, 4- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions.

Accessories: Labelling sheets for push-buttons, art. no. 618319/20.
Contents: With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**617444**	1/60	9	
polar white, glossy	**617419**	1/60	9	
active white, glossy	**617425**	1/60	9	
Thermoplastic classy matt				
white	**627844**	1/60	9	
polar white	**627819**	1/60	9	
anthracite	**627814**	1/60	9	
aluminium	**627860**	1/60	9	

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Push-button, 4-gang plus with IR receiver

For System M.
With integrated bus coupling unit.
Push-button with 8 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.
The functions of each of the keys can be triggered using an IR remote control.
The push-button is pre-programmed for operation with a Merten IR remote control Distance. Many other IR remote controls (e.g. existing TV or CD player remote controls) can be taught into the push-buttons.
The device is connected to the bus line with a bus connecting terminal.

KNX software functions:
Switching, toggling, dimming (single/dual-surface), blind (single/dual-surface), pulse edges trigger 1-, 2-, 4- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions.

Accessories: Labelling sheets for multi-function push-button with IR receiver, art. no. 618419/20.
Transmitter: IR remote control Distance, art. no. 570222.
Contents: With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**617544**	1/60	9	
polar white, glossy	**617519**	1/60	9	
active white, glossy	**617525**	1/60	9	
Thermoplastic classy matt				
white	**627944**	1/60	9	
polar white	**627919**	1/60	9	
anthracite	**627914**	1/60	9	
aluminium	**627960**	1/60	9	

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Push-button, 1-gang

Application module for System M.
Push-button with 2 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.

KNX software functions:
The push-buttons can be parameterised with different applications either as a pair (dual-surface) or individually (single-surface).
Single-surface: switching, pulse edge.
Dual-surface: switching, dimming, blind control, pulse edge.
In combination with flush-mounted actuator, additionally: send value, send temperature values, disable buttons.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618319/20. Protective hood for plaster, System M, art. no. 627591...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**620844**	1/100	9	
polar white, glossy	**620819**	1/100	9	
active white, glossy	**620825**	1/100	9	
Thermoplastic classy matt				
white	**623344**	1/100	9	
polar white	**623319**	1/100	9	
anthracite	**623314**	1/100	9	
aluminium	**623360**	1/100	9	

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Push-button, 2-gang

Application module for System M.
Push-button with 4 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.

KNX software functions:
The push-buttons can be parameterised with different applications either as a pair (dual-surface) or individually (single-surface).
Single-surface: switching, pulse edge.
Dual-surface: switching, dimming, blind control, pulse edge.
In combination with flush-mounted actuator, additionally: send value, send temperature values, disable buttons.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618319/20. Protective hood for plaster, System M, art. no. 627591...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**620944**	1/100	9	
polar white, glossy	**620919**	1/100	9	
active white, glossy	**620925**	1/100	9	
Thermoplastic classy matt				
white	**623444**	1/100	9	
polar white	**623419**	1/100	9	
anthracite	**623414**	1/100	9	
aluminium	**623460**	1/100	9	

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Push-button, 4-gang

Application module for System M.
Push-button with 8 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.

KNX software functions:
The push-buttons can be parameterised with different applications either as a pair (dual-surface) or individually (single-surface).
Single-surface: pulse edge.
Dual-surface: switching, dimming, blind control.
In combination with flush-mounted actuator, additionally: send value, send temperature values, disable buttons. Free functional selection.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618319/20. Protective hood for plaster, System M, art. no. 627591...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**621044**	1/100	9	
polar white, glossy	**621019**	1/100	9	
active white, glossy	**621025**	1/100	9	
Thermoplastic classy matt				
white	**623844**	1/100	9	
polar white	**623819**	1/100	9	
anthracite	**623814**	1/100	9	
aluminium	**623860**	1/100	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

Multi-function push-button, 4-gang

Application module for System M.
Push-button with 8 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.

KNX software functions:
The push-buttons can be parameterised either as a pair (dual-surface) or individually (single-surface).
Single-surface: switching, dimming, pulse edge, send value, scenes.
Dual-surface: switching, dimming, blind control, send value.

In KNX, to be completed with: Bus coupler, flush-mounted 2, art. no. 690299, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618319/20. Protective hood for plaster, System M, art. no. 627591...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**629144**	1/100	9	
polar white, glossy	**629119**	1/100	9	
active white, glossy	**629125**	1/100	9	
Thermoplastic classy matt				
white	**624144**	1/100	9	
polar white	**624119**	1/100	9	
anthracite	**624114**	1/100	9	
aluminium	**624160**	1/100	9	

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Multi-function push-button, 4-gang with IR receiver

Application module for System M.
Push-button with 8 operating buttons, 8 status displays, labelling field and IR receiver.
All functions of the respective buttons can be controlled via IR remote control Distance.
The operating display can also be used as an orientation light.

KNX software functions:
The push-buttons can be parameterised either as a pair (dual-surface) or individually (single-surface).
Single-surface: switching, dimming, pulse edge, send value, scenes.
Dual-surface: switching, dimming, blind control, send value.

In KNX, to be completed with: Bus coupler, flush-mounted 2, art. no. 690299, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for multi-function push-button with IR receiver, art. no. 618419/20. Protective hood for plaster, System M, art. no. 627591...
Transmitter: IR remote control Distance, art. no. 570222.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**629244**	1/100	9	
polar white, glossy	**629219**	1/100	9	
active white, glossy	**629225**	1/100	9	
Thermoplastic classy matt				
white	**624244**	1/100	9	
polar white	**624219**	1/100	9	
anthracite	**624214**	1/100	9	
aluminium	**624260**	1/100	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Labelling sheets for push-buttons

For individual labelling of the System M push-buttons with text or symbols.

To be completed with: System M push-button, 1-gang, 2-gang or 4-gang, art. no. 6171.., 6275.., 6208.., 6233.., 6172.., 6276.., 6209.., 6234.., 6174.., 6278.., 6210.., 6238.., 6291.., 6241...
Accessories: Labelling software, art. no. 615022.
Contents: 1 sheet for every 28 products.

Version	Art. no.	PU	PG	Info
polar white	**618319**	1/100	9	
silver	**618320**	1/100	9	



Labelling sheets for multi-function push-button with IR receiver

For individual labelling of the System M multi-function push-button with IR receiver.

To be completed with: System M multi-function push-button with IR receiver, art. no. 6175.., 6279.., 6292.., 6242...
Accessories: Labelling software, art. no. 615022.
Contents: 1 sheet for every 28 products.

Version	Art. no.	PU	PG	Info
polar white	**618419**	1/100	9	
silver	**618420**	1/100	9	

Protective hood for plaster

For System M.
To protect push-buttons, rockers, room temperature control units and room controllers from contamination from painting and decorating work.

Accessories from: Push-button in System M design, art. no. 6208.., 6209.., 6210.., 6233.., 6234.., 6238... Multi-function push-button in System M design, art. no. 6232.., 6241.., 6242.., 6273.., 6291.., 6292... Rockers for push-button modules in System M design, art. no. 6191.., 6192.., 6193.., 6194.., 6195.., 6196.., 6197.., 6251.., 6252.., 6254.., 6255.., 6256.., 6257.., 6258... Room temperature control unit, flush-mounted/PI, in System M design, art. no. 6247.., 6259...
Note: When the protective hood for plaster is in place, the temperature measurement of the room temperature control unit is restricted.

Version	Art. no.	PU	PG	Info
	627591	10/160	9	

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Multi-function push-button, 2-gang with room temperature control unit

Application module for System M.
Convenient control unit with 4 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.
With room temperature control unit and display. The room temperature control unit can be used for heating and cooling with infinitely adjustable KNX valve drives or to trigger switch actuators and heating actuators. With the white backlit display for showing e.g. the time, date, temperature and operating mode. Menu for setting default operating modes, setpoint value, working/non-working day, display mode, time, switching times and brightness.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.

KNX software functions:
Functions of the multi-function push-button:
Switching, toggling, dimming, blind control (relative or absolute), pulse edges trigger 1-, 2- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions, timed control with synchronisation, alarm functions, .the cyclic reading of external temperature values, fan control.
Functions of the room temperature control unit:
Type of controller: 2-step control, continuous PI control, switching PI control (PWM)
Output: Continuous in the range 0..100% or switching ON/OFF
Controller mode:
- Heating with one controller output
- Cooling with one controller output
- Heating and cooling with separate controller outputs
- Heating and cooling with one controller output
- 2-step heating with 2 control outputs
- 2-step cooling with 2 control outputs

Operating modes: comfort, comfort extension, standby, night economy, frost/heat protection
Operation: Menu

In KNX, to be completed with: Flush-mounted module for multi-function push-button with room temperature control unit, art. no. 623299.
Accessories: Labelling software, art. no. 615022. Protective hood for plaster, System M, art. no. 627591... Fan Coil actuator REG-K Art.-Nr. 645093.
Note: If you already have the labelling software, you can download the form for the multi-function push-button at www.merten.com. Use to label conventional foils (max. thickness 0.1 mm). For each device only one flat size 60 mounting box and one flush-mounted module are required.
Contents: Screw for protection against dismantling.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**627344**	1/17	9	
polar white, glossy	**627319**	1/17	9	
active white, glossy	**627325**	1/17	9	
Thermoplastic classy matt				
white	**623244**	1/17	9	
polar white	**623219**	1/17	9	
anthracite	**623214**	1/17	9	
aluminium	**623260**	1/17	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Multi-function push-button, 4-gang with room temperature control unit

Application module for M-PLAN.
Convenient control unit with 8 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light. With room temperature control unit and display. With integrated piezoelectric buzzer to display alarm states and IR receiver. All functions of the respective buttons can be controlled via IR remote control Distance.
The room temperature control unit can be used for heating and cooling with infinitely adjustable KNX valve drives or to trigger switch actuators and heating actuators. With the white backlit display for showing e.g. the time, date, temperature and operating mode. Menu for setting default operating modes, setpoint value, working/non-working day, display mode, time, switching times and brightness. The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.
KNX software functions:
Functions of the multi-function push-button:
Switching, toggling, dimming, blind control (relative or absolute), pulse edges trigger 1-, 2- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions, timed control with synchronisation, alarm functions, .the cyclic reading of external temperature values, fan control.
Functions of the room temperature control unit:
Type of controller: 2-step control, continuous PI control, switching PI control (PWM)
Output: Continuous in the range 0..100% or switching ON/OFF
Controller mode:
- Heating with one controller output
- Cooling with one controller output
- Heating and cooling with separate controller outputs
- Heating and cooling with one controller output
- 2-step heating with 2 control outputs
- 2-step cooling with 2 control outputs

Operating modes: comfort, comfort extension, standby, night economy, frost/heat protection
Operation: Menu

In KNX, to be completed with: Flush-mounted module for multi-function push-button with room temperature control unit, art. no. 623299. Frame, 2-gang without central bridge piece in M-PLAN design, art. no. 5873...
Accessories: Labelling software, art. no. 615022. Fan Coil actuator REG-K Art.-Nr. 645093.
Transmitter: IR remote control Distance, art. no. 570222.
Note: For each device only one flat size 60 mounting box and one flush-mounted module are required.
Contents: With screw for tamper-proofing, adhesive label, barrier covering the IR receiver.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**627444**	1/17	9	
polar white, glossy	**627419**	1/17	9	
active white, glossy	**627425**	1/17	9	
Thermoplastic classy matt				
white	**623644**	1/17	9	
polar white	**623619**	1/17	9	
anthracite	**623614**	1/17	9	
aluminium	**623660**	1/17	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Frame, 2-gang without central bridge piece

For M-PLAN.

Dimensions: 85.8 x 159 mm (HxW)

To be completed with: Orientation sign, art. no. System M 5869.., 5871.., 5868.., 5872.., multi-function push-button, 4-gang, with room temperature control unit, art. no. System M 6236.., 6274...

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**587344**	2/96	1	
polar white	**587319**	2/96	1	
anthracite	**587314**	2/96	1.1	
aluminium	**587360**	2/96	1.1	



Flush-mounted module for multi-function push-button with room temperature control unit

For the connection of multi-function push-buttons with room temperature control unit via an application interface.
For screw mounting in the size 60 installation box.
Flat design. With LED and push-button for programming.

Mounting depth: 20 mm

In KNX, to be completed with: Multi-function push-button, 2-gang, with room temperature control unit, art. no. System M 6232.., 6273, System Design 6287... Multi-function push-button, 2-gang, with room temperature control unit, art. no. System M 6274.., 6288, System Design 6236... PLANTEC multi-function push-button with room temperature control unit, art. no. 626008.
Accessories: Protective cover for plaster, art. no. 690098.
Contents: With bus connecting terminal.

Version	Art. no.	PU	PG	Info
	623299	1/50	9	



Push-button, 1-gang plus

For System Design.
With integrated bus coupling unit.
Push-button with two operating buttons, operating display, two blue status displays which can be triggered separately, and a labelling field. The blue operating display can also be used as an orientation sign. The lower labelling field can be parameterised as an additional operating key.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.
The device is connected to the bus line with a bus connecting terminal.

KNX software functions:
Switching, toggling, dimming (single/dual-surface), blind (single/dual-surface), pulse edges trigger 1-, 2-, 4- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions.

Accessories: Labelling sheets for push-button plus art. no. 617819.
Contents: With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**628044**	1/60	9	
polar white	**628019**	1/60	9	
aluminium	**628060**	1/60	9	
metallic				
stainless steel	**628046**	1/60	9	



Push-button, 2-gang plus

For System Design.
With integrated bus coupling unit.
Push-button with four operating buttons, operating display, four blue status displays which can be triggered separately, and a labelling field. The blue operating display can also be used as an orientation sign. The lower labelling field can be parameterised as an additional operating key.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.
The device is connected to the bus line with a bus connecting terminal.

KNX software functions:
Switching, toggling, dimming (single/dual-surface), blind (single/dual-surface), pulse edges trigger 1-, 2-, 4- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions.

Accessories: Labelling sheets for push-button plus art. no. 617819.
Contents: With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**628144**	1/60	9	
polar white	**628119**	1/60	9	
aluminium	**628160**	1/60	9	
metallic				
stainless steel	**628146**	1/60	9	

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Push-button, 3-gang plus

For System Design.
With integrated bus coupling unit.
Push-button with six operating buttons, operating display, six blue status displays which can be triggered separately, and a labelling field. The blue operating display can also be used as an orientation sign. The lower labelling field can be parameterised as an additional operating key.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.
The device is connected to the bus line with a bus connecting terminal.

KNX software functions:
Switching, toggling, dimming (single/dual-surface), blind (single/dual-surface), pulse edges trigger 1-, 2-, 4- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions.

Accessories: Labelling sheets for push-button plus art. no. 617819.
Contents: With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**628244**	1/60	9	
polar white	**628219**	1/60	9	
aluminium	**628260**	1/60	9	
metallic				
stainless steel	**628246**	1/60	9	



Push-button, 4-gang plus

For System Design.
With integrated bus coupling unit.
Push-button with eight operating buttons, operating display, eight blue status displays which can be triggered separately, and a labelling field. The blue operating display can also be used as an orientation sign. The lower labelling field can be parameterised as an additional operating key.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.
The device is connected to the bus line with a bus connecting terminal.

KNX software functions:
Switching, toggling, dimming (single/dual-surface), blind (single/dual-surface), pulse edges trigger 1-, 2-, 4- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions.

Accessories: Labelling sheets for push-button plus art. no. 617819.
Contents: With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**628344**	1/60	9	
polar white	**628319**	1/60	9	
aluminium	**628360**	1/60	9	
metallic				
stainless steel	**628346**	1/60	9	



Push-button, 4-gang plus with IR receiver

For System Design.
With integrated bus coupling unit.
Push-button with eight operating buttons, operating display, eight blue status displays which can be triggered separately, and a labelling field. The blue operating display can also be used as an orientation sign. The lower labelling field can be parameterised as an additional operating key.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.
The functions of each of the keys can be triggered using an IR remote control.
The push-button is pre-programmed for operation with a Merten IR remote control Distance. Many other IR remote controls (e.g. existing TV or CD player remote controls) can be taught to the push-buttons.
The device is connected to the bus line with a bus connecting terminal.

KNX software functions:
Switching, toggling, dimming (single/dual-surface), blind (single/dual-surface), pulse edges trigger 1-, 2-, 4- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions.

Accessories: Labelling sheets for push-button plus art. no. 617819.
Transmitter: IR remote control Distance, art. no. 570222.
Contents: With protective hood for plaster. With bus connecting terminal.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**628444**	1/60	9	
polar white	**628419**	1/60	9	
aluminium	**628460**	1/60	9	
metallic				
stainless steel	**628446**	1/60	9	

Labelling sheets for push-button plus

For individual labelling of the System Design push-button plus with text or symbols.
The labelling sheet in polar white/silver can be used for polar white, aluminium-coloured and stainless steel push-buttons.

To be completed with: System Design push-button plus, art. no. 6280.., 6281.., 6282.., 6283.., 6284...
Accessories: Labelling software, art. no. 615022.
Contents: 1 sheet for 20 products.

Version	Art. no.	PU	PG	Info
	617819	1/100	9	

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Multi-function push-button, 2-gang with room temperature control unit

Application module for System Design.
Convenient control unit with four operating buttons, operating display, four blue status displays which can be triggered separately, and a labelling field. The blue operating display can also be used as an orientation sign.
With room temperature control unit and display.
The room temperature control unit can be used for heating and cooling with infinitely adjustable KNX valve drives or to trigger switch actuators and heating actuators. With the white backlit display for showing e.g. the time, date, temperature and operating mode. Menu for setting default operating modes, setpoint value, working/non-working day, display mode, time, switching times and brightness.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.

KNX software functions:
Functions of the multi-function push-button:
Switching, toggling, dimming, blind control (relative or absolute), pulse edges trigger 1-, 2- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions, timed control with synchronisation, alarm functions, .the cyclic reading of external temperature values, fan control.
Functions of the room temperature control unit:
Type of controller: 2-step control, continuous PI control, switching PI control (PWM)
Output: Continuous in the range 0..100% or switching ON/OFF
Controller mode:
- Heating with one controller output
- Cooling with one controller output
- Heating and cooling with separate controller outputs
- Heating and cooling with one controller output
- 2-step heating with 2 control outputs
- 2-step cooling with 2 control outputs

Operating modes: comfort, comfort extension, standby, night economy, frost/heat protection
Operation: Menu

In KNX, to be completed with: Flush-mounted module for multi-function push-button with room temperature control unit, art. no. 623299.
Accessories: Labelling software, art. no. 615022. Fan Coil actuator REG-K Art.-Nr. 645093.
Note: If you already have the labelling software, you can download the form for the multi-function push-button at www.merten.com. Use to label conventional foils (max. thickness 0.1 mm).
Contents: Screw for protection against dismantling. With protective hood for plaster.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**628744**	1/17	9	
polar white	**628719**	1/17	9	
aluminium	**628760**	1/17	9	
metallic				
stainless steel	**628746**	1/17	9	



Multi-function push-button, 4-gang with room temperature control unit

Application module for System Design.
Convenient control unit with eight operating buttons, operating display, eight blue status displays which can be triggered separately, and a labelling field. The blue operating display can also be used as an orientation sign.
With room temperature control unit and display.
With integrated piezoelectric buzzer to display alarm states and IR receiver. All functions of the respective buttons can be controlled via IR remote control Distance.
The room temperature control unit can be used for heating and cooling with infinitely adjustable KNX valve drives or to trigger switch actuators and heating actuators. With the white backlit display for showing e.g. the time, date, temperature and operating mode. Menu for setting default operating modes, setpoint value, working/non-working day, display mode, time, switching times and brightness.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.

KNX software functions:
Functions of the multi-function push-button:
Switching, toggling, dimming, blind control (relative or absolute), pulse edges trigger 1-, 2- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions, timed control with synchronisation, alarm functions, .the cyclic reading of external temperature values, fan control.
Functions of the room temperature control unit:
Type of controller: 2-step control, continuous PI control, switching PI control (PWM)
Output: Continuous in the range 0..100% or switching ON/OFF
Controller mode:
- Heating with one controller output
- Cooling with one controller output
- Heating and cooling with separate controller outputs
- Heating and cooling with one controller output
- 2-step heating with 2 control outputs
- 2-step cooling with 2 control outputs

Operating modes: comfort, comfort extension, standby, night economy, frost/heat protection
Operation: Menu

In KNX, to be completed with: Flush-mounted module for multi-function push-button with room temperature control unit, art. no. 623299. ARTEC frame, 1.5-gang, art- no. 4819...
Accessories: Labelling software, art. no. 615022. Fan Coil actuator REG-K Art.-Nr. 645093.
Transmitter: IR remote control Distance, art. no. 570222.
Note: If you already have the labelling software, you can download the form for the multi-function push-button at www.merten.com. Use to label conventional foils (max. thickness 0.1 mm). For each device only one flat size 60 mounting box and one flush-mounted module are required.
Contents: With screw for tamper-proofing, adhesive label, barrier covering the IR receiver. With protective hood for plaster.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**628844**	1/17	9	
polar white	**628819**	1/17	9	
aluminium	**628860**	1/17	9	
metallic				
stainless steel	**628846**	1/17	9	

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Flush-mounted module for multi-function push-button with room temperature control unit

For the connection of multi-function push-buttons with room temperature control unit via an application interface.
For screw mounting in the size 60 installation box.
Flat design. With LED and push-button for programming.

Mounting depth: 20 mm

In KNX, to be completed with: Multi-function push-button, 2-gang, with room temperature control unit, art. no. System M 6232.., 6273, System Design 6287... Multi-function push-button, 2-gang, with room temperature control unit, art. no. System M 6274.., 6288, System Design 6236... PLANTEC multi-function push-button with room temperature control unit, art. no. 626008.
Accessories: Protective cover for plaster, art. no. 690098.
Contents: With bus connecting terminal.

Version	Art. no.	PU	PG	Info
	623299	1/50	9	



ARTEC frame, 1.5-gang

Dimensions: 80.5 x 111.7 mm (WxH)

In KNX, to be completed with: Multi-function push-button, 4-gang, with room temperature control unit, art. no. System Design 6288...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**481944**	2/100	1	
polar white	**481919**	2/100	1	
aluminium	**481960**	2/100	1.2	
metallic				
stainless steel	**481946**	2/100	1.2	



Push-button, 1-gang

Application module for System Design.
Push-button with 2 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light. Green or red light circles around the operating buttons indicate the operating state.
KNX software functions:
The push-buttons can be parameterised with different applications either as a pair (dual-surface) or individually (single-surface).
Single-surface: switching, pulse edge.
Dual-surface: switching, dimming, blind control, pulse edge.
In combination with flush-mounted actuator, additionally: send value, send temperature values, disable buttons.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618919/44. Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**622344**	1/100	9	
polar white	**622319**	1/100	9	
vanilla	**622382**	1/100	9	
ice blue	**622388**	1/100	9	
light grey	**622329**	1/100	9	
midnight blue	**622378**	1/100	9	
dark brazil	**622315**	1/100	9	
black grey	**622369**	1/100	9	
aluminium	**622360**	1/100	9	
metallic				
stainless steel	**622346**	1/100	9	



Push-button, 2-gang

Application module for System Design.
Push-button with 4 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light. Green or red light circles around the operating buttons indicate the operating state.
KNX software functions:
The push-buttons can be parameterised with different applications either as a pair (dual-surface) or individually (single-surface).
Single-surface: switching, pulse edge.
Dual-surface: switching, dimming, blind control, pulse edge. In combination with flush-mounted actuator, additionally: send value, send temperature values, disable buttons.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618919/44. Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**622444**	1/100	9	
polar white	**622419**	1/100	9	
vanilla	**622482**	1/100	9	
ice blue	**622488**	1/100	9	
light grey	**622429**	1/100	9	
midnight blue	**622478**	1/100	9	
dark brazil	**622415**	1/100	9	
black grey	**622469**	1/100	9	
aluminium	**622460**	1/100	9	
metallic				
stainless steel	**622446**	1/100	9	

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Push-button, 3-gang

Application module for System Design.
Push-button with 6 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light. Green or red light circles around the operating buttons indicate the operating state.

KNX software functions:
The push-buttons can be parameterised with different applications either as a pair (dual-surface) or individually (single-surface).
Dual-surface: switching, dimming, blind control.
In combination with flush-mounted actuator, additionally:
Single-surface: switching, pulse edges, send value. send temperature values, disable buttons.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618919/44. Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**622544**	1/100	9	
polar white	**622519**	1/100	9	
vanilla	**622582**	1/100	9	
ice blue	**622588**	1/100	9	
light grey	**622529**	1/100	9	
midnight blue	**622578**	1/100	9	
dark brazil	**622515**	1/100	9	
black grey	**622569**	1/100	9	
aluminium	**622560**	1/100	9	
metallic				
stainless steel	**622546**	1/100	9	



Push-button, 4-gang

Application module for System Design.
Push-button with 8 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light. Green or red light circles around the operating buttons indicate the operating state.

KNX software functions:
The push-buttons can be parameterised with different applications either as a pair (dual-surface) or individually (single-surface).
Single-surface: pulse edge.
Dual-surface: switching, dimming, blind control.
In combination with flush-mounted actuator, additionally: send value, send temperature values, disable buttons. Free functional selection.

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618919/44. Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**622644**	1/100	9	
polar white	**622619**	1/100	9	
vanilla	**622682**	1/100	9	
ice blue	**622688**	1/100	9	
light grey	**622629**	1/100	9	
midnight blue	**622678**	1/100	9	
dark brazil	**622615**	1/100	9	
black grey	**622669**	1/100	9	
aluminium	**622660**	1/100	9	
metallic				
stainless steel	**622646**	1/100	9	



Multi-function push-button, 4-gang

Application module for System Design.
Push-button with 8 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light. Green or red light circles around the operating buttons indicate the operating state.
With additional parameterisable button.

KNX software functions:
The push-buttons can be parameterised either as a pair (dual-surface) or individually (single-surf.).
Single-surface: switching, dimming, pulse edge, send value, scenes.
Dual-surface: switching, dimming, blind control, send value.

In KNX, to be completed with: Bus coupler, flush-mounted 2, art. no. 690299, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618919/44. Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**622744**	1/100	9	
polar white	**622719**	1/100	9	
vanilla	**622782**	1/100	9	
ice blue	**622788**	1/100	9	
light grey	**622729**	1/100	9	
midnight blue	**622778**	1/100	9	
dark brazil	**622715**	1/100	9	
black grey	**622769**	1/100	9	
aluminium	**622760**	1/100	9	
metallic				
stainless steel	**622746**	1/100	9	

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Multi-function push-button, 4-gang with IR receiver

Application module for System Design.
Push-button with 8 operating buttons, 8 status displays, labelling field and IR receiver.
All functions of the respective buttons can be controlled via IR remote control Distance.
Green or red light circles around the operating buttons indicate the operating state.
The operating display can also be used as an orientation light. With additional button.

KNX software functions:
The push-buttons can be parameterised either as a pair (dual-surface) or individually (single-surf.).
Single-surface: switching, dimming, pulse edge, send value, scenes.
Dual-surface: switching, dimming, blind control, send value.

In KNX, to be completed with: Bus coupler, flush-mounted 2, art. no. 690299, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Accessories: Labelling sheets for push-buttons, art. no. 618919/44. Protective hood for plaster, System Design, art. no. 628091...
Transmitter: IR remote control Distance, art. no. 570222.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**622844**	1/100	9	
polar white	**622819**	1/100	9	
vanilla	**622882**	1/100	9	
ice blue	**622888**	1/100	9	
light grey	**622829**	1/100	9	
midnight blue	**622878**	1/100	9	
dark brazil	**622815**	1/100	9	
black grey	**622869**	1/100	9	
aluminium	**622860**	1/100	9	
metallic				
stainless steel	**622846**	1/100	9	



Labelling sheets for push-buttons

For individual labelling of the System Design push-buttons with text or symbols.
The labelling sheet in polar white/silver can be used for polar white, aluminium-coloured and stainless steel push-buttons.

To be completed with: System Design push-buttons, 1-gang, 2-gang, 3-gang or 4-gang, art. no. 6223.., 6224.., 6225.., 6226.., 6227.., 6228...
Accessories: Labelling software, art. no. 615022.
Contents: 2 sheets for every 20 products.

Version	Art. no.	PU	PG	Info
white	**618944**	1/100	9	
polar white/silver	**618919**	1/100	9	

Protective hood for plaster

For System Design
To protect push-buttons, rockers, room temperature control units and room controllers from contamination from painting and decorating work.

Accessories from: Push-button in System Design, art. no. 6223.., 6224.., 6225.., 6226... Multi-function push-button in System Design, art. no. 6227.., 6228... Rockers for push-button modules in System Design, art. no. 6261.., 6262.., 6264.., 6265.., 6266.., 6267.., 6268... Room temperature control unit, flush-mounted/PI, in System Design, art. no. 6249...
Note: When the protective hood for plaster is in place, the temperature measurement of the room temperature control unit is restricted.

Version	Art. no.	PU	PG	Info
	628091	10/160	9	



EIB push-button module, 1-gang

For System M.
Push-button module without rocker. With programmable status display.
The device is connected to the bus line with a bus connecting terminal. With integrated bus coupler.

KNX software functions:
The push-buttons can be parameterised either as a pair (dual-surface) or individually (single-surface).
Single-surface: Switch ON or switch OFF, dimming, scenes.
Dual-surface: Switch ON or switch OFF, dimming, scenes, blinds.

In KNX, to be completed with: Rocker for push-button module, 1-gang, art. no. System M6191.., 6251... Rocker for push-button module, 1-gang, with 1/0 imprint, art. no. System M 6193.., 6254... Rocker for push-button module, 1-gang, with up/down arrow imprint, art. no. System M 6194.., 6255...

Version	Art. no.	PU	PG	Info
	625199	1/60	9	

Rocker for 1-gang push-button module

For System M.
The rocker is attached to the 1-gang push-button module.

In KNX, to be completed with: EIB push-button module, 1-gang, art. no. System M 625199.
Accessories: Protective hood for plaster, System M, art. no. 627591...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**619144**	1/150	9	
polar white, glossy	**619119**	1/150	9	
active white, glossy	**619125**	1/150	9	
Thermoplastic classy matt				
white	**625144**	1/150	9	
polar white	**625119**	1/150	9	
anthracite	**625114**	1/150	9	
aluminium	**625160**	1/150	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Rocker for 1-gang push-button module with 1/0 imprint

For System M.
The rocker is attached to the 1-gang push-button module.

In KNX, to be completed with: EIB push-button module, 1-gang, art. no. System M 625199.
Accessories: Protective hood for plaster, System M, art. no. 627591...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**619319**	1/150	9	
active white, glossy	**619325**	1/150	9	
Thermoplastic classy matt				
white	**625444**	1/150	9	
polar white	**625419**	1/150	9	
anthracite	**625414**	1/150	9	
aluminium	**625460**	1/150	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Rocker for 1-gang push-button module with up/down arrow imprint

For System M.
The rocker is attached to the 1-gang push-button module.

In KNX, to be completed with: EIB push-button module, 1-gang, art. no. System M 625199.
Accessories: Protective hood for plaster, System M, art. no. 627591...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**619419**	1/150	9	
active white, glossy	**619425**	1/150	9	
Thermoplastic classy matt				
white	**625544**	1/150	9	
polar white	**625519**	1/150	9	
anthracite	**625514**	1/150	9	
aluminium	**625560**	1/150	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



EIB push-button module, 2-gang

For System M.
Push-button module without rockers. With programmable status display.
The device is connected to the bus line with a bus connecting terminal. With integrated bus coupler.

KNX software functions:
The push-buttons can be parameterised either as a pair (dual-surface) or individually (single-surface).
Single-surface: Switch ON or switch OFF, dimming, scenes.
Dual-surface: Switch ON or switch OFF, dimming, scenes, blinds.

In KNX, to be completed with: Rockers for 2-gang push-button module, art. no. System M 6192.., 6252... Rockers for push-button module, 2-gang, with 1/0 and up/down arrow imprint, art. no. System M 6195.., 6256... Rockers for push-button module, 2-gang, with up/down arrow and 1/0 imprint, art. no. System M 6196.., 6257... Rockers for push-button module, 2-gang, with up/down arrow imprint, art. no. System M 6197.., 6258...

Version	Art. no.	PU	PG	Info
	625299	1/60	9	



Rockers for 2-gang push-button module

For System M.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System M 568499.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System M 625299.
Accessories: Protective hood for plaster, System M, art. no. 627591...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**619244**	1/150	9	
polar white, glossy	**619219**	1/150	9	
active white, glossy	**619225**	1/150	9	
Thermoplastic classy matt				
white	**625244**	1/150	9	
polar white	**625219**	1/150	9	
anthracite	**625214**	1/150	9	
aluminium	**625260**	1/150	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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Rockers for 2-gang push-button module with 1/0 and up/down arrow imprint

For System M.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System M 568499.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System M 625299.
Accessories: Protective hood for plaster, System M, art. no. 627591...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**619519**	1/150	9	
active white, glossy	**619525**	1/150	9	
Thermoplastic classy matt				
white	**625644**	1/150	9	
polar white	**625619**	1/150	9	
anthracite	**625614**	1/150	9	
aluminium	**625660**	1/150	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Rockers for 2-gang push-button module with up/down arrow and 1/0 imprint

For System M.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System M 568499.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System M 625299.
Accessories: Protective hood for plaster, System M, art. no. 627591...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**619619**	1/150	9	
active white, glossy	**619625**	1/150	9	
Thermoplastic classy matt				
white	**625744**	1/150	9	
polar white	**625719**	1/150	9	
anthracite	**625714**	1/150	9	
aluminium	**625760**	1/150	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



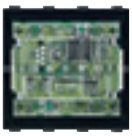
Rockers for 2-gang push-button module with up/down arrow imprint

For System M.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System M 568499.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System M 625299.
Accessories: Protective hood for plaster, System M, art. no. 627591...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
polar white, glossy	**619719**	1/150	9	
active white, glossy	**619725**	1/150	9	
Thermoplastic classy matt				
white	**625844**	1/150	9	
polar white	**625819**	1/150	9	
anthracite	**625814**	1/150	9	
aluminium	**625860**	1/150	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



EIB push-button module, 1-gang

For System Design
Push-button module without rocker. With programmable status display.
The device is connected to the bus line with a bus connecting terminal. With integrated bus coupler.

KNX software functions:
The push-buttons can be parameterised either as a pair (dual-surface) or individually (single-surface).
Single-surface: Switch ON or switch OFF, dimming, scenes.
Dual-surface: Switch ON or switch OFF, dimming, scenes, blinds.

In KNX, to be completed with: Rocker for 1-gang push-button module, art. no. System Design 6261... Rocker for push-button module, 1-gang, with 1/0 imprint, art. no. System Design 6264. Rocker for push-button module, 1-gang, with up/down arrow imprint, art. no. System Design 6265...

Version	Art. no.	PU	PG	Info
	626199	1/60	9	

Rocker for 1-gang push-button module

For System Design.
The rocker is attached to the 1-gang push-button module.

In KNX, to be completed with: EIB push-button module, 1-gang, art. no. System Design 626199.
Accessories: Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**626144**	1/150	9	
polar white	**626119**	1/150	9	
aluminium	**626160**	1/150	9	
metallic				
varnished stainless steel	**626146**	1/150	9	

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Rocker for 1-gang push-button module with 1/0 imprint

For System Design.
The rocker is attached to the 1-gang push-button module.

In KNX, to be completed with: EIB push-button module, 1-gang, art. no. System Design 626199.
Accessories: Protective hood for plaster, System Design, art. no. 628091...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**626444**	1/150	9	
polar white	**626419**	1/150	9	
aluminium	**626460**	1/150	9	
metallic				
varnished stainless steel	**626446**	1/150	9	

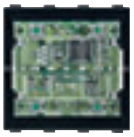


Rocker for 1-gang push-button module with up/down arrow imprint

For System Design.
The rocker is attached to the 1-gang push-button module.

In KNX, to be completed with: EIB push-button module, 1-gang, art. no. System Design 626199.
Accessories: Protective hood for plaster, System Design, art. no. 628091...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**626544**	1/150	9	
polar white	**626519**	1/150	9	
aluminium	**626560**	1/150	9	
metallic				
varnished stainless steel	**626546**	1/150	9	



EIB push-button module, 2-gang

For System Design
Push-button module without rockers. With programmable status display.
The device is connected to the bus line with a bus connecting terminal. With integrated bus coupler.

KNX software functions:
The push-buttons can be parameterised either as a pair (dual-surface) or individually (single-surface).
Single-surface: Switch ON or switch OFF, dimming, scenes.
Dual-surface: Switch ON or switch OFF, dimming, scenes, blinds.

In KNX, to be completed with: Rockers for 2-gang push-button module, art. no. System Design 6262... Rockers for push-button module, 2-gang, with 1/0 and up/down arrow imprint, art. no. System Design 6266... Rockers for push-button module, 2-gang, with up/down arrow and 1/0 imprint, art. no. System Design 6267... Rockers for push-button module, 2-gang, with up/down arrow imprint, art. no. System Design 6268...

Version	Art. no.	PU	PG	Info
	626299	1/60	9	



Rockers for 2-gang push-button module

For System Design.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System Design 568199.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System Design 626299.
Accessories: Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**626244**	1/150	9	
polar white	**626219**	1/150	9	
aluminium	**626260**	1/150	9	
metallic				
varnished stainless steel	**626246**	1/150	9	



Rockers for 2-gang push-button module with 1/0 and up/down arrow imprint

For System Design.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System Design 568199.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System Design 626299.
Accessories: Protective hood for plaster, System Design, art. no. 628091...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**626644**	1/150	9	
polar white	**626619**	1/150	9	
aluminium	**626660**	1/150	9	
metallic				
varnished stainless steel	**626646**	1/150	9	



Rockers for 2-gang push-button module with up/down arrow and 1/0 imprint

For System Design.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System Design 568199.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System Design 626299.
Accessories: Protective hood for plaster, System Design, art. no. 628091...
Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**626744**	1/150	9	
polar white	**626719**	1/150	9	
aluminium	**626760**	1/150	9	
metallic				
varnished stainless steel	**626746**	1/150	9	

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Rockers for 2-gang push-button module with up/down arrow imprint

For System Design.
The rockers are attached to the 2-gang push-button module.

To be completed with: Push-button module, 2-gang, art. no. System Design 568199.
In KNX, to be completed with: EIB push-button module, 2-gang, art. no. System Design 626299.
Accessories: Protective hood for plaster, System Design, art. no. 628091...

Availability: New articles available June 2007.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**626844**	1/150	9	
polar white	**626819**	1/150	9	
aluminium	**626860**	1/150	9	
metallic				
varnished stainless steel	**626846**	1/150	9	



IP20

Bus coupling insert, 1-gang

The rocker for switches and push-button switches, the rocker marked "0"/ "1", the rocker with labelling field and the rocker with opening for symbols from System Basis, System Design and OctoColor can all be fitted on the 1-gang bus coupling insert. With programmable operating or status display for rockers with opening for symbols. We can also adapt the switch ranges AQUADESIGN, AQUACLASSIC and ANTI-VANDALISM for the 1-gang bus coupling insert as a special version.
With integrated bus coupler. In the version with middle position, the rockers can be moved up and down (three-way rocker). In the version without middle position, telegrams are only generated when the lower half of the rocker is pressed (two-way rocker).
For mounting in the size 60 installation box. With push-button and LED for programming.

KNX software functions:
For art. no. 671198: Switching. Toggling. Status display.
For art. no. 671199: Switching. Dimming. Blinds. Toggling. Status display.

Version	Art. no.	PU	PG	Info
with middle position	**671199**	1/50	9	
without middle position	**671198**	1/50	9	



IP20

Bus coupling insert, 2-gang

The rocker for two-circuit switches, the rocker for roller shutter switches and push-buttons from System Basis, System M, System Design and OCTOCOLOR can all be fitted on the 2-gang bus coupling insert. We can also adapt the switch ranges AQUADESIGN and AQUACLASSIC for the 2-gang bus coupling insert as a special version.
With integrated bus coupler. In the version with middle position, the rockers can be moved up and down (three-way rocker). In the version without middle position, telegrams are only generated when the lower half of the rocker is pressed (two-way rocker).
For mounting in the size 60 installation box. With push-button and LED for programming.

KNX software functions:
For art. no. 671298: Switching. Toggling. Dimming. 1 group of blinds.
For art. no. 671299: Switching. Toggling. Dimming. 2 groups of blinds.

Version	Art. no.	PU	PG	Info
with middle position	**671299**	1/50	9	
without middle position	**671298**	1/50	9	



Labelling software

For professional labelling of DIN A4 labelling sheets in System Basis, System M, System Design and OCTOCOLOR.

Version	Art. no.	PU	PG	Info
	615022	1/20	9.1	

Binary inputs

- The devices have protection type IP 20 and can only be used indoors. Devices with a different type of protection are labelled separately.



Push-button interface, 2-gang plus

Generates an internal signal voltage for connecting two conventional push-buttons or floating contacts, and for connecting two low-current LEDs. The cores are 30 cm long and can be extended to max. 7.5 m. For installation in a conventional 60 mm switch box.

KNX software functions:
Switching, dimming or controlling blinds via 1 or 2 inputs, position values for blind control (8-bit), pulse edges with 1-, 2-, 4-, or 8-bit telegrams, differentiation between short and long activation, initialisation telegram, cyclical transmission, pulse edges with 2-byte telegrams, 8-bit linear regulator, scenes, counter, disable function, break contact/make contact, debounce time. Outputs for connecting control lamps (low-current LEDs) for the status display.

For each input/output object type:
Contact voltage: < 3 V (SELV)
Contact current: < 0.5 mA
Output current: max. 2 mA
Max. cable length: 30 cm unshielded, can be extended up to max. 7.5 m with twisted unshielded cable.
Dimensions: approx. 40x30.5x12.5 mm (LxWxH)

Accessories: LED light attachment, two-colour, for switch inserts art. no. 396512.

Version	Art. no.	PU	PG	Info
polar white	**670802**	1/150	9	



Push-button interface, 4-gang plus

Generates an internal signal voltage for connecting four conventional push-buttons or floating contacts, and for connecting four low-current LEDs. The cores are 30 cm long and can be extended to max. 7.5 m. For installation in a conventional 60 mm switch box.

KNX software functions:
Switching, dimming or controlling blinds via 1 or 2 inputs, position values for blind control (8-bit), pulse edges with 1-, 2-, 4-, or 8-bit telegrams, differentiation between short and long activation, initialisation telegram, cyclical transmission, pulse edges with 2-byte telegrams, 8-bit linear regulator, scenes, counter, disable function, break contact/make contact, debounce time. Outputs for connecting control lamps (low-current LEDs) for the status display.

For each input/output object type:
Contact voltage: < 3 V (SELV)
Contact current: < 0.5 mA
Output current: max. 2 mA
Max. cable length: 30 cm unshielded, can be extended up to max. 7.5 m with twisted unshielded cable.
Dimensions: approx. 40x30.5x12.5 mm (LxWxH)

Accessories: LED light attachment, two-colour, for switch inserts art. no. 396512.

Version	Art. no.	PU	PG	Info
polar white	**670804**	1/150	9	



LED light attachment, two-colour, for switch inserts

DC 3.3 V, 2 mA

For all 1- and 2-pole switch inserts.
For monitoring or lighting applications. The LED light attachment has a two-colour LED (red/green), the colour which lights up depends on the connection concerned.

To be completed with: Push-button interface, art. no. 670802, 670804, 763004.
Note: When using the push-button interface art. no. 670802, 670804 or 763004, a current limiter is not required. When using with other devices, the voltage must be between 3.3 V and 24 V. Please note that the maximum current must be limited to 30 mA.
Contents: With LED.

Version	Art. no.	PU	PG	Info
	396512	1/150	1	



Binary input, flush-mounted/4x10

For connecting four conventional push-buttons or floating contacts to the KNX. Internally generates a signal voltage SELV, electrically isolated from the bus.
With integrated bus coupler 2. Insertion in a 40 mm deep installation box.

KNX software functions:
Switching, dimming or blind control via 1 or 2 inputs. Positioning values for blind control (8-bit). Pulse edges with 1-, 2- or 8-bit telegrams. Differentiation between short/long operation. Initialisation telegram. Cyclical sending. Pulse edges with 2-byte telegrams. 8-bit linear regulator. Disable function. Break/make contact. Debounce time.

Inputs: 4
Contact voltage: max. 10 V, clocked
Contact current: max. 2 mA, pulsing
Cable length: max. 50 m, bus connecting cable or bell wire (Y, J-FY, YR)
Dimensions: 48x44x33 mm (HxWxD)

Contents: With bus connecting terminal.

Version	Art. no.	PU	PG	Info
	639898	1/50	9	

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Binary input REG-K/4x10

For connecting four conventional push-buttons or floating contacts to the KNX. Internally generates a signal voltage SELV, electrically isolated from the bus.
With integrated bus coupler and plug-in screw terminals. For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary.
The input voltage level is displayed at each input with a yellow LED. A green LED indicates that the device is ready for operation once the application has been loaded.

KNX software functions:
Switching, dimming or blind control via 1 or 2 inputs. Positioning values for blind control (8-bit). Pulse edges with 1-, 2-, 4-, or 8-bit telegrams. Differentiation between short/long operation. Initialisation telegram. Cyclical sending. Pulse edges with 2-byte telegrams. 8-bit linear regulator. Disable function. Break/make contact. Debounce time.

Inputs: 4
Contact voltage: max. 10 V, clocked
Contact current: max. 2 mA, pulsing
Cable length: max. 50 m
Device width: 2.5 modules = approx. 45 mm

Contents: With bus connecting terminal and cable cover.
Availability: Available June 2007.

Version	Art. no.	PU	PG	Info
light grey	**644492**	1/30	9.3	



Binary input REG-K/8x10

For connecting eight conventional push-buttons or floating contacts to the KNX. Internally generates a signal voltage SELV, electrically isolated from the bus.
With integrated bus coupler and plug-in screw terminals. For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary.
The input voltage level is displayed at each input with a yellow LED. A green LED indicates that the device is ready for operation once the application has been loaded.

KNX software functions:
Switching, dimming or blind control via 1 or 2 inputs. Positioning values for blind control (8-bit). Pulse edges with 1-, 2-, 4-, or 8-bit telegrams. Differentiation between short/long operation. Initialisation telegram. Cyclical sending. Pulse edges with 2-byte telegrams. 8-bit linear regulator. Disable function. Break/make contact. Debounce time.

Inputs: 8
Contact voltage: max. 10 V, clocked
Contact current: max. 2 mA, pulsing
Cable length: max. 50 m
Device width: 4 modules = approx. 70 mm

Contents: With bus connecting terminal and cable cover.
Availability: Available April 2007.

Version	Art. no.	PU	PG	Info
light grey	**644592**	1/10	9.3	



Binary input REG-K/4x24

For connecting four conventional devices with AC/DC 24 V outputs to the KNX.
With integrated bus coupler and plug-in screw terminals. For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary.
The input voltage level is displayed at each input with a yellow LED. A green LED indicates that the device is ready for operation once the application has been loaded.

KNX software functions:
Switching, dimming or blind control via 1 or 2 inputs. Positioning values for blind control (8-bit). Pulse edges with 1-, 2-, 4-, or 8-bit telegrams. Differentiation between short/long operation. Initialisation telegram. Cyclical sending. Pulse edges with 2-byte telegrams. 8-bit linear regulator. Disable function. Break/make contact. Debounce time.

Input voltage: AC / DC 24 V
Inputs: 4
Input current: DC 15 mA (30 V),
AC 6 mA (27 V)
0 signal: ≤ 5 V
1 signal: ≥ 11 V
Cable length: max. 100 m
Device width: 2.5 modules = approx. 45 mm

Accessories: Power supply REG, DC 24 V/0.4 A, art. no. 693003. Power supply REG, DC 24 V/1 A, art. no. 693004. Power supply REG, AC 24 V / 1 A, art. no. 663529.
Contents: With bus connecting terminal and cable cover.
Availability: Available June 2007.

Version	Art. no.	PU	PG	Info
light grey	**644892**	1/30	9.3	



Binary input REG-K/8x24

For connecting 8 conventional devices with AC/DC 24 V outputs to KNX.
With integrated bus coupler and plug-in screw terminals. For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary.
The input voltage level is displayed at each input with a yellow LED. A green LED indicates that the device is ready for operation once the application has been loaded.

KNX software functions:
Switching, dimming or blind control via 1 or 2 inputs. Positioning values for blind control (8-bit). Pulse edges with 1-, 2-, 4-, or 8-bit telegrams. Differentiation between short/long operation. Initialisation telegram. Cyclical sending. Pulse edges with 2-byte telegrams. 8-bit linear regulator. Disable function. Break/make contact. Debounce time.

Input voltage: AC/DC 24V
Inputs: 8
Input current: DC approx. 15 mA/AC approx. 6 mA
Line length: max. 100 m
Device width: 4 modules = approx. 72 mm

Accessories: Power supply REG, DC 24 V/0.4 A, art. no. 693003. Power supply REG, DC 24 V/1 A, art. no. 693004. Power supply REG, AC 24 V / 1 A, art. no. 663529.
Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**644792**	1/10	9.3	

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Binary input REG-K/4x230

For connecting four conventional devices with AC 230 V outputs to the KNX.
With integrated bus coupler and plug-in screw terminals. For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary.
The input voltage level is displayed at each input with a yellow LED. A green LED indicates that the device is ready for operation once the application has been loaded.

KNX software functions:
Switching, dimming or blind control via 1 or 2 inputs. Positioning values for blind control (8-bit). Pulse edges with 1-, 2-, 4-, or 8-bit telegrams. Differentiation between short/long operation. Initialisation telegram. Cyclical sending. Pulse edges with 2-byte telegrams. 8-bit linear regulator. Disable function. Break/make contact. Debounce time.

Input voltage: AC 230 V, 50-60Hz
Inputs: 4
Input current: AC 12 mA
0 signal: ≤ 40 V
1 signal: ≥ 160 V
Cable length: max. 100 m
Device width: 2.5 modules = approx. 45 mm

Contents: With bus connecting terminal and cable cover.
Availability: Available June 2007.

Version	Art. no.	PU	PG	Info
light grey	**644992**	1/30	9.3	



Binary input REG-K/8x230

For connecting eight conventional devices with AC 230 V outputs to the KNX.
With integrated bus coupler and plug-in screw terminals. For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary.
The input voltage level is displayed at each input with a yellow LED. A green LED indicates that the device is ready for operation once the application has been loaded.

KNX software functions:
Switching, dimming or blind control via 1 or 2 inputs. Positioning values for blind control (8-bit). Pulse edges with 1-, 2-, 4-, or 8-bit telegrams. Differentiation between short/long operation. Initialisation telegram. Cyclical sending. Pulse edges with 2-byte telegrams. 8-bit linear regulator. Disable function. Break/make contact. Debounce time.

Input voltage: AC 230V, 50-60Hz
Inputs: 8
Input current: AC approx. 7 mA
Line length: max. 100 m
Device width: 4 modules = approx. 72 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**644692**	1/10	9.3	

Other sensors

- The devices have protection type IP 20 and can only be used indoors. Devices with a different type of protection are labelled separately.



INSTABUS ARGUS 220 Connect

KNX movement detector for outdoors.
Potentiometers for setting functions are located underneath the cover plate. With integrated bus coupler. A programming magnet is necessary to program the physical address.

KNX software functions:
The function of a staircase timer can be configured with an OFF delay of one second to 152 hours. It can also be switched or blocked by the bus. The switch threshold of the light-sensitive switch can be configured with a potentiometer. The status of the light-sensitive switch can be issued as a telegram on the bus. Cyclical transmission of the detected movement can be programmed. Up to 4 functions can be activated simultaneously when a movement is detected.

Angle of detection: 220°
Range: max. 16 m
Number of levels: 7
Number of zones: 112 with 448 switching segments
Light sensor: infinitely adjustable from 3-1000 lux
Time: can be set externally from 1 sec. to approx. 8 min. in 6 levels or via ETS from approx. 3 sec. to approx. 152 hours.
Sensitivity: infinitely adjustable
Possible to set the sensor head
Wall mounting: 9° up, 24° down, 12° left/right, ± 12° axial
Ceiling mounting: 4° up, 29° down, 25° left/right, ± 8.5° axial
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC
Type of protection: IP 55

IP55

Accessories: Mounting bracket, art. no. 565291/92/93. Programming magnet for valve drive EMO, art. no. 639190.
Technical Information: ARGUS 220 Connect/Timer (⇒ p. 491)
Contents: With cover plate and segments to limit the area of detection, screws and plugs.

Version	Art. no.	PU	PG	Info
polar white	**631519**	1/12	9	
dark brazil	**631515**	1/6	9	
aluminium	**631569**	1/6	9	

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ARGUS 180, flush-mounted

Application module for System M.
Movement detector for indoors.
When a movement is detected, a data telegram defined by the programming is transmitted.

KNX software functions:
The function of a staircase timer can be set with an OFF delay of one second to 152 hours and can also be switched or blocked by the bus. The switch threshold of the light-sensitive switch can be configured with a potentiometer. The status of the light-sensitive switch can be issued as a telegram on the bus. Cyclical transmission of the detected movement can be programmed. Up to 4 functions can be activated simultaneously when a movement is detected.

Range: 8 m
Area of detection: 180°
Light sensors: infinitely adjustable from approx. 5 to 1000 lux

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**629044**	1/50	9	
polar white, glossy	**629019**	1/50	9	
active white, glossy	**629025**	1/50	9	
Thermoplastic classy matt				
white	**624344**	1/50	9	
polar white	**624319**	1/50	9	
anthracite	**624314**	1/50	9	
aluminium	**624360**	1/50	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



ARGUS 180, flush-mounted

Application module for System Design.
Movement detector for indoors.
When a movement is detected, a data telegram defined by the programming is transmitted.

KNX software functions:
The function of a staircase timer can be set with an OFF delay of one second to 152 hours and can also be switched or blocked by the bus. The switch threshold of the light-sensitive switch can be configured with a potentiometer. The status of the light-sensitive switch can be issued as a telegram on the bus. Cyclical transmission of the detected movement can be programmed. Up to 4 functions can be activated simultaneously when a movement is detected.

Range: 8 m
Area of detection: 180°
Light sensors: infinitely adjustable from approx. 5 to 1000 lux

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.

Antique brass on request.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**621444**	1/50	9	
polar white	**621419**	1/50	9	
vanilla	**621482**	1/50	9	
ice blue	**621488**	1/50	9	
light grey	**621429**	1/50	9	
midnight blue	**621478**	1/50	9	
dark brazil	**621415**	1/50	9	
black grey	**621469**	1/50	9	
aluminium	**621460**	1/50	9	
metallic				
varnished stainless steel	**621446**	1/50	9	



ARGUS 180 / 2.20 m, flush-mounted

Application module for System M.
Indoor movement detector with anti-crawl protection.
When a movement is detected, a data telegram defined by the programming is transmitted.

KNX software functions:
The function of a staircase timer can be set with an OFF delay of one second to 152 hours and can also be switched or blocked by the bus. The switch threshold of the light-sensitive switch can be configured with a potentiometer. The status of the light-sensitive switch can be issued as a telegram on the bus. Cyclical transmission of the detected movement can be programmed. Up to 4 functions can be activated simultaneously when a movement is detected.

Area of detection: 180°
Number of levels: 6
Number of zones: 46
Range: 8 m right/left, 12 m to the front
Light sensor: infinitely adjustable from approx. 5 to 1000 lux
Time: adjustable in steps of 1 s to 8 min, or set individually via the software
Mounting height: 2.2 m or 1.1 m with half the range

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099, switch actuator, flush-mounted, art. no. 627099, series actuator, flush-mounted, art. no. 627199, blind actuator, flush-mounted, art. no. 627299.
Contents: With cover segments to limit the area of detection.
Availability: Available August 2006.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**630344**	1/40	9	
polar white, glossy	**630319**	1/40	9	
active white, glossy	**630325**	1/40	9	
Thermoplastic classy matt				
white	**630244**	1/40	9	
polar white	**630219**	1/40	9	
anthracite	**630214**	1/40	9	
aluminium	**630260**	1/40	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



INSTABUS ARGUS Presence

Indoor presence detection.
The INSTABUS ARGUS Presence detects the slightest movement in a room and transmits data telegrams via the KNX.
If the lighting is controlled by brightness-dependent movement detection, the device constantly monitors the brightness in the room, and when there is sufficient natural light, it deactivates the actuator for the artificial light even if there is still someone in the room. The overshoot time can be adjusted using the ETS.
With integrated bus coupler. For mounting on the ceiling in a 60 mm installation box. Optimum height 2.50 m. With the surface-mounted housing for ARGUS Presence, the device can also be installed in non-suspended ceilings.

KNX software functions:
Movement detection can trigger up to three functions simultaneously (1xpresence function). Dynamic overshoot time, which is determined depending on the use of the room. Interconnection of large systems possible (master/slave).

Angle of detection: 360°
Range: a radius of max. 7 m from installation site (at a mounting height of 2.50 m).
Number of levels: 6
Number of zones: 136 w. 544 switching segments
Light sensor: infinitely adjustable from approx. 10 to 1000 lux using the ETS
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC

Accessories: Surface-mounted housing for ARGUS Presence, art. no. 550619.
Technical Information: ARGUS Presence (⇒ p. 502)
Contents: With bus connecting terminal and supporting plate.

Version	Art. no.	PU	PG	Info
polar white	**630590**	1/6	9	



INSTABUS ARGUS Presence with constant lighting control

Indoor presence detection.
Features as for INSTABUS ARGUS Presence, art. no. 630590.
Lighting control triggered by presence is achieved using an integral brightness sensor. With integrated bus coupler.
If the lighting is controlled by brightness-dependent movement detection, the device constantly monitors the brightness in the room. ARGUS regulates the artificial light or switches it off when there is sufficient natural light, even if there is still someone in the room. The overshoot time can be adjusted using the ETS.

Angle of detection: 360°
Range: a radius of max. 7 m from installation site (at a mounting height of 2.50 m).
Number of levels: 6
Number of zones: 136 with 544 switching segments
Light sensor: infinitely adjustable from approx. 10 to 1000 lux using the ETS
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC

Accessories: Surface-mounted housing for ARGUS Presence, art. no. 550619.
Technical Information: ARGUS Presence (⇒ p. 502)
Contents: With bus connecting terminal and supporting plate.

Version	Art. no.	PU	PG	Info
polar white	**630592**	1/6	9	

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INSTABUS ARGUS Presence with IR receiver

Indoor presence detection.
As for INSTABUS ARGUS Presence, art. no. 630590.
IR remote control. The infrared commands are converted into the corresponding data telegrams. Up to 10 channels can be controlled. With integrated bus coupler.
If the lighting is controlled by brightness-dependent movement detection, the device constantly monitors the brightness in the room and when there is sufficient natural light, it deactivates the actuator for the artificial light even if there is still someone in the room. The overshoot time can be adjusted using the ETS.

Angle of detection: 360°
Range: a radius of max. 7 m from installation site (at a mounting height of 2.50 m).
Number of levels: 6
Number of zones: 136 with 544 switching segments
Light sensor: infinitely adjustable from approx. 10 to 1000 lux using the ETS
EC guidelines: Low voltage guideline 73/23/EEC and EMC guideline 89/336/EEC

Accessories: Surface-mounted housing for ARGUS Presence, art. no. 550619.
Transmitter: IR remote control Distance, art. no. 570222.
Technical Information: ARGUS Presence (⇒ p. 502)
Contents: With bus connecting terminal and supporting plate.

Version	Art. no.	PU	PG	Info
polar white	**630591**	1/6	9	



Surface-mounted housing for ARGUS Presence

The surface-mounted housing for ARGUS Presence devices also allows them to be surface mounted.

To be completed with: ARGUS Presence, art. no. 550590/91. INSTABUS ARGUS Presence, art. no. 630590/91/92.
Technical Information: ARGUS Presence (⇒ p. 502)

Version	Art. no.	PU	PG	Info
polar white	**550619**	1/21	8	



IR remote control Distance 2010

10-channel IR remote control. For the control of all TELE sensor covers, blind push-buttons with IR receiver, presence detectors with IR receiver and KNX devices with IR receivers.

Battery: 2 microcells (IEC LR 03, AAA)
Range: up to 20 m

Receiver: TELE sensor cover, art. no. System M 5779.., 5703.., 5711.., System Basis 5748.., System Design 5709.., OCTOCOLOR 5749... Blind push-button with IR receiver and sensor connection, art. no. System M 5880.., 5864.., System Basis 5804..,System Design 5844.., OCTOCOLOR 5824... ARGUS Presence with IR receiver, art. no. 550591, 630591. KNX IR receiver flush-mounted art. No. System Design 6235.. KNX multi-function push-button with IR receiver, art. no. 623008 System M 6292.., 6242.., 6274.., 6236.., 6175.., 6279.., System Design 6228.., Plantec 626008, 623008. Push-button, 4-gang plus with IR receiver, art. no. System M 6175.., 6279...
Contents: Without battery.

Version	Art. no.	PU	PG	Info
black	**570222**	1/48	8	



Analogue input REG-K 4-gang

The analogue input records and processes analogue sensor signals. Up to four analogue sensors can be connected in any combination. In connection with the analogue input module REG/4-gang, 8 analogue inputs are available, to which the connection is made using the sub-bus.
For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary.
Evaluation and limit value processing is performed in the analogue input. With continuity checking of the 4 ... 20 mA inputs.

Auxiliary voltage: AC 24 V (+/-10 %)
Analogue inputs: 4
Current interface: 0 ... 20 mA, 4 ... 20 mA
Voltage interface: 0 ... 1 V, 0 ... 10 V
Outputs: DC 24 V, 100 mA
Continuity checking: 4 ... 20 mA
Device width: 4 modules = approx. 72 mm

In KNX, to be completed with: Power supply REG, AC 24 V / 1 A, art. no. 663529.
Accessories: Analogue input module REG/4-gang, art. no. 682192. Wind sensor with 0-10 V interface, art. no. 663591. Wind sensor with 0-10 V interface and heating, art. no. 663592. Rain sensor, art. no. 663595. Brightness sensor, art. no. 663593: Twilight sensor, art. no. 663594: Temperature sensor, art. no. 663596.
Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**682191**	1/25	9.3	



Analogue input module REG/4-gang

Extension module to extend weather station REG-K/4-gang and analogue input REG-K/4-gang from 4 to 8 analogue outputs. Connections are made using the sub-bus. Up to four analogue sensors can be connected in any combination.
For installation on DIN rails EN 50022.
Evaluation and limit value processing is performed in the analogue input or weather station. With continuity checking of the 4 ... 20 mA inputs.

Auxiliary voltage: AC 24 V (+/-10 %)
Rating: max. 4 VA
Analogue inputs: 4
Current interface: 0 ... 20 mA, 4 ... 20 mA
Voltage interface: 0 ... 1 V, 0 ... 10 V (DC)
A/D conversion: 14 bit
Outputs: DC 24 V, 100 mA
Continuity checking: 4 ... 20 mA
Device width: 4 modules = approx. 72 mm

In KNX, to be completed with: Weather station REG-K/4-gang, art. no. 682991. Analogue input REG-K/4-gang, art. no. 682191. Power supply REG, AC 24 V / 1 A, art. no. 663529.
Accessories: Wind sensor with 0-10 V interface, art. no. 663591. Wind sensor with 0-10 V interface and heating, art. no. 663592. Rain sensor, art. no. 663595. Brightness sensor, art. no. 663593: Twilight sensor, art. no. 663594: Temperature sensor, art. no. 663596.
Contents: With sub-bus jumper.

Version	Art. no.	PU	PG	Info
light grey	**682192**	1/25	9.3	

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Brightness controller, built-in/HR1

For brightness-dependent control and regulation of switch actuators and dimmer actuators. The device is suitable for surface mounting and for installing in devices, e.g. in lamps. With integrated bus coupler.
The light sensor is installed in the ceiling with the clamping spring and rosette. The brightness values measured by the light sensor are transmitted to the controller which then controls the lighting via the KNX.

KNX software functions:
Device adjusts to the lighting conditions. Lighting control. Transmission of brightness value. Two-step control.

Controller:
Adjustment range: 150 ... 1950 Lux
Connections:
To the light sensor: Screwless plug-in terminal
To the bus: Bus connecting terminal
Dimensions: 243 x 42 x 28 mm (L x W x H)
Light sensor:
Connections: 3 x 0.6 mm² with 1.5 m cable
Length of connecting cable
Controller/light sensor: 1.5 m, cannot be extended
Dimensions: 77.4 x 26 x 25 mm (L x W x H)

Contents: With bus connecting terminal, lighting controller, light sensor with cable, clamping spring and rosette.

Version	Art. no.	PU	PG	Info
light grey	**650629**	1/7	9	



Light-sensitive switch REG-S/DS1

For brightness-dependent control of switch and blind actuators for example. For mounting on DIN rails EN 50022-35 x 7.5, with integrated data rail. Without bus coupler, with light sensor and application interface looped through at the side for plugging onto the bus coupler REG (ordered separately).

KNX software functions:
Possible to program behaviour when the switch threshold is reached. ON and OFF delay times can also be programmed.

Connection length for twilight switch / brightness sensor: max. 100 m
Adjustment ranges: 2-300 lux and 200-20,000 lux
Hysteresis: approx. 1.3 times the set value
Device width: 2 modules = approx. 36 mm

In KNX, to be completed with: Bus coupler REG, art. no. 690599. Data rail, art. no. 6899 ..

Version	Art. no.	PU	PG	Info
light grey	**670601**	1/24	9.3	



Weather station REG-K/4-gang

The weather station records and processes analogue sensor signals such as wind speed, brightness, twilight, precipitation and a DCF-77 signal. Up to four analogue sensors and the DCF-77 weather combi-sensor can be connected in any combination.
In connection with the 4-gang analogue input module, 8 analogue inputs are available, to which the connection is made using the sub-bus.
For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary.
If DCF-77 weather combi-sensors are used, it is possible to access a pre-configured setting in the software.
The measured values are converted by the weather station into 1 byte / 2 byte telegrams (EIS 6/5 value). This enables bus devices (visualisation software, measured value displays) to access the control processes, generate signals or control weather-dependent processes. Programming is performed using the ETS tool for the weather station.

Functions:
- Two limit values per sensor (not for rain)
- Connection of multiple wind sensors
- 14 signals can be evaluated
- Evaluation of DCF-77 time signal (date and time)
- Astro function
- Logic operation controller for application of limit-value-dependent actions (even external)
- Shading of individual façade segments
- Signal monitoring of the combi-sensors with object for the following protective measures
- Checking the wind signal for conclusiveness with object for the following protective measures
- Selective façade shading (for 4 façades) with adjustment of the basic brightness, façade alignment, angle of opening relative to the sun.
- External objects for intervention in basic brightness, angle of opening and limit values
- Alarm byte
- Continuity monitoring with report on the bus

Auxiliary voltage: AC 24 V (+/-10 %)
Analogue inputs: 4
Current interface: 0 ... 20 mA, 4 ... 20 mA
Voltage interface: 0 ... 1 V, 0 ... 10 V
Outputs: DC 24 V, 100 mA
Device width: 4 modules = approx. 72 mm

In KNX, to be completed with: Power supply REG, AC 24 V / 1 A, art. no. 663529. ETS tool for weather station, art. no. 615048. **Accessories:** Analogue input module REG/4-gang, art. no. 682192. Weather combi-sensor/DCF-77, art. no. 663692. Wind sensor with 0-10 V interface, art. no. 663591. Wind sensor with 0-10 V interface and heating, art. no. 663592. Rain sensor, art. no. 663595. Brightness sensor, art. no. 663593: Twilight sensor, art. no. 663594: Temperature sensor, art. no. 663596.

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**682991**	1/25	9.3	



ETS tool for weather station

Programming software for the ETS for parameterising the weather station REG-K/4-gang.

In KNX, to be completed with: Weather station REG-K/4-gang, art. no. 682991.

Price on request.

Note: The software is available on the Internet or on the Merten info CD.

Version	Art. no.	PU	PG	Info
	615048	1/1	9	



IP65

Weather combi-sensor DCF-77

The weather combi-sensor includes a wind sensor, precipitation sensor, twilight sensor and three brightness sensors (East, South, West). With integral DCF-77 receiver, antenna rotatable through 45° and integral heating. Suitable for external installation on a wall or on a mast. The sensor is connected to a weather station REG-K/4-gang. The weather data is evaluated in the weather station. The necessary power supplies are provided by the weather station with connected power supply REG.

Power supply: AC 24 V (+/- 15 %)
Power consumption: max. 600 mA (with heating)
Sensors: 6
Wind speed: 1 ... 40 m/s (≤ 0.5 m/s)
Brightness: 0 ... 110 klux (+/- 10 %)
Twilight 0 ... 250 lux
Type of protection: IP 65 when installed
Temperature range: - 40 °C ... + 60 °C (non-icing)
Fixing method: Mounting bracket
Dimensions: 130x200 mm (∅xH)

In KNX, to be completed with: Weather station REG-K/4-gang, art. no. 682991.

Note: If weather-dependent automatic functions are to be carried out, use the blind actuators art. no. 6498...

Version	Art. no.	PU	PG	Info
black	**663692**	1/1	9	



IP65

Wind sensor with 0-10 V interface

The wind sensor evaluates the wind speed and converts it into an analogue 0-10 V output voltage. For external installation and connection to the weather station REG-K/4-gang or the analogue input REG-K/4-gang. These two devices provide the supply voltage necessary to operate the sensor.

Measuring range: 0.7 ... 40 m/s, linear
Output: 0 ... 10 V
External power supply:
Voltage: 24 V DC (18-32 V DC)
Power consumption: approx. 12 mA
General specifications:
Type of protection: IP 65
Load: max. 60 m/s transient
Incoming cable: 3 m, LiYY 6 x 0.25 mm²
Fixing method: Mounting bracket
Mounting position: vertical

In KNX, to be completed with: Weather station REG-K/4-gang, art. no. 682991. Analogue input REG-K/4-gang, art. no. 682191. Analogue input module REG/4-gang, art. no. 682192.

Contents: With mounting bracket.

Version	Art. no.	PU	PG	Info
polar white	**663591**	1/2	9	



IP65

Wind sensor with 0-10 V interface and heating

The wind sensor evaluates the wind speed and converts it into an analogue 0-10 V output voltage. The integrated heater can be operated via an external power supply of AC 24 V/500 mA for trouble-free operation in frosty weather.
For external installation and connection to the weather station REG-K/4-gang or the analogue input REG-K/4-gang. These two devices provide the supply voltage necessary to operate the sensor.

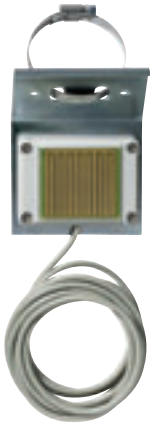
Measuring range: 0.7 ... 40 m/s, linear
Output: 0 ... 10 V
External power supply:
Voltage: 24 V DC (18-32 V DC)
Power consumption: approx. 12 mA
Heating: 24 V DC/AC PTC element (80° C)
General specifications:
Type of protection: IP 65
Load: max. 60 m/s transient
Incoming cable: 3 m, LiYY 6 x 0.25 mm²
Fixing method: Mounting bracket
Mounting position: vertical

In KNX, to be completed with: Weather station REG-K/4-gang, art. no. 682991. Analogue input REG-K/4-gang, art. no. 682191. Analogue input module REG/4-gang, art. no. 682192.
Accessories: Power supply REG, AC 24 V / 1 A, art. no. 663529.

Contents: With mounting bracket.

Version	Art. no.	PU	PG	Info
polar white	**663592**	1/2	9	

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IP65

Rain sensor

The rain sensor is used to record and evaluate precipitation and is intended for external mounting. A sensor evaluates the conductivity of the rainwater. The heating is controlled by a microprocessor which supplies an output signal of 0 V or 10 V. The end of the rainfall can be recorded almost immediately with the help of an in-built heater. The heater requires an additional voltage of 24 V AC or DC. For external installation and connection to the weather station REG-K/4-gang or the analogue input REG-K/4-gang. These two devices provide the supply voltage necessary to operate the sensor.

Output: 0 V dry, 10 V rain
External power supply:
Voltage: 24 V DC (15-30 V DC)
Power consumption: approx. 10 mA (without heating)
Heating: 24 V DC/AC max. 4.5 W
General specifications:
Type of protection: IP 65
Incoming cable: 3 m, UYY 5 x 0.25 mm²
Fixing method: Mounting bracket
Mounting position: approx. 45°

In KNX, to be completed with: Weather station REG-K/4-gang, art. no. 682991. Analogue input REG-K/4-gang, art. no. 682191. Analogue input module REG/4-gang, art. no. 682192.
Accessories: Power supply REG, AC 24 V / 1 A, art. no. 663529.
Contents: With holder for installing the sensor on walls and masts.

Version	Art. no.	PU	PG	Info
	663595	1/5	9	



IP65

Brightness sensor

The brightness sensor is required for recording and evaluating brightness. Brightness is recorded via a photoelectric diode and electronically converted into an analogue output signal of 0 V - 10 V. For external installation and connection to the weather station REG-K/4-gang or the analogue input REG-K/4-gang. These two devices provide the supply voltage necessary to operate the sensor.

Measuring range: 0 to 60,000 lux, linear
Output: 0 ... 10 V short-circuit-proof
External power supply:
Voltage: 24 V DC (15-30 V DC)
Power consumption: approx. 5 mA
General specifications:
Incoming cable: using PG7 screw fitting
Recommended cable: 3 x 0.25 mm²
Type of protection: IP 65
Dimensions: 58 x 35 x 64 (W x H x D)

In KNX, to be completed with: Weather station REG-K/4-gang, art. no. 682991. Analogue input REG-K/4-gang, art. no. 682191. Analogue input module REG/4-gang, art. no. 682192.

Version	Art. no.	PU	PG	Info
light grey	**663593**	1/80	9	



IP65

Twilight sensor

The twilight sensor is required to record and evaluate brightness. Brightness is recorded via a photoelectric diode and electronically converted into an analogue output signal of 0 V - 10 V.
For external installation and connection to the weather station REG-K/4-gang or the analogue input REG-K/4-gang. These two devices provide the supply voltage necessary to operate the sensor.

Measuring range: 0 to 255 lux, linear
Output: 0 ... 10 V short-circuit-proof
External power supply:
Voltage: 24 V DC (15-30 V DC)
Power consumption: approx. 5 mA
General specifications:
Incoming cable: using PG7 screw fitting
Recommended cable: 3 x 0.25 mm²
Type of protection: IP 65
Dimensions: 58 x 35 x 64 (W x H xD)

In KNX, to be completed with: Weather station REG-K/4-gang, art. no. 682991. Analogue input REG-K/4-gang, art. no. 682191. Analogue input module REG/4-gang, art. no. 682192.

Version	Art. no.	PU	PG	Info
light grey	**663594**	1/80	9	



IP65

Temperature sensor

The temperature is measured with the temperature sensor and converted into an analogue output signal of 0-10 V.
For external installation and connection to the weather station REG-K/4-gang or the analogue input REG-K/4-gang. These two devices provide the supply voltage necessary to operate the sensor.

Measuring range: -30° C to +70° C linear
Output: 0 ... 10 V short-circuit-proof
External power supply:
Voltage: 24 V DC (15-30 V DC)
Power consumption: approx. 3 mA
General specifications:
Incoming cable: using PG7 screw fitting
Recommended cable: 3 x 0.25 mm²
Type of protection: IP 65
Dimensions: 58 x 35 x 64 (W x H x D)

In KNX, to be completed with: Weather station REG-K/4-gang, art. no. 682991. Analogue input REG-K/4-gang, art. no. 682191. Analogue input module REG/4-gang, art. no. 682192.

Version	Art. no.	PU	PG	Info
light grey	**663596**	1/80	9	

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Time switch

- The devices have protection type IP 20 and can only be used indoors. Devices with a different type of protection are labelled separately.



Year time switch REG-K/4/324

Quartz-controlled four-channel year time switch. The device can be programmed manually on the device itself or on the PC using the CTS Chip Tool software. With bus coupler. For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary. After programming on the PC, all switching times are exported to a memory chip available as an accessory, and transmitted from this into one or more time switches.

Time functions:

- 324 non-volatile switching times for selectable daily, weekly and date commands, impulse commands
- 1x switching operation for holiday/public holidays
- 10 weekly programs for holidays and public holidays per channel
- Free formation of channel and weekday blocks
- Manual switching is possible via preselection and permanent switches
- Random program can be activated
- Operation with mains connection possible
- High reserve power
- Quarz-controlled
- Automatic changeover between summer and winter time

KNX software functions:
Switching. Dimming. Send time and date. Scene. Priority.

Operating voltage: Bus, DC 24 V
Accuracy: ≤ ±1 s/day
Reserve power: 1.5 years at full operability. Data backup in disconnected state approx. 40 years (EEPROM)
Type of protection: IP 20
Device width: 6 modules = approx. 105 mm

Accessories: CTS ChipTool software, art. no. 615034. Memory chip for year time switches, art. no. 668092.

Version	Art. no.	PU	PG	Info
light grey	**677129**	1/10	9.3	



Year time switch REG-K/4/324 DCF-77

4-channel year time switch with power supply unit and integrated DCF receiver. To be completed with the DCF-77 antenna for radio-controlled time synchronisation. Time and date can be issued on the bus. The device can be programmed manually on the device itself or on the PC using the CTS Chip Tool software. With bus coupler. For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary. After programming on the PC, all switching times are exported to a memory chip available as an accessory, and transmitted from this into one or more time switches.

Time functions:

- 324 non-volatile switching times for selectable daily, weekly and date commands, impulse commands
- 1x switching operation for holiday/public holidays
- 10 weekly programs for holidays and public holidays per channel
- Free formation of channel and weekday blocks
- Manual switching is possible via preselection and permanent switches
- Random program can be activated
- High reserve power
- Automatic changeover between summer and winter time
- Automatic time synchronisation with DCF possible

KNX software functions:
Switching. Dimming. Send time and date. Scene. Priority.

Operating voltage: Bus, DC 24 V
AC 230 V ±10%, 50-60 Hz for antenna
Accuracy: ≤ ±1s/day
Reserve power: 1.5 years at full operability. Data backup in disconnected state approx. 40 years (EEPROM)
Type of protection: IP 20
Device width: 6 modules = approx. 105 mm

In KNX, to be completed with: DCF-77 antenna, art. no. 668091.
Accessories: CTS ChipTool software, art. no. 615034. Memory chip for year time switches, art. no. 668092.

Version	Art. no.	PU	PG	Info
light grey	**677029**	1/10	9.3	



DCF-77 antenna

Antenna for receiving the time by radio signal. The antenna should be connected to a year time switch REG-K/4/324 DCF-77.

Type of protection: IP 65

IP65

In KNX, to be completed with: Year time switch REG-K/4/324 DCF-77, art. no. 677029.
Contents: With mounting bracket.

Version	Art. no.	PU	PG	Info
light grey	**668091**	1/20	9	



Chip tool software CTS

Software for convenient entry of the switching times for the year time switches REG-K/4/324 on a PC. With adapter for the serial interface to load the program to the memory chip.

System requirements:
IBM-compatible, 386 or higher, Windows 95, 98

In KNX, to be completed with: Year time switch REG-K/4/324, art. no. 677129. Year time switch REG-K/4/324 DCF-77, art. no. 677029.
Accessories: Memory chip for year time switches, art. no. 668092.
Contents: With adapter and a memory chip.

Version	Art. no.	PU	PG	Info
	615034	1/4	9.1	



Memory chip for year time switches

EEPROM memory chip for 324 switching times for programming the year time switch REG K/4/324. The program which is created with the chip tool software CTS is loaded into the memory chip and can then be imported into one or several year time switches.

In KNX, to be completed with: Year time switch REG-K/4/324, art. no. 677129. Year time switch REG-K/4/324 DCF-77, art. no. 677029. CTS ChipTool software, art. no. 615034.

Version	Art. no.	PU	PG	Info
	668092	1/80	9.1	



Time switch REG-S/2/42

2-channel day and week time switch. Without bus coupler, with application interface looped through at the side. Other REG-S devices can be attached to the REG bus coupler. For installation on DIN rails EN 50022-35 x 7.5 with integrated data rail.
Time functions:

- 2 channels and 42 memory slots
- Toggling between manual/automatic mode
- Daily and weekly program
- Free formation of weekday blocks
- Free formation of channel blocks
- Holiday program
- Random-check generator
- Manual changeover between summer and winter time
- Reserve power

KNX software functions:
Behaviour when ON or OFF time is reached. ON and OFF delays.

Device width: 2 modules = approx. 36 mm

In KNX, to be completed with: Bus coupler REG, art. no. 690599.

Version	Art. no.	PU	PG	Info
light grey	**670301**	1/42	9.3	

Switch actuators

- The devices have protection type IP 20 and can only be used indoors. Devices with a different type of protection are labelled separately.



Switch actuator, flush-mounted/ 230/10

For switching a load via make contact. For screw mounting in the size 60 installation box. With integrated bus coupler 2 and screw terminals. The device is connected to the bus with a bus connecting terminal.

KNX software functions:
Actuator functions: Switching. Staircase lighting function. Logic operation. Blocking. Status feedback. Relay operation as break contact/make contact. Behaviour on bus voltage failure. Behaviour on bus voltage recovery
Push-button functions: Switching. Dimming. Blind control. Toggling. Pulse edge evaluation. Transmitting values. Disable function.

Switch contact: 1 x make contact, floating
Nominal voltage: AC 230 V, 50-60 Hz
Nominal current: 10 A, cosφ =1; 10 A, cosφ =0.6
Capacitor load: 10 A, C ≤ 140 µF
Connected loads:
Incandescent lamps: AC 230 V, max. 2,300 W
Halogen lamps: AC 230 V, max. 2,000 W
Fluorescent lamps: 10 A, C ≤ 140 µF
AC 230 V, max. 900 W, uncompensated
AC 230 V, max. 320 W, with parallel compensation
AC 230 V, max. 1,500 W, twin-lamp circuit

In KNX, to be completed with: Flush-mounted application modules push-buttons 1- to 4-gang, multi-function push-button 4-gang with/without IR receiver, ARGUS 180 flush-mounted or blanking cover from System M, System Design.
Accessories: Protective cover for plaster, art. no. 690098.
Contents: With bus connecting terminal.

Version	Art. no.	PU	PG	Info
	627099	1/60	9	



Series actuator, flush-mounted/ 230/6

For independent switching of two loads via make contacts. For screw mounting in the size 60 installation box. With integrated bus coupler 2 and screw terminals. The device is connected to the bus with a bus connecting terminal.

KNX software functions:
Actuator functions: Switching. Staircase lighting function. Logic operation. Blocking. Status feedback. Relay operation as break contact/make contact. Behaviour on bus voltage failure. Behaviour on bus voltage recovery
Push-button functions: Switching. Dimming. Blind control. Toggling. Pulse edge evaluation. Transmitting values. Disable function.

Switch contact: 2 x make contacts, floating
Nominal voltage: AC 230 V, 50-60 Hz
Nominal current: 6 A, cosφ =1; 6 A, cosφ =0.6
Capacitor load: 6 A, C ≤ 4 µF
Connected loads:
Incandescent lamps: AC 230 V, max. 1000 W
Halogen lamps: AC 230 V, max. 800 W
Fluorescent lamps: 6 A, C ≤ 4 µF
AC 230 V, max. (10x58) W, uncompensated

In KNX, to be completed with: Flush-mounted application modules push-buttons 1- to 4-gang, multi-function push-button 4-gang with/without IR receiver, ARGUS 180 flush-mounted or blanking cover from System M, System Design.
Accessories: Protective cover for plaster, art. no. 690098.
Contents: With bus connecting terminal.

Version	Art. no.	PU	PG	Info
	627199	1/60	9	



Switch actuator, flush-mounted/ 230/16

For switching a load via a make contact. With integrated bus coupler and screw terminals. The device is connected to the bus with a bus connecting terminal. The actuator can be built into a 47 mm ceiling socket with hook or a flush-mounted switch box.

KNX software functions:
Operation as break or make contact, delay functions for each channel, staircase lighting function with/without manual OFF function, cut-out warning for staircase lighting function, blocking and additional logic operation or priority control, scenes, status feedback function per channel, central function, comprehensive parameterisation for bus voltage failure and recovery, parameterisable download behaviour.

Nominal voltage: AC 230 V, 50-60 Hz
Nominal current: 16 A, ohmic load
10 A, cosφ = 0.6
Nominal output
Incandescent lamps: AC 230 V, max. 2700 W
Halogen lamps: AC 230 V, max. 1700 W
Fluorescent lamps: AC 230 V, max. 1000 VA with parallel compensation
Capacitive load: AC 230 V, max. 105 µF

Contents: With bus connecting terminal.

Version	Art. no.	PU	PG	Info
polar white	**629993**	1/100	9	



Switch actuator REG-K/2x230/10 with manual mode

For independent switching of up to 2 loads via make contacts. The function of the switching channels is freely configurable. All switching outlets can be operated manually using push-button operation. With integrated bus coupler. For installation on DIN rails EN 50022.
Bus connection is via bus terminals, a data rail is not necessary. Channel status display via LEDs. A green LED indicates readiness for operation.

KNX software functions:
Operation as break contact/make contact. Programmable behaviour for download. Delay functions for each channel. Staircase lighting function with/without manual OFF function. Cut-out warning for staircase lighting function. Scenes. Central function. Disable function. Logic operation or priority control. Status feedback function for each channel.

Power supply:
Nominal voltage: AC 230 V, 50-60 Hz
For each switch output:
Nominal current: 10 A, cosφ = 1; 10 A, cosφ = 0.6
Incandescent lamps: AC 230 V, max. 2000 W
Halogen lamps: AC 230 V, max. 1700 W
Fluorescent lamps:
AC 230 V, max. 1800 W, uncompensated
AC 230 V, max. 1000 W with parallel compensation
Capacitive load: AC 230 V, max. 105 µF

Device width: 2.5 modules = approx. 45 mm

Note: In the ARGUS control system to control the alarm siren with flashlight, art. no. 665192.
Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**649202**	1/10	9.3	

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Switch actuator REG-K/2x230/16 with manual mode

For independent switching of two loads via make contacts. With integrated bus coupler and screw terminals. For installation on DIN rails EN 50022. The 230 V switch output can be operated with a manual switch.
The bus is connected using a bus connecting terminal; a data rail is not necessary. A green LED indicates readiness for operation after the application has been loaded.

KNX software functions:
Operation as break or make contact, delay functions for each channel, staircase lighting function with/without manual OFF function, cut-out warning for staircase lighting function, blocking and additional logic operation or priority control, scenes, status feedback function per channel, central function, comprehensive parameterisation for bus voltage failure and recovery, parameterisable download behaviour.

Nominal voltage: AC 230 V, 50-60 Hz
For each switching contact:
Nominal current: 16 A, cosφ = 0.6
Incandescent lamps: AC 230 V, max. 3600 W
Halogen lamps: AC 230 V, max. 2500 W
Fluorescent lamps: AC 230 V, max. 2500 VA
Capacitive load: AC 230 V, 16 A, max. 200 µF
Device width: 2.5 modules = approx. 45 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**647393**	1/30	9.3	



Switch actuator REG-K/4x230/10 with manual mode

For independent switching of up to 4 loads via make contacts. The function of the switching channels is freely configurable. All switching outlets can be operated manually using push-button operation. With integrated bus coupler. For installation on DIN rails EN 50022.
Bus connection is via bus terminals, a data rail is not necessary. Channel status display via LEDs. A green LED indicates readiness for operation.

KNX software functions:
Operation as break contact/make contact. Programmable behaviour for download. Delay functions for each channel. Staircase lighting function with/without manual OFF function. Cut-out warning for staircase lighting function. Scenes. Central function. Disable function. Logic operation or priority control. Status feedback function for each channel.

Power supply:
Nominal voltage: AC 230 V, 50-60 Hz
For each switch output:
Nominal current: 10 A, cosφ = 1; 10 A, cosφ = 0.6
Incandescent lamps: AC 230 V, max. 2000 W
Halogen lamps: AC 230 V, max. 1700 W
Fluorescent lamps:
AC 230 V, max. 1800 W, uncompensated
AC 230 V, max. 1000 W with parallel compensation
Capacitive load: AC 230 V, max. 105 µF

Device width: 4 modules = approx. 72 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**649204**	1/10	9.3	



Switch actuator REG-K/4x230/16 with manual mode

For independent switching of four loads via make contacts. With integrated bus coupler 2 and screw terminals. For installation on DIN rails EN 50022. The 230 V switch output can be operated with a manual switch.
The bus is connected using a bus connecting terminal; a data rail is not necessary. A green LED indicates readiness for operation after the application has been loaded.

KNX software functions:
Operation as break or make contact, delay functions for each channel, staircase lighting function with/without manual OFF function, cut-out warning for staircase lighting function, blocking and additional logic operation or priority control, scenes, status feedback function per channel, central function, comprehensive parameterisation for bus voltage failure and recovery, parameterisable download behaviour.

Nominal voltage: AC 230 V, 50-60 Hz
For each switching contact:
Nominal current: 16 A, cosφ = 0,6
Incandescent lamps: AC 230 V, max. 3600 W
Halogen lamps: AC 230 V, max. 2500 W
Fluorescent lamps: AC 230 V, max. 2500 VA
Capacitive load: AC 230 V, 16 A, max. 200 µF
Device width: 4 TE = approx. 72 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**647593**	1/10	9.3	



Switch actuator REG-K/8x230/6

For independent switching of eight loads via make contacts. With integrated bus coupler and plug-in screw terminals. For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary. A green LED indicates readiness for operation after the application has been loaded.

KNX software functions:
Operation as break or make contact, delay functions for each channel, staircase lighting function with/without manual OFF function, cut-out warning for staircase lighting function, blocking and additional logic operation or priority control, scenes, status feedback function per channel, central function, comprehensive parameterisation for bus voltage failure and recovery, parameterisable download behaviour.

Nominal voltage: AC 230 V, 50-60 Hz
For each switching contact:
Nominal current: 6 A, cosφ = 0.6
Incandescent lamps: AC 230 V, max. 1380 W
Halogen lamps: AC 230 V, max. 1380 W
Fluorescent lamps: AC 230 V, max. 1000 VA
Capacitive load: AC 230 V, 6 A, max. 105 µF
Device width: 4 modules = approx. 72 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**646808**	1/10	9.3	



Switch actuator REG-K/8x230/10 with manual mode

For independent switching of up to 8 loads via make contacts. The function of the switching channels is freely configurable. All switching outlets can be operated manually using push-button operation. With integrated bus coupler. For installation on DIN rails EN 50022.
Bus connection is via bus terminals, a data rail is not necessary. Channel status display via LEDs. A green LED indicates readiness for operation.

KNX software functions:
Operation as break contact/make contact. Programmable behaviour for download. Delay functions for each channel. Staircase lighting function with/without manual OFF function. Cut-out warning for staircase lighting function. Scenes. Central function. Disable function. Logic operation or priority control. Status feedback function for each channel.

Power supply:
Nominal voltage: AC 230 V, 50-60 Hz
For each switch output:
Nominal current: 10 A, cosφ = 1; 10 A, cosφ = 0.6
Incandescent lamps: AC 230 V, max. 2000 W
Halogen lamps: AC 230 V, max. 1700 W
Fluorescent lamps:
AC 230 V, max. 1800 W, uncompensated
AC 230 V, max. 1000 W with parallel compensation
Capacitive load: AC 230 V, max. 105 µF

Device width: 4 modules = approx. 72 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**649208**	1/10	9.3	

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Switch actuator REG-K/8x230/16 with manual mode

For independent switching of 8 loads via make contacts. All 230 V switch outputs can be operated with manual switches. With integrated bus coupler. For installation on DIN rails EN 50022.
The device is connected to the mains via screw terminals; every second L connection is bridged internally. The bus is connected using a bus connecting terminal; a data rail is not necessary. A green LED indicates readiness for operation after the application has been loaded.

KNX software functions:
Operation as break or make contact, delay functions for each channel, staircase lighting function with/without manual OFF function, cut-out warning for staircase lighting function, blocking and additional logic operation or priority control, scenes, status feedback function per channel, central function, comprehensive parameterisation for bus voltage failure and recovery, parameterisable download behaviour.

Nominal voltage: AC 230 V, 50-60 Hz
Per switch contact:
Nominal current: 16 A, cosφ =0.6
Incandescent lamps: AC 230 V, max. 3600 W
Halogen lamps: AC 230 V, max. 2500 W
Fluorescent lamps: AC 230 V, max. 2500 VA
Capacitive load: AC 230 V, 16 A, max. 200 µF
Device width: 8 modules = approx. 144 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**647893**	1/6	9.3	



Switch actuator REG-K/12x230/10 with manual mode

For independent switching of up to 12 loads via make contacts. The function of the switching channels is freely configurable. All switching outlets can be operated manually using push-button operation. With integrated bus coupler. For installation on DIN rails EN 50022.
Bus connection is via bus terminals, a data rail is not necessary. Channel status display via LEDs. A green LED indicates readiness for operation.

KNX software functions:
Operation as break contact/make contact. Programmable behaviour for download. Delay functions for each channel. Staircase lighting function with/without manual OFF function. Cut-out warning for staircase lighting function. Scenes. Central function. Disable function. Logic operation or priority control. Status feedback function for each channel.

Power supply:
Nominal voltage: AC 230 V, 50-60 Hz
External auxiliary voltage: AC 110-240 V, 50-60 Hz, max. 2 VA
For each switch output:
Nominal current: 10 A, cosφ = 1; 10 A, cosφ = 0.6
Incandescent lamps: AC 230 V, max. 2000 W
Halogen lamps: AC 230 V, max. 1700 W
Fluorescent lamps:
AC 230 V, max. 1800 W, uncompensated
AC 230 V, max. 1000 W with parallel compensation
Capacitive load: AC 230 V, max. 105 µF

Device width: 6 modules = approx. 108 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**649212**	1/10	9.3	

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Switch actuator REG-K/12x230/16, with manual mode

For independent switching of 12 loads via make contacts. All 230 V switch outputs can be operated with manual switches. With integrated bus coupler.
The device is connected to the mains via screw terminals; every second L connection is bridged internally. For installation on DIN rails EN50022. The bus is connected using a bus connecting terminal; a data rail is not necessary. A green LED indicates readiness for operation after the application has been loaded.

KNX software functions:
Operation as break or make contact, delay functions for each channel, staircase lighting function with/without manual OFF function, cut-out warning for staircase lighting function, blocking and additional logic operation or priority control, scenes, status feedback function per channel, central function, comprehensive parameterisation for bus voltage failure and recovery, parameterisable download behaviour.

Nominal voltage: AC 230 V, 50-60 Hz
Per switch contact:
Nominal current: 16 A, cosφ =0.6
Incandescent lamps: AC 230 V, max. 3600 W
Halogen lamps: AC 230 V, max. 2500 W
Fluorescent lamps: AC 230 V, max. 2500 VA
Capacitive load: AC 230 V, 16 A, max. 200 µF
Device width: 12 modules = approx. 216 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**648493**	1/6	9.3	

Blind/switch actuators

- The devices have protection type IP 20 and can only be used indoors. Devices with a different type of protection are labelled separately.



Blind/switch actuator REG-K/8x/16x/10 with manual mode

For independent control of up to 8 blind/roller shutter drives or for switching up to 16 loads via make contacts. The function of the blind or switching channels is freely configurable. All blind/switch outputs can be operated manually using push-buttons. With integrated bus coupling unit. For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary. Channel status display via LEDs. A green LED indicates readiness for operation.

KNX software functions:
Blind functions: Blind type. Running time. Idle time. Step interval. Weather alarm. 8-bit positioning for height and slats. Scenes. Status and feedback function.
Switch actuator functions: Operation as break contact/make contact. Programmable behaviour for download. Delay functions for each channel. Staircase lighting function with/without manual OFF function. Cut-out warning for staircase lighting function. Scenes. Central function. Disable function. Logic operation or priority control. Status feedback function for each channel.

Power supply:
Nominal voltage: AC 230 V, 50-60 Hz
External auxiliary voltage: AC 110-240 V, 50-60 Hz, max. 2 VA
For each blind output:
Nominal current:10 A, cosφ = 0.6
Motor load: AC 230 V, max. 1000 W
For each switch output:
Nominal current: 10 A, cosφ = 1; 10 A, cosφ = 0.6
Incandescent lamps: AC 230 V, max. 2000 W
Halogen lamps: AC 230 V, max. 1700 W
Fluorescent lamps:
AC 230 V, max. 1800 W, uncompensated
AC 230 V, max. 1000 W with parallel compensation
Capacitive load: AC 230 V, max. 105 µF

Device width: 8 modules = approx. 144 mm

Note: The blind actuator/switch actuator cannot be used in conjunction with the weather-dependent automatic functions of the weather combi-sensor/DCF77 art. no. 663692. If you require these functions then use the blind actuators art. no. 6498...
Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**649908**	1/6	9.3	



Blind / switch actuator REG-K/ 12x/24x/10 with manual mode

For independent control of up to 12 blind/roller shutter drives or for switching up to 24 loads via make contacts. The function of the blind or switching channels is freely configurable. All blind/switch outputs can be operated manually using push-buttons. With integrated bus coupler. For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary. Channel status display via LEDs. A green LED indicates readiness for operation.

KNX software functions:
Blind functions: Blind type. Running time. Idle time. Step interval. Weather alarm. 8-bit positioning for height and slats. Scenes. Status and feedback function.
Switch actuator functions: Operation as break contact/make contact. Programmable behaviour for download. Delay functions for each channel. Staircase lighting function with/without manual OFF function. Cut-out warning for staircase lighting function. Scenes. Central function. Disable function. Logic operation or priority control. Status feedback function for each channel.

Power supply:
Nominal voltage: AC 230 V, 50-60 Hz
External auxiliary voltage: AC 110-240 V, 50-60 Hz, max. 2 VA
For each blind output:
Nominal current: 10 A, cosφ = 0.6
Motor load: AC 230 V, max. 1000 W
For each switch output:
Nominal current: 10 A, cosφ = 1; 10 A, cosφ = 0.6
Incandescent lamps: AC 230 V, max. 2000 W
Halogen lamps: AC 230 V, max. 1700 W
Fluorescent lamps:
AC 230 V, max. 1800 W, uncompensated
AC 230 V, max. 1000 W parallel-compensated
Capacitive load: AC 230 V, max. 105 µF

Device width: 12 TE = approx. 216 mm

Note: The blind actuator/switch actuator cannot be used in conjunction with the weather-dependent automatic functions of the weather combi-sensor/DCF77 art. no. 663692. If you require these functions then use the blind actuators art. no. 6498...
Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**649912**	1/6	9.3	

Blind actuators

- The devices have protection type IP 20 and can only be used indoors. Devices with a different type of protection are labelled separately.



Blind actuator, flush-mounted/ 230/6

To control a blind/roller shutter drive. For screw mounting in the size 60 installation box. With integrated bus coupler 2 and screw terminals. The device is connected to the bus with a bus connecting terminal.

KNX software functions:
Actuator functions: Blind with slat adjustment, roller shutters without slat adjustment, safety function
Push-button functions: Switching, dimming, blind control, toggling, pulse edges, send value, disable function

Switch contact: Changeover contact in series with make contact, floating
Nominal voltage: AC 230 V, 50-60 Hz
Nominal current: 6 A, cosφ =1; 6 A, cosφ =0.6
Motor load: AC 230 V, 500 W/VA

In KNX, to be completed with: Flush-mounted application modules push-buttons 1- to 4-gang, multi-function push-button 4-gang with/without IR receiver, ARGUS 180 flush-mounted or blanking cover from System M, System Design.
Accessories: Protective cover for plaster, art. no. 690098.
Contents: With bus connecting terminal.

Version	Art. no.	PU	PG	Info
	627299	1/60	9	



Blind actuator REG-K/2x/10 with manual mode

For independent control of 2 blind/roller shutter drives. The function of the blind channels is freely configurable. All blind outputs can be operated manually using push-button operation. With integrated bus coupling unit. For installation onto DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary. Channel status display via LEDs. A green LED indicates readiness for operation.

KNX software functions:
Blind functions: Blind type. Running time. Idle time. Step interval. Differentiated disable functions and weather alarms. 8-bit positioning for height and slat. Scenes. Manual/automatic mode. Differentiated status and status feedback functions.

For each blind output:
Nominal voltage: AC 230 V, 50-60 Hz
Nominal current: 10 A, cosφ = 0.6
Motor load: AC 230 V, max. 1000 W
Device width: 4 modules = approx. 72 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**649802**	1/10	9.3	

www.merten.com



Blind actuator REG-K/4x24/6 with manual mode

For independent control of 4 blind/roller shutter drives. The function of the blind channels is freely configurable. All blind outputs can be operated manually using push-button operation. With integrated bus coupler. For installation onto DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary. Channel status display via LEDs. A green LED indicates readiness for operation.

KNX software functions:
Blind functions: Blind type. Running time. Idle time. Step interval. Differentiated disable functions and weather alarms. 8-bit positioning for height and slat. Scenes. Manual/automatic mode. Differentiated status and status feedback functions.

For each blind output:
Nominal voltage: DC 24 V ±10 %
Nominal current: 6 A
Load types: 24 V direct current drives
Device width: 4 modules = approx. 72 mm

Contents: With bus connecting terminal and cable cover.
Availability: Available June 2007.

Version	Art. no.	PU	PG	Info
light grey	**648704**	1/10	9.3	



Blind actuator REG-K/4x/6

For independent control of 4 blind/roller shutter drives. With integrated bus coupler and plug-in screw terminals. For installation onto DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary. A green LED indicates readiness for operation after the application has been loaded.

KNX software functions:
Blind functions: Blind type. Running time. Idle time. Step interval. Weather alarms. 8-bit positioning for height and slats. Scenes. Automatic function. Differentiated status and feedback functions.

For each blind output:
Nominal voltage: AC 230 V, 50-60 Hz
Nominal current: 6 A, cosφ = 0.6
Motor load: AC 230 V, max. 1000 W
Device width: 4 modules = approx. 72 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**646704**	1/10	9.3	



Roller shutter actuator REG-K/4x/10 with manual mode

For independent control of 4 roller shutter drives. The function of the roller shutter channels is freely configurable. All roller shutter outputs can be operated manually using push-button operation. With integrated bus coupler. For installation onto DIN rails EN 50022.
Bus connection is via bus terminals, a data rail is not necessary. Channel status display via LEDs. A green LED indicates readiness for operation.

KNX software functions:
Roller shutter functions: Running time. Idle time. Differentiated disable functions and weather alarms. 8-bit positioning for height. Scenes. Manual/automatic function. Differentiated status and status feedback functions.

For each roller shutter output:
Nominal voltage: AC 230 V, 50-60 Hz
Nominal current: 10 A, cosφ = 0.6
Motor load: AC 230 V, max. 1000 W
Device width: 4 modules = approx. 72 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**649704**	1/10	9.3	



Blind actuator REG-K/4x/10 with manual mode

For independent control of 4 blind/roller shutter drives. The functions of the blind channels is freely configurable. All blind outputs can be operated manually using push-button operation. With integrated bus coupling unit. For installation onto DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary. Channel status display via LEDs. A green LED indicates readiness for operation.

KNX software functions:
Blind functions: Blind type. Running time. Idle time. Step interval. Differentiated disable functions and weather alarms. 8-bit positioning for height and slat. Scenes. Manual/automatic mode. Differentiated status and status feedback functions.

For each blind output:
Nominal voltage: AC 230 V, 50-60 Hz
Nominal current: 10 A, cosφ = 0.6
Motor load: AC 230 V, max. 1000 W
Device width: 4 modules = approx. 72 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**649804**	1/10	9.3	



Blind actuator REG-K/8x/10 with manual mode

For independent control of 8 blind/roller shutter drives. The functions of the blind channels is freely configurable. All blind outputs can be operated manually using push-buttons. With integrated bus coupler. For installation on DIN rails EN 50022. The bus is connected using a bus connecting terminal; a data rail is not necessary. Channel status display via LEDs. A green LED indicates readiness for operation.

KNX software functions:
Blind functions: Blind type. Running time. Idle time. Step interval. Differentiated disable functions and weather alarms. 8-bit positioning for height and slat. Scenes. Manual/automatic mode. Differentiated status and status feedback functions.

For each blind output:
Nominal voltage: AC 230 V, 50-60 Hz
Nominal current: 10 A, cosφ = 0.6
Motor load: AC 230 V, max. 1000 W
External auxiliary voltage: AC 110-240 V, 50-60 Hz, max. 2 VA
Device width: 8 modules = approx. 144 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**649808**	1/6	9.3	



Multiple control relay insert for roller shutters

5 A, AC 250 V

Suitable for a size 60 flush-mounted box.
With a multiple control relay, it is possible to control 2 motors locally by manual operation or centrally.
The multiple control relays can be cascaded.

To be completed with: Blanking cover, art. no. System M 3916.., 3918.., 3917.., System Basis 3920.., System Design 3919.., OCTO-COLOR 3926...

Technical Information: Multiple control relay insert for roller shutters (⇒ p. 470)

Version	Art. no.	PU	PG	Info
	576399	1/24	8	



Multiple control relay for roller shutters, flush-mounted

6 A, AC 250 V

Suitable for a size 60 flush-mounted box. Flat 22 mm design. For local control using push-buttons, installation in a deep flush-mounted box.
For controlling up to 2 roller shutter motors locally, in groups or centrally. With separation of load and control circuit, as well as forced locking in both directions of movement.
Motors are controlled individually using a roller shutter rocker switch and centrally using the blind time switches or blind push-buttons of the Merten blind control system.

Mains voltage: AC 230 V, 50 Hz ±10 %
Control voltage: AC 230 V ±10 %
Power consumption: 10 mA in relay operation
Switching voltage: max. AC 250 V
Switching current: max. 6 A
Temperature range: 0 -60 °C
Terminals: max. 1.5 mm²
Dimensions: 22x49x52 mm (HxWxD)
Installation: (deep) flush-mounted box

To be completed with: Blanking cover, art. no. System M 3916.., 3918.., 3917.., System Basis 3920.., System Design 3919.., OCTO-COLOR 3926...

Technical Information: Multiple control relay for roller shutters, flush-mounted (⇒ p. 471)

Version	Art. no.	PU	PG	Info
	576398	1/100	8	



Multiple control relay for roller shutters REG

2 A, AC 250 V

For installation on DIN rails.
For controlling up to 2 roller shutter motors locally, in groups or centrally. With separation of load and control circuit, as well as forced locking in both directions of movement.
Motors are controlled individually using a roller shutter rocker switch and centrally using the blind time switches or blind push-buttons of the Merten blind control system.

Mains voltage: AC 230 V, 50 Hz ±10 %
Power consumption: 10 mA in relay operation
Switching voltage: max. AC 250 V
Switching current: max. 2 A
Temperature range: 0 -60 °C
Terminals: max. 1.5 mm²
Device width: 2 modules = approx. 36 mm

Technical Information: Multiple control relay for roller shutters REG (⇒ p. 472)

Version	Art. no.	PU	PG	Info
	576397	1/40	8	

Dimming actuators/control units

- The devices have protection type IP 20 and can only be used indoors. Devices with a different type of protection are labelled separately.



Dimming actuator REG-K/2x230/300 W

AC 230 V, 50 Hz

For switching and dimming incandescent lamps and dimmable, wound transformers (ohmic / inductive load).
(Phase control)
With integral bus coupler, plug-in screw terminals, short-circuit and overload protection and soft start function to protect the lamps. For installation onto DIN rails EN 50022.
Bus connection is via bus terminals, a data rail is not necessary. Readiness for operation is indicated by a green LED after the application has been loaded, and an overload of one channel or both channels is indicated by a flashing light.

KNX software functions:
Starting behaviour, memory function, dimming speed, switching off by relative dimming, configurable minimum brightness and behaviour on bus voltage failure/recovery are programmable.

Nominal voltage: AC 230 V, 50 Hz
Nominal power:
per channel: max. 300 W/VA
per channel: max. 300 W/VA
Minimum load: 25 W/VA
Short-circuit protection: via fuse
Device width: 6 modules = approx. 108 mm

Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**646630**	1/10	9.3	



Universal dimming actuator REG-K/230/500 W

AC 230 V, 50-60 Hz

For switching and dimming incandescent lamps, HV halogen lamps and LV halogen lamps using dimmable wound transformers or electronic transformers.
(Phase control and phase alignment)
With integral bus coupler, screw terminals, short-circuit, open-circuit and excess temperature protection with soft start function. For installation onto DIN rails EN 50022.
The dimming actuator automatically recognises the connected load. Combinations of ohmic and inductive, or ohmic and capacitive loads can also be connected. Combinations of inductive and capacitive loads cannot be connected.
Bus connection is via bus terminals, a data rail is not necessary.

KNX software functions:
Dimming operation via EIB, extension units and on the device, different dimming curves and dimming speeds, the same dimming time, memory function, ON/OFF delay, staircase time function with/without manual OFF function, scenes (up to eight stored brightness values can be retrieved), central function, logic operation or priority control, blocking function, status feedback, behaviour on bus voltage recovery.

Nominal voltage: AC 220 - 230 V, 50/60 Hz
Nominal power/channel: max. 500 W/VA
20 W minimum load (ohmic)
50 VA minimum load (ohmic/inductive/capacitive)
Input (extension unit operation): AC 230 V, 50/60 Hz (same phase as the dimming channel)
Device width: 4 modules = approx. 72 mm

Extension unit operation: With mechanical push-buttons (make contact). With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**649350**	1/10	9.3	



Universal dimming actuator REG-K/2x230/1000 W

AC 230 V, 50-60 Hz

For switching and dimming incandescent lamps, HV halogen lamps and LV halogen lamps using dimmable wound transformers or electronic transformers.

(Phase control and phase alignment)

With integral bus coupler, screw terminals, short-circuit, open-circuit and excess temperature protection with soft start function. For installation onto DIN rails EN 50022.

The dimming actuator automatically recognises the connected load. Combinations of ohmic and inductive, or ohmic and capacitive loads can also be connected. Combinations of inductive and capacitive loads cannot be connected.

Bus connection is via bus terminals, a data rail is not necessary.

KNX software functions:

Dimming operation via EIB, extension units and on the device, different dimming curves and dimming speeds, the same dimming time, memory function, ON/OFF delay, staircase time function with/without manual OFF function, scenes (up to eight stored brightness values can be retrieved), central function, logic operation or priority control, blocking function, status feedback, behaviour on bus voltage recovery.

Nominal voltage: AC 220 - 230 V, 50/60 Hz
Nominal power/channel: max. 1000 W/VA
20 W minimum load (ohmic)
50 VA minimum load (ohmic/inductive/capacitive)
Input (extension unit operation): AC 230 V, 50/60 Hz (same phase as the dimming channel)
Device width: 4 modules = approx. 72 mm

- **Extension unit operation:** With mechanical push-buttons (make contact). With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
- **Contents:** With bus connecting terminal and cable cover.
  Availability: Available 2nd quarter 2007

Version	Art. no.	PU	PG	Info
light grey	**649310**	1/6	9.3	



Universal dimming actuator REG-K/2x230/300 W

AC 230 V, 50-60 Hz

For switching and dimming incandescent lamps, HV halogen lamps and LV halogen lamps using dimmable wound transformers or electronic transformers.

(Phase control and phase alignment)

With integral bus coupler, screw terminals, short-circuit, open-circuit and excess temperature protection with soft start function. For installation onto DIN rails EN 50022.

The dimming actuator automatically recognises the connected load. Combinations of ohmic and inductive, or ohmic and capacitive loads can also be connected. Combinations of inductive and capacitive loads cannot be connected.

Bus connection is via bus terminals, a data rail is not necessary.

KNX software functions:

Dimming operation via EIB, extension units and on the device, different dimming curves and dimming speeds, the same dimming time, memory function, ON/OFF delay, staircase time function with/without manual OFF function, scenes (up to eight stored brightness values can be retrieved), central function, logic operation or priority control, blocking function, status feedback, behaviour on bus voltage recovery.

Nominal voltage: AC 220 - 230 V, 50/60 Hz
Nominal power/channel: max. 300 W/VA
20 W minimum load (ohmic)
50 W minimum load (ohmic/inductive/capacitive)
Input (extension unit operation): AC 230 V, 50/60 Hz (same phase as the dimming channels)
Device width: 4 modules = approx. 72 mm

- **Extension unit operation:** With mechanical push-buttons (make contact). With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
- **Contents:** With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**649330**	1/10	9.3	





Universal dimming actuator REG-K/4x230/150 W

AC 230 V, 50-60 Hz

For switching and dimming incandescent lamps, HV halogen lamps and LV halogen lamps using dimmable wound transformers or electronic transformers.
(Phase control and phase alignment)
With integral bus coupler, screw terminals, short-circuit, open-circuit and excess temperature protection with soft start function. For installation onto DIN rails EN 50022.
The dimming actuator automatically recognises the connected load. Combinations of ohmic and inductive, or ohmic and capacitive loads can also be connected. Combinations of inductive and capacitive loads cannot be connected.
Bus connection is via bus terminals, a data rail is not necessary.

KNX software functions:
Dimming operation via EIB, extension units and on the device, different dimming curves and dimming speeds, the same dimming time, memory function, ON/OFF delay, staircase time function with/without manual OFF function, scenes (up to eight stored brightness values can be retrieved), central function, logic operation or priority control, blocking function, status feedback, behaviour on bus voltage recovery.

Nominal voltage: AC 220 - 230 V, 50/60 Hz
Nominal power/channel: max. 150 W/VA
20 W minimum load (ohmic)
50 VA minimum load (ohmic/inductive/capacitive)
Input (extension unit operation): AC 230 V, 50/60 Hz (same phase as the dimming channels)
Device width: 6 modules = approx. 105 mm

Extension unit operation: With mechanical push-buttons (make contact). With extension insert, art. no. 573999, extension TELE insert, art. no. 573998.
Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**649315**	1/10	9.3	



Control unit 0-10 V REG-K/1-gang with manual mode

For connecting devices with 0-10 V interface to KNX. With integrated bus coupler and screw terminals (230 V) or plug-in screw terminals (0-10 V). The 230 V switch output can be operated with a manual switch. For installation onto DIN rails EN 50022.
Bus connection is via bus terminals, a data rail is not necessary. A green LED indicates that the device is ready for operation once the application has been loaded.

KNX software functions:
Different dimming curves and dimming speeds, the same dimming time, memory function, ON/OFF delay, staircase time function with/without manual OFF function, scenes (up to eight stored brightness values can be retrieved), central function, logic operation or priority control, blocking function, status feedback, behaviour on bus voltage recovery.

Switch contact: for switching the electronic ballasts/transformers
Switching voltage: AC 230 V
Switching current:16 A, cosφ = 0.6
Switching capacity: AC 230 V, 3600 W, cosφ = 1
Capacitive load: AC 230 V, 3600 W, 200 µF
Halogen lamps: AC 230 V, 2500 W
Fluorescent lamps:
AC 230 V, max. 5000 W, uncompensated
AC 230 V, max. 2500 VA, with parallel compensation
0-10 V interface: for dimming the electronic ballasts/transformers
Voltage range: DC 0-10 V
Device width: 2.5 TE = approx. 45 mm

Contents: With bus connecting terminal and cable cover.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
light grey	**647091**	1/1	9.3	



Control unit 0-10 V REG-K/3-gang with manual mode

For connecting devices with 0-10 V interface toKNX. With integrated bus coupler and screw terminals (230 V) or plug-in screw terminals (0-10 V). Each individual 230 V switch output can be operated manually with a manual switch. For installation onto DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary.

KNX software functions:
Different dimming curves and dimming speeds, the same dimming time, memory function, ON/OFF delay, staircase time function with/without manual OFF function, scenes (up to eight stored brightness values can be retrieved), central function, logic operation or priority control, blocking function, status feedback, behaviour on bus voltage recovery.

Switch contact: for switching the electronic ballasts/transformers
Switching voltage: AC 230 V
Switching current:16 A, cosφ = 0.6
Switching capacity: AC 230 V, 3600 W, cosφ = 1
Capacitive load: AC 230 V, 3600 W, 200 µF
Halogen lamps: AC 230 V, 2500 W
Fluorescent lamps:
AC 230 V, max. 5000 W, uncompensated
AC 230 V, max. 2500 VA, with parallel compensation
0-10 V interface: for dimming the electronic ballasts/transformers
Voltage range: DC 0-10 V
Device width: 4 TE = approx. 72 mm

Contents: With bus connecting terminal and cable cover.
Availability: Available July 2007.

Version	Art. no.	PU	PG	Info
light grey	**646991**	1/1	9.3	



INSTABUS DALI gateway REG-K/1/16/64

The DALI gateway connects the KNX with digital electronic ballasts, which are equipped with a DALI interface. The gateway is the DALI master and power supply for the electronic ballasts. It supports the switching and dimming of up to 64 electronic ballasts in 16 groups and the control of 16 lightscenes.
Brightness values or error messages in the DALI devices can be sent to the EIB and visualised on display units. The DALI is commissioned and configured with the integrated display and operator buttons. They also permit the user to change group assignments and scene settings at any time without software. With 2 inputs, e.g. for the connection of push-buttons.
For installation on DIN rails EN 50022. The bus is connected using a bus connecting terminal; a data rail is not necessary. The network and the DALI cable as well as the switch inputs are connected via screw terminals on the device.

Supply voltage: AC 110-240 V, 50-60 Hz
Inputs: 2, passive DC 9-36 V or AC 9-24 V
Outputs: DALI D+, D in line with DALI specification DC 16-18 V, 150 mA, short-circuit-proof
Connecting cable: 1.5 - 2.5 mm²
Type of protection: IP 20
Device width: 6 modules = approx. 108 mm

Contents: With bus connecting terminal.

Version	Art. no.	PU	PG	Info
	680129	1/20	9.3	

Other actuators

- The devices have protection type IP 20 and can only be used indoors. Devices with a different type of protection are labelled separately.



Info display, flush-mounted

Application module for System M.
LC display with max. 4 x 16 characters and acoustic signalling device. The info display is used to indicate freely-programmable texts and values and to control functions.
Functions and texts can be allocated on up to 12 pages with a maximum of 4 lines. 12 lines of alarm signals can also be allocated. Automatic allocation of alarm signal priority which can be changed manually.
Signals that are not shown are selected using two buttons on the display. The functions of two additional buttons are allocated to the display line.

KNX software functions:
Switching, dimming, blind control, temperature control, continuous status control, ASCII text provision, 8-bit scene retrieval, priority control, display of texts, values, date, time, date+time

Display: Illuminated LCD
4-line (16 characters) or
2-line (8 characters) or
1-line (4 characters)
Operating elements: 4 buttons
Signalling device: 2 signal tones
Alarm signals: max. 12

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099.
Note: The display tool software V2.0, art. no. 615046, for programming the flush-mounted info display is available on the Internet or on the Merten info CD.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**629844**	1/100	9	
polar white, glossy	**629819**	1/100	9	
active white, glossy	**629825**	1/100	9	
Thermoplastic classy matt				
white	**629444**	1/100	9	
polar white	**629419**	1/100	9	
anthracite	**629414**	1/100	9	
aluminium	**629460**	1/100	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Info display, flush-mounted

Application module for System Design.
LC display with max. 4 x 16 characters and acoustic signalling device. The info display is used to indicate freely-programmable texts and values and to control functions.
Functions and texts can be allocated on up to 12 pages with a maximum of 4 lines. 12 lines of alarm signals can also be allocated. Automatic allocation of alarm signal priority which can be changed manually.
Signals that are not shown are selected using two buttons on the display. The functions of two additional buttons are allocated to the display line.

KNX software functions:
Switching, dimming, blind control, temperature control, continuous status control, ASCII text provision, 8-bit scene retrieval, priority control, display of texts, values, date, time, date+time

Display: Illuminated LCD
4-line (16 characters) or
2-line (8 characters) or
1-line (4 characters)
Operating elements: 4 buttons
Signalling device: 2 signal tones
Alarm signals: max. 12

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099.
Note: The display tool software V2.0, art. no. 615046, for programming the flush-mounted info display is available on the Internet or on the Merten info CD.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**629544**	1/100	9	
polar white	**629519**	1/100	9	
aluminium	**629560**	1/100	9	
metallic				
varnished stainless steel	**629546**	1/100	9	



Analogue actuator REG-K/4-gang

The output channels can be parameterised for different current and voltage signals to control different analogue variables (e.g. servomotors). The actuator has four analogue outputs. For use in connection with the analogue actuator module REG/4-gang, 8 analogue outputs are provided.
Connections are made using the sub-bus.
For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary.
With continuity checking of the current outputs.

Auxiliary voltage: AC 24 V (+/-10 %)
Analogue outputs: 4
Current signals: 0 ... 20 mA, 4 ... 20 mA
Voltage signals: 0 ... 1 V, 0.. 10 V
Continuity checking: 4 ... 20 mA
Outputs: DC 24 V, 100 mA (total)
Device width: 4 modules = approx. 72 mm

In KNX, to be completed with: Power supply REG, AC 24 V / 1 A, art. no. 663529.
Accessories: Analogue actuator module REG/4-gang, art. no. 682292.
Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**682291**	1/25	9.3	

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Analogue actuator module REG/ 4-gang

Extension module to extend analogue actuator REG-K/4-gang from 4 to 8 analogue outputs. Connections are made using the sub-bus. The output channels can be independently parameterised for different current and voltage signals to control different control values (e.g. servomotors).
For installation on DIN rails EN 50022.

Auxiliary voltage: AC 24 V (+/-10 %)
Analogue outputs: 4
Current signals: 0 ... 20 mA, 4 ... 20 mA
Voltage signals: 0 ... 1 V, 0.. 10 V (DC)
Continuity checking: 4 ... 20 mA
Outputs: DC 24 V, 100 mA (total)
Device width: 4 modules = approx. 72 mm

In KNX, to be completed with: Analogue actuator REG-K/4-gang, art. no. 682291.
Contents: With sub-bus jumper.

Version	Art. no.	PU	PG	Info
light grey	**682292**	1/25	9.3	

Panel control devices

- The devices have protection type IP 20 and can only be used indoors. Devices with a different type of protection are labelled separately.



IP touch panel 10"

The IP touch panel 10" is used for the visualisation and control of current building statuses and functions. It is operated interactively on the touch-sensitive TFT display.
Windows CE is installed as the operating system. With this standard, solutions such as data management, web functions and client/server and network functions can be configured quickly and easily. Via a browser, it is also possible, for example, to use Merten@home with the IC 1 EIB Internet Controller.
Using the optional visualisation software, the IP touch panel 10" can be programmed for the visualised, interactive control of building functions.
The IP touch panel 10" has LAN (10/100 Mbit/s), and a RS 232 and USB connection. The USB connection is in the front behind the frame. A plug-in INSTABUS module can be used to connect the IP touch panel 10" to the KNX.
Due to its flat design in a flush-mounted housing, its uses range from home applications to purpose-built applications.

KNX software functions:
Configuration using the "TP VISU configuration tool".

Display size: 10.4" (24.4 cm)
Resolution: 800 x 600 pixels, SVGA
Display type: TFT, resistive touch
Colours shown: > 65000
Mains voltage: DC 24 V
Power consumption: < 20 W
RAM: 128 MB
Data buffering: via battery
Ambient operating temperature: 5 °C bis 40 °C
Type of protection: IP 20
Frame dimensions: 224.7x277.5x12 mm (HxWxD)
Opening: 157.4x210.2 mm (HxW)

To be completed with: Power supply REG, DC 24 V/1 A, art. no. 693004.
Accessories: INSTABUS EIB module for IP touch panel art. no. 683093. Design frame for IP touch panel 10" art. no. 489960. Flush-mounted mounting box for IP touch panel 10" art. no. 683091. Cavity wall mounting box for IP touch panel 10" art. no. 683092.
Note: The TP VISU configuration tool is available on the Internet or on the Merten info CD.
Contents: With Design M-Plan frames, aluminium.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
aluminium glossy	**683090**	1/2	9	



INSTABUS module for IP touch panel

Plug-in module for connecting the IP touch panel to the KNX.

In KNX, to be completed with: IP touch panel 10" art. no. 683090.

Version	Art. no.	PU	PG	Info
	683093	1/52	9	

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Real glass frame for IP touch panel 10"

For M-PLAN.
Decorative frame for the IP touch panel 10".

Dimensions: 228.6x281.4x13.5 mm (HxWxD)

In KNX, to be completed with: IP touch panel 10" art. no. 683090.

Version	Art. no.	PU	PG	Info
glass				
diamond	**489960**	1/5	1.1	



Flush-mounted mounting box for IP touch panel 10"

For flush-mounted installation of the IP touch panel 10".

Dimensions: 208x238x68 mm (HxWxD)

In KNX, to be completed with: IP touch panel 10" art. no. 683090.

Version	Art. no.	PU	PG	Info
	683091	1/8	9	



Cavity wall mounting box for IP touch panel 10"

For installing the IP touch panel 10" into a cavity wall.

Dimensions: 205x235x72 mm (HxWxD)

In KNX, to be completed with: IP touch panel 10" art. no. 683090.

Version	Art. no.	PU	PG	Info
	683092	1/8	9	



Universal I/O panel control REG-K/32x24

Input/output module with integrated bus coupler and 2 plug-in strips, each with 16 screw terminals for controlling 32 push-buttons or signal lamps in operating or display panels for example. For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary. The 32 channels can be configured as either inputs or outputs.

KNX software functions:
Outputs: Switching. Inverted switching. Flashing.
Inputs: Pulse edges. Dimming. Blinds. Send value.

External power supply: DC 12/24 V, permitted DC 10 ... 30 V
Power consumption: max. 2.8 A at max. load
Inputs/outputs: 32 freely parameterisable as input/output
Cable length: ≤ 10 m
Inputs: DC 24 V, scanning voltage
Outputs: DC 24 V, supply voltage
Output current: 80 mA per output, 700 mA per group of 8, 2.8 A per device
Load type: ohmic
Safety: short-circuit-proof, overload protection, reverse voltage protection
Device width: 4 modules = approx. 72 mm

Accessories: Power supply REG, DC 24 V/0.4 A, art. no. 693003. Power supply REG, DC 24 V/1 A, art. no. 693004.
Contents: With bus connecting terminal.

Version	Art. no.	PU	PG	Info
light grey	**675201**	1/30	9.3	



Panel control REG-K/12x24

Output module with integrated bus coupler and plug-in screw terminals to control 12 signal lamps or relays. For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary.
The connected signal lamps or loads can be checked via a separate lamp test terminal.

KNX software functions:
Switching loads. Reading in the status. Flashing.

External power supply: Nominal DC 24 V, SELV in line with VDE 0551
min. DC 12 V, max. DC 36 V
Total current: max. 2 A for all outputs
Per output: for ohmic, inductive and capacitive loads
Output current: 160 mA, short-circuit-proof, max. 400 mA
Device width: 4 modules = approx. 72 mm

Accessories: Power supply REG, DC 24 V/0.4 A, art. no. 693003. Power supply REG, DC 24 V/1 A, art. no. 693004.
Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**675001**	1/30	9.3	



Panel control REG-K/8-4x24

Input/output module with integrated bus coupler and plug-in screw terminals to control eight push-buttons and four signal lamps or relays. For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary.
The connected signal lamps or loads can be checked via a separate lamp test terminal.

KNX software functions:
The inputs can be used in pairs to control switch actuators. Can also be programmed as eight individual switches and to control scenes.

External power supply: Nominal DC 24 V, SELV in line with VDE 0551
min. DC 12 V, max. DC 36 V
Total current: max. 1.6 A for all outputs
Per output: for ohmic, inductive and capacitive load
Output current: max. 400 mA, short-circuit-proof
Per input: max. 50 m cable length for cable with shielding.
Device width: 4 modules = approx. 72 mm

Accessories: Power supply REG, DC 24 V/0.4 A, art. no. 693003. Power supply REG, DC 24 V/1 A, art. no. 693004.
Contents: With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**675101**	1/30	9.3	

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Flush-mounted housing with control electronics, power supply unit and bus coupler

The control electronics with bus coupler are used for communicating between the front plates and the KNX. Various front plates can be installed in the housing. Free fields are covered with the cover plate. A ribbon cable connects the front plates with the control electronics.
The maximum configuration comprises up to 160 LEDs or 60 push-buttons with one LED each. With integrated bus coupler. AC 230 V mains voltage is the required power supply.

KNX software functions:
Parameterisation using panel programming software EIB TAB 2 with the following capabilities:

- Switching/toggling/push-buttons
- Dimming
- Blinds
- Valuator (8 bit, 16 bit etc.)
- Internal linking capabilities for switch status displays
- Sending of multiple (different) telegrams with a single press of a button

Mains voltage: AC 230 V
Outer dimensions:
For 2 front plates: 320x320 mm (HxW)
Opening: 310x310x93 mm (HxWxD)
For 3 front plates: 445x320 mm (HxW)
Opening: 435x310x93 mm (HxWxD)
For 4 front plates: 570x320 mm (HxW)
Opening: 560x310x93 mm (HxWxD)

In KNX, to be completed with: Front plate push-button/ display, module TL 15, art. no. 671490. Front plate LED display, module L 40, art. no. 671590. Cover plate, art. no. 671390.

Note: The panel programming software EIB TAB 2, art. no. 615901, is available on the Internet or on the Merten info CD.

Version	Art. no.	PU	PG	Info
for 2 front plates	**672092**	1/2	9	
for 3 front plates	**672093**	1/1	9	
for 4 front plates	**672094**	1/1	9	



Surface-mounted housing with control electronics, power supply unit and bus coupler

The control electronics with bus coupler are used for communicating between the front plates and the KNX. Various front plates can be installed in the housing. Free fields are covered with the cover plate. A ribbon cable connects the front plates with the control electronics.
The maximum configuration comprises up to 160 LEDs or 60 push-buttons with one LED each. With integrated bus coupler. AC 230 V mains voltage is the required power supply.

KNX software functions:
Parameterisation using panel programming software EIB TAB 2 with the following capabilities:

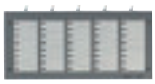
- Switching/toggling/push-buttons
- Dimming
- Blinds
- Valuator (8 bit, 16 bit etc.)
- Internal linking capabilities for switch status displays
- Sending of multiple (different) telegrams with a single press of a button

Mains voltage: AC 230 V
Outer dimensions:
F**or 2 front plates:** 320x320x93 mm (HxWxD)
For 3 front plates: 445x320x93 mm (HxWxD)
For 4 front plates: 570x320x93 mm (HxWxD)

In KNX, to be completed with: Front plate push-button/ display, module TL 15, art. no. 671490. Front plate LED display, module L 40, art. no. 671590. Cover plate, art. no. 671390.

Note: The panel programming software EIB TAB 2, art. no. 615901, is available on the Internet or on the Merten info CD.

Version	Art. no.	PU	PG	Info
for 2 front plates	**673092**	1/2	9	
for 3 front plates	**673093**	1/1	9	
for 4 front plates	**673094**	1/1	9	



Front plate LED display, module L 40

The front plate with 40 LEDs acts as a signal panel and shows binary states of the KNX.
Connection via ribbon cable to surface-/flush-mounted housing with control electronics or control module REG with power supply REG, DC 5 V/ 2 A.

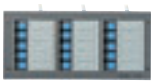
In addition to the LEDs, the front plate can also be individually labelled.
Dimensions: H 124.5 x W 270 mm.

In KNX, to be completed with: Flush-mounted housing with control electronics, art. no. 6720.. or surface-mounted housing with control electronics, art. no. 6730..

Contents: With a ribbon cable.

Version	Art. no.	PU	PG	Info
L 40 module	**671590**	1/10	9	

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Front plate push-button/display, module TL 15

The front plate with 15 push-buttons and 15 LEDs is used as a signal and control panel for controlling the various bus devices such as switch, dimming and blind actuators. Several bus devices can be controlled simultaneously using a single push-button.
Connection via ribbon cable to surface-/flush-mounted housing with control electronics or control module REG with power supply REG, DC 5 V/ 2 A.

In addition to the push-buttons with LED, the front plate can also be individually labelled.
Dimensions: H 124.5 x W 270 mm.

In KNX, to be completed with: Flush-mounted housing with control electronics, art. no. 6720.. or surface-mounted housing with control electronics, art. no. 6730..
Contents: With a ribbon cable.

Version	Art. no.	PU	PG	Info
TL 15 module	**671490**	1/10	9	



Cover plate

Made from grey PVC. For covering unused fields in the surface-/flush-mounted housing with control electronics.

Dimensions: H 124.5 x W 270 mm.

In KNX, to be completed with: Flush-mounted housing with control electronics, art. no. 6720.. or surface-mounted housing with control electronics, art. no. 6730..

Version	Art. no.	PU	PG	Info
grey	**671390**	1/10	9	



LCD mini-panel MT 701 V2.0

Current building states can be centrally controlled and functions influenced via the LCD mini-panel. The LCD mini-panel is ideal for private and office use thanks to its compact, flat design (213 mm x 125 mm) and functional scope.
An LCD graphic display capable of displaying up to eight rows and 16 different states at the same time is used as the display medium. It is operated interactively via a touch-sensitive keyboard.
The user menu is freely programmable, thus permitting the creation of function groups specifically adapted to the building and resulting in a clear display of the various applications. Detailed functions can be displayed and operated using the sub-menus. When planning the LCD mini-panel, the menus and submenus are compiled in line with requirements and assigned to the various EIB functions. Standard functions can be planned, such as: switching, dimming, blind control and display of measured values. Limit values can also be created.
Bus processes can be linked in order to group KNX actions and the result can be displayed.

KNX software functions:
Parameterisation using panel programming software EIB TAB 2 or ETS tool for MT 701 V2.0.

Mains voltage: AC 230 V
Dimensions: 125x213 mm (HxW)
Opening: 121.5x209 mm (HxW)

In KNX, to be completed with: Flush mounting box for mini-panel, art. no. 682591.
Accessories: Design frame for mini-panel, art. no. 682592/93.
Note: The panel programming software EIB TAB 2, art. no. 615901 and ETS tool for MT 701 V2.0, art. no. 615047 are available over the Internet or from the Merten info CD.

Version	Art. no.	PU	PG	Info
MT 701 module	**682590**	1/6	9	



Flush mounting box for mini-panel

For flush-mounted and cavity wall installation of the mini-panels MT 701 V2.0.

In KNX, to be completed with: Mini-panel MT 701, art. no. 682590.

Version	Art. no.	PU	PG	Info
black	**682591**	1/6	9	



Design frame for mini-panel

Decorative frame for the mini-panel MT 701 V2.0.

In KNX, to be completed with: Mini-panel MT 701, art. no. 682590.

Version	Art. no.	PU	PG	Info
polar white	**682592**	1/10	9	
aluminium	**682593**	1/10	9	



Panel programming software EIB TAB 2

Programming software for surface/flush-mounted housing with control electronics and LCD mini-panel MT 701 V2.0.

In KNX, to be completed with: Flush-mounted housing with control electronics, art. no. 6720.. or surface-mounted housing with control electronics, art. no. 6730.. Mini-panel MT 701, art. no. 682590.

Price on request.

Note: The software is available on the Internet or on the Merten info CD.

Version	Art. no.	PU	PG	Info
	615901	1/1	9.9	



ETS tool for MT 701 V2.0

Programming software for the ETS for parameterising the LCD mini-panel MT 701 V2.0.

In KNX, to be completed with: Mini-panel MT 701, art. no. 682590.

Price on request.

Note: The software is available on the Internet or on the Merten info CD.

Version	Art. no.	PU	PG	Info
	615047	1/1	9	

Devices for individual room temperature control

- The devices have protection type IP 20 and can only be used indoors. Devices with a different type of protection are labelled separately.



Multi-function push-button, 2-gang with room temperature control unit

Application module for System M.
Convenient control unit with 4 operating buttons, operating and status display and labelling field.
The operating display can also be used as an orientation light.
With room temperature control unit and display.
The room temperature control unit can be used for heating and cooling with infinitely adjustable KNX valve drives or to trigger switch actuators and heating actuators. With the white backlit display for showing e.g. the time, date, temperature and operating mode. Menu for setting default operating modes, setpoint value, working/non-working day, display mode, time, switching times and brightness.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.

KNX software functions:
Functions of the multi-function push-button:
Switching, toggling, dimming, blind control (relative or absolute), pulse edges trigger 1-, 2- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions, timed control with synchronisation, alarm functions, .the cyclic reading of external temperature values, fan control.
Functions of the room temperature control unit:
Type of controller: 2-step control, continuous PI control, switching PI control (PWM)
Output: Continuous in the range 0..100% or switching ON/OFF
Controller mode:

- Heating with one controller output
- Cooling with one controller output
- Heating and cooling with separate controller outputs
- Heating and cooling with one controller output
- 2-step heating with 2 control outputs
- 2-step cooling with 2 control outputs

Operating modes: comfort, comfort extension, standby, night economy, frost/heat protection
Operation: Menu

In KNX, to be completed with: Flush-mounted module for multi-function push-button with room temperature control unit, art. no. 623299.
Accessories: Labelling software, art. no. 615022. Protective hood for plaster, System M, art. no. 627591... Fan Coil actuator REG-K Art.-Nr. 645093.

Note: If you already have the labelling software, you can download the form for the multi-function push-button at www.merten.com. Use to label conventional foils (max. thickness 0.1 mm). For each device only one flat size 60 mounting box and one flush-mounted module are required.
Contents: Screw for protection against dismantling.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**627344**	1/17	9	
polar white, glossy	**627319**	1/17	9	
active white, glossy	**627325**	1/17	9	
Thermoplastic classy matt				
white	**623244**	1/17	9	
polar white	**623219**	1/17	9	
anthracite	**623214**	1/17	9	
aluminium	**623260**	1/17	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

www.merten.com



Multi-function push-button, 4-gang with room temperature control unit

Application module for M-PLAN.
Convenient control unit with 8 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light. With room temperature control unit and display. With integrated piezoelectric buzzer to display alarm states and IR receiver. All functions of the respective buttons can be controlled via IR remote control Distance.
The room temperature control unit can be used for heating and cooling with infinitely adjustable KNX valve drives or to trigger switch actuators and heating actuators. With the white backlit display for showing e.g. the time, date, temperature and operating mode. Menu for setting default operating modes, setpoint value, working/non-working day, display mode, time, switching times and brightness. The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.

KNX software functions:

Functions of the multi-function push-button:
Switching, toggling, dimming, blind control (relative or absolute), pulse edges trigger 1-, 2- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions, timed control with synchronisation, alarm functions, .the cyclic reading of external temperature values, fan control.

Functions of the room temperature control unit:
Type of controller: 2-step control, continuous PI control, switching PI control (PWM)
Output: Continuous in the range 0..100% or switching ON/OFF
Controller mode:

- Heating with one controller output
- Cooling with one controller output
- Heating and cooling with separate controller outputs
- Heating and cooling with one controller output
- 2-step heating with 2 control outputs
- 2-step cooling with 2 control outputs

Operating modes: comfort, comfort extension, standby, night economy, frost/heat protection
Operation: Menu

In KNX, to be completed with: Flush-mounted module for multi-function push-button with room temperature control unit, art. no. 623299. Frame, 2-gang without central bridge piece in M-PLAN design, art. no. 5873...
Accessories: Labelling software, art. no. 615022. Fan Coil actuator REG-K Art.-Nr. 645093.
Transmitter: IR remote control Distance, art. no. 570222.

Note: For each device only one flat size 60 mounting box and one flush-mounted module are required.
Contents: With screw for tamper-proofing, adhesive label, barrier covering the IR receiver.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**627444**	1/17	9	
polar white, glossy	**627419**	1/17	9	
active white, glossy	**627425**	1/17	9	
Thermoplastic classy matt				
white	**623644**	1/17	9	
polar white	**623619**	1/17	9	
anthracite	**623614**	1/17	9	
aluminium	**623660**	1/17	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Frame, 2-gang without central bridge piece

For M-PLAN.

Dimensions: 85.8 x 159 mm (HxW)

To be completed with: Orientation sign, art. no. System M 5869.., 5871.., 5868.., 5872.., multi-function push-button, 4-gang, with room temperature control unit, art. no. System M 6236.., 6274...

Version	Art. no.	PU	PG	Info
Thermoplastic classy matt				
white	**587344**	2/96	1	
polar white	**587319**	2/96	1	
anthracite	**587314**	2/96	1.1	
aluminium	**587360**	2/96	1.1	



Flush-mounted module for multi-function push-button with room temperature control unit

For the connection of multi-function push-buttons with room temperature control unit via an application interface.
For screw mounting in the size 60 installation box.
Flat design. With LED and push-button for programming.

Mounting depth: 20 mm

In KNX, to be completed with: Multi-function push-button, 2-gang, with room temperature control unit, art. no. System M 6232.., 6273, System Design 6287... Multi-function push-button, 2-gang, with room temperature control unit, art. no. System M 6274.., 6288, System Design 6236... PLANTEC multi-function push-button with room temperature control unit, art. no. 626008.
Accessories: Protective cover for plaster, art. no. 690098.

Contents: With bus connecting terminal.

Version	Art. no.	PU	PG	Info
	623299	1/50	9	

www.merten.com



Multi-function push-button, 2-gang with room temperature control unit

Application module for System Design.
Convenient control unit with four operating buttons, operating display, four blue status displays which can be triggered separately, and a labelling field. The blue operating display can also be used as an orientation sign.
With room temperature control unit and display.
The room temperature control unit can be used for heating and cooling with infinitely adjustable KNX valve drives or to trigger switch actuators and heating actuators. With the white backlit display for showing e.g. the time, date, temperature and operating mode. Menu for setting default operating modes, setpoint value, working/non-working day, display mode, time, switching times and brightness.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.

KNX software functions:
Functions of the multi-function push-button:
Switching, toggling, dimming, blind control (relative or absolute), pulse edges trigger 1-, 2- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions, timed control with synchronisation, alarm functions, .the cyclic reading of external temperature values, fan control.
Functions of the room temperature control unit:
Type of controller: 2-step control, continuous PI control, switching PI control (PWM)
Output: Continuous in the range 0..100% or switching ON/OFF
Controller mode:
- Heating with one controller output
- Cooling with one controller output
- Heating and cooling with separate controller outputs
- Heating and cooling with one controller output
- 2-step heating with 2 control outputs
- 2-step cooling with 2 control outputs

Operating modes: comfort, comfort extension, standby, night economy, frost/heat protection
Operation: Menu

In KNX, to be completed with: Flush-mounted module for multi-function push-button with room temperature control unit, art. no. 623299.
Accessories: Labelling software, art. no. 615022. Fan Coil actuator REG-K Art.-Nr. 645093.
Note: If you already have the labelling software, you can download the form for the multi-function push-button at www.merten.com. Use to label conventional foils (max. thickness 0.1 mm).
Contents: Screw for protection against dismantling. With protective hood for plaster.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**628744**	1/17	9	
polar white	**628719**	1/17	9	
aluminium	**628760**	1/17	9	
metallic				
stainless steel	**628746**	1/17	9	



Multi-function push-button, 4-gang with room temperature control unit

Application module for System Design.
Convenient control unit with eight operating buttons, operating display, eight blue status displays which can be triggered separately, and a labelling field. The blue operating display can also be used as an orientation sign.
With room temperature control unit and display.
With integrated piezoelectric buzzer to display alarm states and IR receiver. All functions of the respective buttons can be controlled via IR remote control Distance.
The room temperature control unit can be used for heating and cooling with infinitely adjustable KNX valve drives or to trigger switch actuators and heating actuators. With the white backlit display for showing e.g. the time, date, temperature and operating mode. Menu for setting default operating modes, setpoint value, working/non-working day, display mode, time, switching times and brightness.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.

KNX software functions:
Functions of the multi-function push-button:
Switching, toggling, dimming, blind control (relative or absolute), pulse edges trigger 1-, 2- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions, timed control with synchronisation, alarm functions, .the cyclic reading of external temperature values, fan control.
Functions of the room temperature control unit:
Type of controller: 2-step control, continuous PI control, switching PI control (PWM)
Output: Continuous in the range 0..100% or switching ON/OFF
Controller mode:
- Heating with one controller output
- Cooling with one controller output
- Heating and cooling with separate controller outputs
- Heating and cooling with one controller output
- 2-step heating with 2 control outputs
- 2-step cooling with 2 control outputs

Operating modes: comfort, comfort extension, standby, night economy, frost/heat protection
Operation: Menu

In KNX, to be completed with: Flush-mounted module for multi-function push-button with room temperature control unit, art. no. 623299. ARTEC frame, 1.5-gang, art- no. 4819...
Accessories: Labelling software, art. no. 615022. Fan Coil actuator REG-K Art.-Nr. 645093.
Transmitter: IR remote control Distance, art. no. 570222.
Note: If you already have the labelling software, you can download the form for the multi-function push-button at www.merten.com. Use to label conventional foils (max. thickness 0.1 mm). For each device only one flat size 60 mounting box and one flush-mounted module are required.
Contents: With screw for tamper-proofing, adhesive label, barrier covering the IR receiver. With protective hood for plaster.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**628844**	1/17	9	
polar white	**628819**	1/17	9	
aluminium	**628860**	1/17	9	
metallic				
stainless steel	**628846**	1/17	9	

www.merten.com



ARTEC frame, 1.5-gang

Dimensions: 80.5 x 111.7 mm (WxH)

In KNX, to be completed with: Multi-function push-button, 4-gang, with room temperature control unit, art. no. System Design 6288...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**481944**	2/100	1	
polar white	**481919**	2/100	1	
aluminium	**481960**	2/100	1.2	
metallic				
stainless steel	**481946**	2/100	1.2	



Flush-mounted module for multi-function push-button with room temperature control unit

For the connection of multi-function push-buttons with room temperature control unit via an application interface.
For screw mounting in the size 60 installation box.
Flat design. With LED and push-button for programming.

Mounting depth: 20 mm

In KNX, to be completed with: Multi-function push-button, 2-gang, with room temperature control unit, art. no. System M 6232.., 6273, System Design 6287... Multi-function push-button, 2-gang, with room temperature control unit, art. no. System M 6274.., 6288, System Design 6236... PLANTEC multi-function push-button with room temperature control unit, art. no. 626008.
Accessories: Protective cover for plaster, art. no. 690098.
Contents: With bus connecting terminal.

Version	Art. no.	PU	PG	Info
	623299	1/50	9	



Room temperature control unit, flush-mounted/PI

Application module for System M.
The device can be used for heating and cooling with infinitely adjustable KNX valve drives or to control switch actuators.

KNX software functions:
Controller type: PI controller/2-step/3-step with switched integral-action component, 2-step heating, 2-step cooling
Output: Continuous in the range 0.. 100%, switching ON/OFF
Controller mode: Heating with one controller output, cooling with one controller output, heating and cooling with shared controller outputs, or heating and cooling with separate controller outputs.
Operating modes: Comfort, standby, night economy, frost protection, dew point alarm
Operation: Setpoint adjustment can be parameterised in the range with rotary knob; presence button functions can be parameterised/switched off

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099.
Accessories: Protective hood for plaster, System M, art. no. 627591...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**625944**	1/50	9	
polar white, glossy	**625919**	1/50	9	
active white, glossy	**625925**	1/50	9	
Thermoplastic classy matt				
white	**624744**	1/50	9	
polar white	**624719**	1/50	9	
anthracite	**624714**	1/50	9	
aluminium	**624760**	1/50	9	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant



Room temperature control unit, flush-mounted/PI

Application module for System Design.
The device can be used for heating and cooling with infinitely adjustable KNX valve drives or to control switch actuators.

KNX software functions:
Controller type: PI controller/2-step/3-step with switched integral-action component, 2-step heating, 2-step cooling
Output: Continuous in the range 0.. 100%, switching ON/OFF
Controller mode: Heating with one controller output, cooling with one controller output, heating and cooling with shared controller outputs, or heating and cooling with separate controller outputs.
Operating modes: Comfort, standby, night economy, frost protection, dew point alarm
Operation: Setpoint adjustment can be parameterised in the range with rotary knob; presence button functions can be parameterised/switched off

In KNX, to be completed with: Bus coupler, flush-mounted, art. no. 690099.
Accessories: Protective hood for plaster, System Design, art. no. 628091...

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white	**624944**	1/50	9	
polar white	**624919**	1/50	9	
vanilla	**624982**	1/50	9	
ice blue	**624988**	1/50	9	
light grey	**624929**	1/50	9	
midnight blue	**624978**	1/50	9	
dark brazil	**624915**	1/50	9	
black grey	**624969**	1/50	9	
aluminium	**624960**	1/50	9	
metallic				
varnished stainless steel	**624946**	1/50	9	



EMO valve drive with 2 binary inputs

Electromotive proportional valve drive with integrated bus coupler and microprocessor control with automatic valve lift detection. With two integrated binary inputs.
The valve drive can be connected directly to the KNX. A separate power supply is not required.

KNX software functions:
Control value. Actual position. Status. Forced position (window "Open" detection, lower and upper limit for basic temperature control of underfloor heating for example). Binary inputs. Limit value.

Power consumption: typ. 10 mA
(= 240 mW; approx. 2 BCU modules)
Lift: min. 1.0 mm; max. 4.5 mm
Running time: 25 s/mm
Type of protection: IP 43 in line with EN 60529 (for vertical installation)
Protection class: III in line with EN 60730
Connecting cable: 1 m fixed; J(E)YY 3x2x0.6
Connection to bus line: via bus connecting terminal
Installation: suitable for all Heimeier thermostatic valve bodies and three-way changeover valves

Accessories: Programming magnet for valve drive EMO, art. no. 639190.

Version	Art. no.	PU	PG	Info
polar white	**639118**	1/30	9	



EMO valve drive

Electromotive proportional valve drive with integrated bus coupler and microprocessor control with automatic valve lift detection.
The valve drive can be connected directly to the KNX. A separate power supply is not required.

KNX software functions:
Setpoint position (control value). Actual position. Status signal. Forced position. Cyclical monitoring.

Power consumption: max. 12 mA at 20 V
(= 240 mW)
Lift: max. 4.5 mm
Running time: 25 s/mm
Type of protection: IP 43 in line with EN 60529 (for vertical installation)
Protection class: III in line with EN 60730
Connection cable: 1 m fixed; J-Y (St) Y 1 x 2 x 0.6
Connection to bus line: via bus connecting terminal
Installation: Fits all Heimeier thermostat valve bases

Accessories: Programming magnet for valve drive EMO, art. no. 639190.

Version	Art. no.	PU	PG	Info
polar white	**639119**	1/30	9	



Programming magnet for EMO valve drive

Non-contact programming of the physical address of the EMO valve drive or INSTABUS ARGUS 220.

In KNX, to be completed with:. . Valve drive EMO, art. no. 639119.. . Valve drive EMO, with 2 binary inputs, art. no. 639118.. . INSTABUS ARGUS 220 Connect, art. no. 6315....

Version	Art. no.	PU	PG	Info
	639190	10/180	9.1	



Fan Coil actuator REG-K

For heating, ventilation and air conditioning control. For controlling fan convectors with up to three speeds, as well as for controlling three-step motor drives (continuous/pulse-width-modulated) or two-step thermal drives. The valve drives are powered by the fan coil actuator.
For installation on DIN rails EN 50022. The bus is connected using a bus connecting terminal; a data rail is not necessary. Connection of the temperature sensor available as an accessory for recording the actual temperature. Two floating binary inputs e.g. for window contacts. Connection of 1-speed to 3-speed fans. The unused fan switch outputs can alternatively be used as switch actuator channels. **The multi-function push-button with room temperature control version 3A onwards can be used to control the fan coil actuator.**

KNX software functions:
Fan control:
In automatic mode, the fan speeds are controlled dependently by the control value of the multi-function push-button. The three fan speeds and automatic mode can be switched via EIB telegram. The fan can be controlled either directly or via actuators / suitable dimming actuators. Fan speed feedback is possible via corresponding status feedback objects e.g. status LED of the push-button. The fan speed as well as the automatic status "(Auto)" can be displayed on the display of the multi-function push-button with TCU.
Valve control:
Type of controller: PI controller (PWM and continuous).
Controller mode: Heating and/or cooling with common or separate valve outputs.
Operating modes: The operating mode is selected in the multi-function push-button with TCU
Temperature measurement:
The actual temperature can be measured locally by the actuator and sent cyclically to the bus.

Power supply: Integrated power supply unit AC 230 V ±10%, 50/60 Hz
Power consumption: 5 VA
Outputs: 3 floating contacts (fan coil), 2 semi-conductor switches (valve connections)
Inputs: 2 for signalling contacts, 1 for temperature sensor
Bus connection: EIB connecting terminal
Device width: 6 modules = approx. 108 mm

- **Accessories:** Temperature sensor, art. no. 645091. Multi-function push-button with room temperature control unit, art. no. 6232.., 6273.. , 6236..,6274.., 6287.., 6288.., 626008.
- **Note:** Only in conjunction with the Multi-function push-button with room temperature control unit, art. nos. 6232.., 6273.. , 6236..,6274.., 6287.., 6288.., 626008 **from version 3A.**
  Availability: Available June 2007.

Version	Art. no.	PU	PG	Info
light grey	**645093**	1/18	9.3	



Temperature sensor

The sensor for temperature recording is connected to the fan coil controller REG-K.

Cable length: max. 30 m

- **In KNX, to be completed with:** Fan coil controller REG-K, art. no. 645029. Fan coil controller REG-K, art. no. 645093.
- **Contents:** With 2 m connecting cable and plug.

Version	Art. no.	PU	PG	Info
	645091	1/100	9.3	



Heating actuator REG-K/6x230/0.05 A

For actuation of thermoelectric valve drives for heating or cooling ceilings. The heating actuator has 6 electronic outputs. Up to 4 valve drives can be connected to each output. The outputs are either switch activated (1 bit) or PWM signal (1 byte) activated. Each output is overload-protected and short-circuit-protected.
For installation on DIN rails EN 50022.
The bus is connected using a bus connecting terminal; a data rail is not necessary.

KNX software functions:
Cycle time, status feedback, summer and winter operation, cyclical monitoring of variables, locking each output in a forced position, behaviour on bus power failure and recovery, overload and short circuit status, mains power loss reporting, collective fault reporting connected to all valves, transmission of the largest 1 byte variable value.

Nominal voltage: AC 230 V, 50-60 Hz
Outputs: 6, electronic
Nominal current: 0.05 A, ohmic
Starting current: max. 1.5 A
Minimum load per used output: 1 valve drive
Number of valve drives max. 4 per output
Device width: 4 modules = approx. 72 mm

- **In KNX, to be completed with:** PLANTEC multi-function push-button with room temperature control unit, art. no. 626008. Multi-function push-button, 2-gang, with room temperature control unit, art. no. System M 6232.., 6273, System Design 6287... Multi-function push-button, 2-gang, with room temperature control unit, art. no. System M 6274.., 6288, System Design 6236... Room temperature control unit, flush-mounted/PI, art. no. 6247.., 6249.., 6246.., 6248... Thermoelectric valve drive 230 V, art. no. 639125.
- **Contents:** With bus connecting terminal and cable cover.

Version	Art. no.	PU	PG	Info
light grey	**645129**	1/10	9.3	

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Thermoelectric valve drive 230 V

Thermoelectric valve drive for opening and closing valves. For 2-step or PWM control of heating, air conditioning and ventilation systems, individual room control of surface heaters, control of heating circuit distributors, radiators, convector heaters, cooling ceilings. Operation is carried out by the heating actuator REG-K/ 6x230/0.05 A or a room temperature control unit (230 V) with 2-step or PWM output.
Valve adapters permit compatibility with a variety of valve bodies and heating circuit distributors.

Functions:

- First-open function: The drive is factory-set to de-energised open. This allows the heating to be operated during the building shell phase.
- De-energised closed
- Functional display (open, closed, intermediate settings)
- Adjustment control
- Protection against dismantling
- Plug-in connecting cable
- Plug-in assembly

Supply voltage: AC 230 V, 50/60 Hz
Starting current: max. 300 mA for max. 200 ms
Operating current: 8 mA
Power consumption: 1.8 W
Lift: approx. 4 mm
Running time: 45 s/mm
Positioning force: 100 N
Circulating medium temperature: 0-100 °C
Type of protection: IP 54 / II, in all installations
Connecting cable: 1 m, 2x0.75 mm² PVC
Dimensions: 60x44x61 mm (HxWxD)

To be completed with: Room temperature control insert with switch, art. no. 536302. Valve adapter VA10, art. no. 639110. Valve adapter VA50, art. no 639150. Valve adapter VA78, art. no. 639178. Valve adapter VA80, art. no. 639180.
In KNX, to be completed with: Heating actuator REG-K/6x230/0.05 A, art. no. 645129.

Version	Art. no.	PU	PG	Info
polar white	**639125**	1/50	9	



Thermoelectric valve drive 24 V

Thermoelectric valve drive for opening and closing valves. For 2-step or PWM control of heating, air conditioning and ventilation systems, individual room control of surface heaters, control of heating circuit distributors, radiators, convector heaters, cooling ceilings. Operation is carried out by the fan coil controller REG-K or a room temperature control unit (24 V) with 2-step or PWM output.
Valve adapters permit compatibility with a variety of valve bodies and heating circuit distributors.

Functions:

- First-open function: The drive is factory-set to de-energised open. This allows the heating to be operated during the building shell phase.
- De-energised closed
- Functional display (open, closed, intermediate settings)
- Adjustment control
- Protection against dismantling
- Plug-in connecting cable
- Plug-in assembly

Supply voltage: AC/DC 24 V + 20%/- 10%, 0-60 Hz
Starting current: max. 250 mA for max. 2 min
Operating current: 80 mA
Power consumption: 2 W
Lift: approx. 3 mm
Running time: 60 s/mm
Positioning force: 90 N
Circulating medium temperature: 0-100 °C
Type of protection: IP 44 / II
Connecting cable: 1 m fixed, 2x0.5 mm
Dimensions: 53x43x53 mm (HxWxD)

To be completed with: Room temperature control insert with switch, art. no. 536304. Power supply REG, AC 24 V / 1 A, art. no. 663529. Valve adapter VA10, art. no. 639110. Valve adapter VA50, art. no 639150. Valve adapter VA78, art. no. 639178. Valve adapter VA80, art. no. 639180.
In KNX, to be completed with: Fan coil controller REG-K, art. no. 645029.

Note: Protective cap AA SK 1000 (aluminium, white RAL 9016) available on request. To install the protective cap, a higher valve adapter must be used (available on request). Check compact radiators in advance to see if they are suitable.

Version	Art. no.	PU	PG	Info
polar white	**639124**	1/70	9	



Valve adapter VA10 for thermoelectric valve drive

For Dumser, Vescal, Simplex.
Valve adapters permit compatibility with a variety of valve bodies and heating circuit distributors

To be completed with: Thermoelectric valve drive 230 V, art. no. 639125. Thermoelectric valve drive 24 V, art. no. 639124.

Version	Art. no.	PU	PG	Info
	639110	5/400	9	

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Valve adapter VA50 for thermoelectric valve drive

For Honeywell+Braukmann, Reich, Landis+Gyr, MNG, Cazzagniga.
Valve adapters permit compatibility with a variety of valve bodies and heating circuit distributors

To be completed with: Thermoelectric valve drive 230 V, art. no. 639125. Thermoelectric valve drive 24 V, art. no. 639124.

Version	Art. no.	PU	PG	Info
	639150	5/400	9	



Valve adapter VA78 for thermoelectric valve drive

For Danfoss RA.
Valve adapters permit compatibility with a variety of valve bodies and heating circuit distributors

To be completed with: Thermoelectric valve drive 230 V, art. no. 639125. Thermoelectric valve drive 24 V, art. no. 639124.

Version	Art. no.	PU	PG	Info
	639178	5/400	9	



Valve adapter VA80 for thermoelectric valve drive

For Heimeier, Herb, Onda, Schlösser (from 1993), Oventrop M30x1.5, TeSa.
Valve adapters permit compatibility with a variety of valve bodies and heating circuit distributors

To be completed with: Thermoelectric valve drive 230 V, art. no. 639125. Thermoelectric valve drive 24 V, art. no. 639124.

Version	Art. no.	PU	PG	Info
	639180	5/400	9	

Fan coil controller



Fan coil controller REG-K

For heating, ventilation and air conditioning control. For controlling fan convectors with up to three speeds, as well as for controlling three-step motor drives (continuous/pulse-width-modulated) or two-step thermal drives. Alternatively, the valve drives can also be controlled via EIB. The valve drives are powered by the fan coil controller.
For installation on DIN rails EN 50022. The bus is connected using a bus connecting terminal; a data rail is not necessary. Connection of the temperature sensor available as an accessory for recording the actual temperature and control potentiometer for setpoint adjustment. Two floating binary inputs for window contact and level contact for condensed water container. Connection of 1-speed to 3-speed fans. The unused fan switch outputs can alternatively be used as switch actuator channels. The flush-mounted room control units, the multi-function push-button with room temperature control unit or a control potentiometer can be used to control the fan coil controller.

KNX software functions:
Fan control:
In automatic mode, the fan speeds are activated depending on the control value of the controller. The three fan speeds and automatic mode can be switched via EIB telegram. The fan can be controlled either directly or via actuators / suitable dimming actuators.
Valve control:
Type of thermostat: PI controller (PWM and continuous).
Controller mode: Heating and/or cooling with common or separate controller outputs.
Operating modes: Comfort. Comfort extension. Standby. Night economy. Frost/heat protection.

Power supply: Integrated power supply unit AC 230 V ±10%, 50/60 Hz
Power consumption: 5 VA
Outputs: 3 floating contacts (fan coil), 2 semi-conductor switches (valve connections)
Inputs: 2 for signalling contacts, 1 for temperature sensor
Bus connection: EIB connecting terminal
Device width: 6 modules = approx. 108 mm

Accessories: Temperature sensor, art. no. 645091.
Note: The fan coil controller cannot be combined with the multi-function push-buttons on the room temperature control unit. The fan coil controller can also be operated without an EIB connection.

Version	Art. no.	PU	PG	Info
light grey	**645029**	1/18	9.3	



Temperature sensor

The sensor for temperature recording is connected to the fan coil controller REG-K.

Cable length: max. 30 m

In KNX, to be completed with: Fan coil controller REG-K, art. no. 645029. Fan coil controller REG-K, art. no. 645093.
Contents: With 2 m connecting cable and plug.

Version	Art. no.	PU	PG	Info
	645091	1/100	9.3	

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Power supplies



Power supply REG, 24 V DC / 0.4 A

Power supply for 24 V binary inputs, IC 1 EIB Internet controller REG-K, panel control REG-K.
For installation onto DIN rails EN 50022.
With integrated overload and short-circuit protection.

Primary supply: AC 230 V, 48-63 Hz
Output voltage: DC 24 V +/- 3 %
Output current: max. 0.4 A
Output power: max. 10 W
Device width: 1 module = approx. 18 mm

For supplying power to: Binary input REG-K/4x24 art. no. 644890. Binary input REG-K/8x24 art. no. 644790. Binary input REG-K/8x24 art. no. 644792. IC 1 EIB Internet controller merten@home REG-K, art. no. 6951... Panel control REG-K/12x24 art. no. 675001. Panel control REG-K/8-4x24 art. no. 675101. Universal I/O panel control REG-K/32x24 art. no. 675201. KNX/IP router REG-K art. no. 680329.

Version	Art. no.	PU	PG	Info
	693003	1/60	9.3	



Power supply REG, 24 V DC / 1 A

Power supply for 24 V binary inputs, IC 1 EIB Internet controller REG-K, panel control REG-K.
For installation onto DIN rails EN 50022.
With integrated overload and short-circuit protection.

Primary supply: AC 90-260 V, 48-63 Hz
Output voltage: DC 24 V +/- 3 %
Output current: max. 1 A
Output power: max. 24 W
Device width: 5 modules = approx. 90 mm

For supplying power to: Binary input REG-K/4x24 art. no. 644890. Binary input REG-K/8x24 art. no. 644790. Binary input REG-K/8x24 art. no. 644792. IC 1 EIB Internet controller merten@home REG-K, art. no. 6951... Panel control REG-K/12x24 art. no. 675001. Panel control REG-K/8-4x24 art. no. 675101. Universal I/O panel control REG-K/32x24 art. no. 675201. IP touch panel 10" art. no. 683090.

Version	Art. no.	PU	PG	Info
	693004	1/15	9.3	



Power supply REG, AC 24 V/1 A

Power supply for 24 V binary inputs, weather station REG-K/4-gang, analogue input module REG-K/4-gang, rain sensor, wind sensor with 0-10 V interface and heating.
For installation onto DIN rails EN 50022.
With fuse.

Primary supply: AC 230 V, +/- 10 %, 50-60 Hz
Output voltage: AC 24 V
Output current: max. 1 A
Fuse: 5x20 mm, 250 V, T 160 mA
Device width: 5 modules = approx. 90 mm

For supplying power to: Binary input REG-K/4x24 art. no. 644890. Binary input REG-K/8x24 art. no. 644790. Binary input REG-K/8x24 art. no. 644792. Weather station REG-K/4-gang, art. no. 682991. Analogue input module REG/4-gang Art. No. 682192. Rain sensor for art. no. 663595. Wind sensor with 0-10V interface and heating, art. no. 663592.

Contents: With spare fuse.

Version	Art. no.	PU	PG	Info
	663529	1/15	9.3	

Teaching aids



Merten info CD

The Merten info CD contains information and data on the products.

Contents:

- KNX product manual. The book provides detailed descriptions of KNX devices with electrical and mechanical data, as well as descriptions of the application programs and the parameters that can be configured.
- Product databases (German/English)
- Mini-function module tool software
- PLANTEC tool software PTS
- Panel programming software EIB TAB 2.
- Programming software ETS tool for MT 701 V2.0
- Display tool software DTS
- ETS tool for weather station
- IC 1 Configuration Cloner, IP Changer
- Tender documents (Ansi/Gaeb format)
- Documentation on Merten products

Language: German.

Version	Art. no.	PU	PG	Info
	616002	1/1	9.9	



ZVEI/ZVEH Building Services Management Manual, Basics

Manufacturer-neutral description of EIB with hints for planning, engineering, installation and commissioning.

Language: German.

Version	Art. no.	PU	PG	Info
	616001	1/1	9.9	



ZVEI/ZVEH Building Services Management Manual, Applications

The manual gives selected examples of representative EIB installations.

Language: German.

Version	Art. no.	PU	PG	Info
	616003	1/1	9.9	



Merten CD

The interactive CD gives comprehensive information on the subject of KNX.
Uses typical situations in homes, offices and hotels to show how Merten KNX makes life and work easier, more flexible, more productive and more secure. The CD leads you through the Merten product spectrum, giving ideas for new function and demonstrating solutions. Checklists help you determine what components you need, so that system planning can be performed even more efficiently.

Note: The CD can be ordered over the Internet at www.mymerten.com.
Language: German. English. French. Spanish. Italian. Portuguese. Dutch. Polish. Swedish. Norwegian. Russian. Chinese.

www.merten.com

COOKER AND APPLIANCE CONNECTION BOXES
RUBBER SCHUKO® PLUGS AND CONNECTORS
FOR FIXED CONNECTIONS



Cooker and appliance connection boxes

Whether flush-mounted or surface-mounted with simple or multiple connection boxes, Merten cooker and appliance connection boxes meet all professional requirements and guarantee a safe, reliable and robust connection, not least thanks to their shatter-proof covers.

Rubber SCHUKO® plugs and connectors

Indestructible Merten rubber SCHUKO® plugs and connectors can take a lot, both in day-to-day use in the workshop and on large-scale building sites. Merten has suitable plugs and connectors for every area and type of application.

Thanks to a modular assembly system, the snap collars, screwed joints and hinged lids are compatible with all plugs and connectors and can be easily replaced. All Merten rubber plugs and connectors bear the hammer symbol as well as all recognised quality marks. Guaranteed product quality you can rely on day after day.



CONTENTS



Cooker and appliance connection boxes



Plugs and connectors

408 COOKER AND APPLIANCE CONNECTION BOXES

408 Cooker and appliance connection boxes
409 Cable junction boxes

410 RUBBER SCHUKO PLUGS AND CONNECTORS

410 Heavy-duty all-rubber plugs and connectors
411 All-rubber plugs and connectors
412 Rubber plugs and connectors
413 Export versions
413 Still in the range

414 SCHUKO PLUGS AND CONNECTORS

414 SCHUKO socket-outlets
414 SCHUKO plugs and sockets

417 PLUGS AND CONNECTORS

417 PERILEX plugs and connectors
418 HNA plugs and connectors

Cooker and appliance connection boxes



Cooker connection box, flush-mounted

Nominal cross-section 2.5 mm²

Particularly flat design. With shatter-proof lid and snap lock, removable terminal block with 5 double terminals.

IP 20

Technical Information: Cooker sockets (⇒ p. 445)

Note: If using extension claws art. no. 533591, also fits size 70 flush-mounted boxes.

Version	Art. no.	PU	PG	Info
polar white	**520427**	5/60	6.1	



Cooker connection box, flush- and surface-mounted

Nominal cross-section 2.5 mm²

With shatter-proof lid and snap lock. Screw and claw fixing for size 60 and 70 flush-mounted boxes with removable claws.
Large, clear wiring compartment.
Dowel fixing and cable entry from above also possible. Strain relief.

IP 20

Technical Information: Cooker sockets (⇒ p. 445)

Version	Art. no.	PU	PG	Info
polar white	**520619**	5/40	6.1	



Cooker connection box, flush-mounted

Nominal cross-section 4 mm²

IP 20

Contents: With plaster adjustment ring, insulating mounting box, protective cover for plaster.

Version	Art. no.	PU	PG	Info
white	**520227**	2/22	6	



Cooker connection box, flush-mounted, IP 21

Nominal cross-section 4 mm²

Terminal block with 5 double terminals.
Gasket on the underside of the cover and on the cable outlet.

IP 21

Version	Art. no.	PU	PG	Info
white	**520327**	2/22	6	



Cooker connection box, surface-mounted

Nominal cross-section 6 mm²

With 5-pole terminal block.

IP 20

Version	Art. no.	PU	PG	Info
white	**520827**	5/30	6	



IP 20

Three-section appliance connection box, flush- and surface-mounted

Nominal cross-section 2.5 mm²

2 shatter-proof lids with snap lock, 3 removable terminal blocks with 12 double terminals.
Large, clearly visible wiring compartments.
Screw and claw fixing for size 60 and size 70 flush-mounted boxes (brick walls, cavity walls and concrete), with removable spreading claws.
Dowel fixing also possible.

Technical Information: Cooker sockets (⇒ p. 445)

Version	Art. no.	PU	PG	Info
polar white	**521044**	5/20	6	



IP 20

Three-section appliance connection box, flush-mounted

Nominal cross-section 2.5 mm²

2 x 5 double terminals, removable, to connect electric storage heaters or 2 different electrical household appliances.

Version	Art. no.	PU	PG	Info
white	**521427**	5/10	6	



IP 20

Three-section appliance connection box, flush-mounted, large terminal compartment

Nominal cross-section 2.5 mm²

3 x 5 double terminals, 3 separate connection chambers to connect electric storage heaters or to power 3 different electrical household appliances.

Version	Art. no.	PU	PG	Info
white	**521927**	1/12	6	

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Terminal block

5-pole, for 2.5 mm²
Double terminals with hole diameter 3.8 mm.
Very versatile.

Accessories from: Cooker connection box, art. no. 520427, 521044, 521427, 521927.

Version	Art. no.	PU	PG	Info
white	**520900**	10/480	6	

Cable junction boxes

- Cable junction boxes allow cables of different cross-sections, from 3 x 1.5 mm² to 5 x 6 mm², to be connected safely and quickly.



Cable junction box

5 x 2.5 mm², ø 27.5 mm

For fixed cabling. With strain relief.
Certified in line with VDE 0606.

IP54

Version	Art. no.	PU	PG	Info
5 x 2.5 mm², grey	**526129**	10/200	7	



Cable junction box

5 x 6 mm², ø 34.5 mm

IP54

For fixed cabling. With strain relief.
Certified in line with VDE 0606.

Version	Art. no.	PU	PG	Info
5 x 6 mm², grey	**526229**	10/100	7	

SCHUKO rubber plugs and connectors for wind and weather.

- According to the regulations regarding electrical power systems (VDE 0100 § 55e), the only connectors and plugs permissible on building sites are those that conform to DIN 49440 and 49441 and are approved "for harsh conditions". These plugs and connectors bear the hammer symbol.
- IP 44 splashwater protection is achieved in conjunction with a snap collar and hinged lid.
- Modular system for the extension of SCHUKO plugs and connectors with snap collar, hinged lid and screwed joint.
- Material: Natural rubber
- Uniform design
- Easy grip thanks to optimised shaping of the surface
- Simple and quick installation thanks to easily accessible screws
- The strain relief allows cables with different diameters to be used

Heavy-duty all-rubber plugs and connectors

- Extra large terminal compartment
- Rubber insert for use in extreme conditions
- Screws at the front for ultimate tensile strength
- Modular system for easy extension
- Smart design



Heavy-duty all-rubber SCHUKO plug

16 A, AC 250 V, DIN 49441

Splash-proof plug.
Robust design. Bend protection sleeve with membrane seal. Shatter-proof, corrosion-resistant.
For cables up to 3 x 2.5 mm² H 07 RN-F and NSSHöu.

Version	Art. no.	PU	PG	Info
black	**123551**	10/80	4	



Heavy-duty all-rubber SCHUKO connector

16 A, AC 250 V, DIN 49440

Robust design. Bend protection sleeve with membrane seal. Shatter-proof, corrosion-resistant.
For cables up to 3 x 2.5 mm² H 07 RN-F and NSSHöu.

Accessories: Snap collar for SCHUKO connector, art. no. 174196. Replacement hinged lid for all-rubber SCHUKO connector, art. no. 173097. Screwed joint, art. no. 535491.

Version	Art. no.	PU	PG	Info
black	**173091**	10/60	4	



Heavy-duty all-rubber SCHUKO connector with snap collar

16 A, AC 250 V, DIN 49440

Robust design. Bend protection sleeve with membrane seal. Shatter-proof, corrosion-resistant.
For cables up to 3 x 2.5 mm² H 07 RN-F and NSSHöu.

Accessories: Replacement hinged lid for all-rubber SCHUKO connector, art. no. 173097. Screwed joint, art. no. 535491.
Replacement part: Snap collar for SCHUKO connector, art. no. 174196.

Version	Art. no.	PU	PG	Info
black	**173092**	10/40	4	



Heavy-duty all-rubber SCHUKO connector with snap collar and hinged lid

16 A, AC 250 V, DIN 49440

Splash-proof connector. Robust design. Bend protection sleeve with membrane seal. Shatter-proof, corrosion-resistant.
For cables up to 3 x 2.5 mm² H 07 RN-F and NSSHöu.

Accessories: Screwed joint, art. no. 535491.
Replacement part: Snap collar for SCHUKO connector, art. no. 174196. Replacement hinged lid for all-rubber SCHUKO connector, art. no. 173097.

Version	Art. no.	PU	PG	Info
black	**173051**	10/60	4	



Heavy-duty all-rubber SCHUKO plugs and connectors

16 A, AC 250 V, DIN 49440/49441

Splash-proof, heavy-duty all-rubber plugs and connectors with snap collar, hinged lid and screwed joint. Robust design. Bend protection sleeve with membrane seal. Shatter-proof, corrosion-resistant.
For cables up to 3 x 2.5 mm² H 07 RN-F and NSSHöu.

Replacement part: Snap collar for SCHUKO connector, art. no. 174196. Replacement hinged lid for all-rubber SCHUKO connector, art. no. 173097. Screwed joint, art. no. 535491.

Version	Art. no.	PU	PG	Info
black/yellow	**535593**	1/12	4	



Screwed joint

For plugs and connectors with snap collars.

Accessories from: SCHUKO plugs and connectors, art. no. 535451/93, 535593.

Version	Art. no.	PU	PG	Info
yellow	**535491**	1/80	4	

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Snap collar for SCHUKO connector

Accessories from: Rubber SCHUKO connector, art. no. 1740.., 1741... All-rubber SCHUKO connector, art. no. 1729... Heavy-duty all-rubber SCHUKO connector, art. no. 1730...

Version	Art. no.	PU	PG	Info
black	**174196**	10/120	4	



Replacement hinged lid for all-rubber SCHUKO connector

Accessories from: All-rubber SCHUKO connector, art. no. 1729... Heavy-duty all-rubber SCHUKO connector, art. no. 1730...

Version	Art. no.	PU	PG	Info
black	**173097**	10/120	4	

All-rubber plugs and connectors

- Extra large terminal compartment
- Rubber insert for use in extreme conditions
- Screws at the front for ultimate tensile strength
- Modular system for easy extension
- Smart design



All-rubber SCHUKO plug

16 A, AC 250 V, DIN 49441

Splash-proof plug.
Robust design, corrosion-resistant.
Highly shatter-resistant.
For cables up to 3 x 2.5 mm² H 07 RN-F and NSSHöu.

Version	Art. no.	PU	PG	Info
black	**122051**	10/80	4	



All-rubber SCHUKO connector

16 A, AC 250 V, DIN 49440

Robust design, corrosion-resistant. Highly shatter-resistant.
For cables up to 3 x 2.5 mm² H 07 RN-F and NSSHöu.

Accessories: Snap collar for SCHUKO connector, art. no. 174196. Replacement hinged lid for all-rubber SCHUKO connector, art. no. 173097. Screwed joint, art. no. 535491.

Version	Art. no.	PU	PG	Info
black	**172991**	10/80	4	



All-rubber SCHUKO connector with snap collar

16 A, AC 250 V, DIN 49440

Robust design, corrosion-resistant. Highly shatter-resistant.
For cables up to 3 x 2.5 mm² H 07 RN-F and NSSHöu.

Accessories: Replacement hinged lid for all-rubber SCHUKO connector, art. no. 173097. Screwed joint, art. no. 535491.
Replacement part: Snap collar for SCHUKO connector, art. no. 174196.

Version	Art. no.	PU	PG	Info
black	**172951**	10/80	4	



All-rubber SCHUKO connector with snap collar and hinged lid

16 A, AC 250 V, DIN 49440

Splash-proof connector. Robust design, corrosion-resistant. Highly shatter-resistant.
For cables up to 3 x 2.5 mm² H 07 RN-F and NSSHöu.

Accessories: Screwed joint, art. no. 535491.
Replacement part: Snap collar for SCHUKO connector, art. no. 174196. Replacement hinged lid for all-rubber SCHUKO connector, art. no. 173097.

Version	Art. no.	PU	PG	Info
black	**172993**	10/40	4	



All-rubber SCHUKO plugs and connectors

16 A, AC 250 V, DIN 49440/49441

Splash-proof, all-rubber plugs and connectors with snap collar, hinged lid and screwed joint. Robust design, corrosion-resistant. Highly shatter-resistant.
For cables up to 3 x 2.5 mm² H 07 RN-F and NSSHöu.

Replacement part: Snap collar for SCHUKO connector, art. no. 174196. Replacement hinged lid for all-rubber SCHUKO connector, art. no. 173097. Screwed joint, art. no. 535491.

Version	Art. no.	PU	PG	Info
black/yellow	**535493**	1/12	4	



Screwed joint

For plugs and connectors with snap collars.

Accessories from: SCHUKO plugs and connectors, art. no. 535451/93, 535593.

Version	Art. no.	PU	PG	Info
yellow	**535491**	1/80	4	



Snap collar for SCHUKO connector

Accessories from: Rubber SCHUKO connector, art. no. 1740.., 1741... All-rubber SCHUKO connector, art. no. 1729... Heavy-duty all-rubber SCHUKO connector, art. no. 1730...

Version	Art. no.	PU	PG	Info
black	**174196**	10/120	4	



Replacement hinged lid for all-rubber SCHUKO connector

Accessories from: All-rubber SCHUKO connector, art. no. 1729... Heavy-duty all-rubber SCHUKO connector, art. no. 1730...

Version	Art. no.	PU	PG	Info
black	**173097**	10/120	4	

Rubber plugs and connectors

- Modular system for easy extension
- Smart design



Rubber SCHUKO plug

16 A, AC 250 V, DIN 49441

Splash-proof plug.
With shatter-proof insert.
For cables up to 3 x 2.5 mm² H 07 RN-F and NSSHöu.

IP 44

Version	Art. no.	PU	PG	Info
black	**122151**	10/80	4	



Rubber SCHUKO connector

16 A, AC 250 V, DIN 49440

With shatter-proof insert.
For cables up to 3 x 2.5 mm² H 07 RN-F and NSSHöu.

Accessories: Snap collar for SCHUKO connector, art. no. 174196. Replacement hinged lid for all-rubber connector, art. no. 174197. Screwed joint, art. no. 535491.

Version	Art. no.	PU	PG	Info
black	**174091**	10/80	4	



Rubber SCHUKO connector with snap collar

16 A, AC 250 V, DIN 49440

With shatter-proof insert.
For cables up to 3 x 2.5 mm² H 07 RN-F and NSSHöu.

Accessories: Replacement hinged lid for all-rubber connector, art. no. 174197. Screwed joint, art. no. 535491.
Replacement part: Snap collar for SCHUKO connector, art. no. 174196.

Version	Art. no.	PU	PG	Info
black	**174051**	10/80	4	



Rubber SCHUKO connector with snap collar and hinged lid

16 A, AC 250 V, DIN 49440

Splash-proof connector. With shatter-proof insert. Snap collar and hinged lid.
For cables up to 3 x 2.5 mm² H 07 RN-F and NSSHöu.

IP 44

Accessories: Screwed joint, art. no. 535491.
Replacement part: Snap collar for SCHUKO connector, art. no. 174196. Replacement hinged lid for all-rubber connector, art. no. 174197.

Version	Art. no.	PU	PG	Info
black	**174151**	10/40	4	



Rubber SCHUKO plugs and connectors

16 A, AC 250 V, DIN 49440/49441

Splash-proof, all-rubber plugs and connectors with snap collar, hinged lid and screwed joint. Strain-resistant and shatter-proof plug-in connection.

IP 44

Replacement part: Snap collar for SCHUKO connector, art. no. 174196. Replacement hinged lid for all-rubber connector, art. no. 174197. Screwed joint, art. no. 535491.

Version	Art. no.	PU	PG	Info
black/yellow	**535451**	1/12	4	



Screwed joint

For plugs and connectors with snap collars.

Accessories from: SCHUKO plugs and connectors, art. no. 535451/93, 535593.

Version	Art. no.	PU	PG	Info
yellow	**535491**	1/80	4	

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Snap collar for SCHUKO connector

Accessories from: Rubber SCHUKO connector, art. no. 1740.., 1741... All-rubber SCHUKO connector, art. no. 1729... Heavy-duty all-rubber SCHUKO connector, art. no. 1730...

Version	Art. no.	PU	PG	Info
black	**174196**	10/120	4	



Replacement hinged lid for rubber connector

Accessories from: Rubber SCHUKO connector, art. no. 1740.., 1741...

Version	Art. no.	PU	PG	Info
black	**174197**	10/120	4	

Export versions

- Modular system for easy extension.
- Handy design.



Rubber SCHUKO plug (DE, FR, BE)

16 A, AC 250 V, DIN 49441, CEE 7 Standard Sheet 7

With German and French earthing contact.
Splash-proof plug.
With shatter-proof insert.
For cables up to 3 x 2.5 mm² H 07 RN-F and NSSHöu.

Version	Art. no.	PU	PG	Info
black	**123251**	10/60	4	

Still in the range



Heavy-duty all-rubber SCHUKO triple connector

16 A, AC 250 V, DIN 49440

Splash-proof industrial connector made from thermostable rubber. Moulded hook with holes for wall fixing. Snap collars and hinged lids, corrosion-resistant.
For cables up to 3x2.5 mm² H 07 RN-F and NSSHöu.

Replacement part: Replacement cover for heavy-duty all-rubber SCHUKO triple connector, art. no. 178891.

Version	Art. no.	PU	PG	Info
black	**178851**	1/12	4	



Heavy-duty all-rubber SCHUKO triple connector with 5 m incoming cable

16 A, AC 250 V, DIN 49440

Splash-proof industrial connector made from thermostable rubber. Moulded hook with holes for wall fixing. Snap collars and hinged lids, corrosion-resistant.
With 5 m incoming cable 3 x 1.5 mm² H 07 RN-F and mounted all-rubber SCHUKO® plug, art. no. 122051.

Replacement part: Replacement cover for heavy-duty all-rubber SCHUKO triple connector, art. no. 178891.

Version	Art. no.	PU	PG	Info
black	**178899**	1/5	4	



Replacement cover for heavy-duty all-rubber SCHUKO triple connector

Accessories from: Heavy-duty all-rubber SCHUKO triple connector, art. no. 178851/99.

Version	Art. no.	PU	PG	Info
black	**178891**	1/150	4	



All-rubber SCHUKO triple suspended connector

16 A, AC 250 V, DIN 49440

Made from thermostable rubber. With moulded hook and hinged lids, corrosion-resistant.
For cables up to 3 x 2.5 mm² H 07 RN-F.

Replacement part: Replacement cover for all-rubber SCHUKO triple suspended connector, art. no. 179851.
Note: The housing screws may only be tightened manually (tightening torque 0.8 Nm).

Version	Art. no.	PU	PG	Info
black	**179851**	1/21	4	



Replacement cover for all-rubber SCHUKO triple suspended connector

Accessories from: All-rubber SCHUKO triple suspended connector, art. no. 179851.

Version	Art. no.	PU	PG	Info
black	**179891**	1/150	4	



SCHUKO rubber socket-outlet, surface-mounted

16 A, AC 250 V, DIN 49440

Made of thermostable rubber, with compression-moulded base, corrosion-resistant, shatter-proof. With screw terminals.

Version	Art. no.	PU	PG	Info
black	**225251**	10/70	4	

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SCHUKO socket-outlets



SCHUKO triple socket-outlet, flush-mounted/surface-mounted

16 A, AC 250 V, DIN 49440

For installation in size 60 flush-mounted boxes.
Dowel fixing also possible.
With screw terminals.
With claw and screw fixing.

Version	Art. no.	PU	PG	Info
white	**271327**	5/20	1.5	



SCHUKO triple socket-outlet

16 A, AC 250 V, DIN 49440

With plug-in terminals.

Note: For cavity wall installation: Use special box, art. no. 9062 from the Kaiser company in Schalksmühle, Germany.
Contents: Complete device with double mounting box and fixing screws.

Version	Art. no.	PU	PG	Info
white	**231224**	5/30	1	
polar white	**231218**	5/30	1	



Double mounting box

Plastic

Replaces two size 60 mounting boxes.
Box is suitable for all conventional twin combinations.
Double mounting box for surface installation of PLANTEC with 8/18 function keys and display in solid walls.

Version	Art. no.	PU	PG	Info
	528668	1/30	1	



Impact-resistant SCHUKO socket-outlet, flush-mounted

16 A, AC 250 V, DIN 49440

Full, gently-curved top cover (100 x 100 mm).
With screw terminals.
The dowel fixing provides protection in case the cable is pulled with excessive force.

Contents: Complete device.

Version	Art. no.	PU	PG	Info
white	**270727**	5/15	1	
polar white	**270719**	5/15	1	



SCHUKO e.l.c.b.-protected socket-outlet with hinged lid and improved protection against accidental contact

Integrated, improved protection against accidental contact in accordance with VDE 0620 Part 1 (replaces the previous designation "child protection").
Constructed in accordance with VDE 0664 (EN 61008). For the improvement of safety in existing installations according to VDE 0100 Part 410. Output to connect further loads.
For integration into a size 60 mounting box.
The e.l.c.b.-protected socket-outlet can be retrofitted for additional protection against damp using the gasket set.

Voltage: AC 230 V
Fault current: 30 mA
Max. current: 16 A
Short-circuit withstand capability: 3000 A
Type of protection: IP 20

Accessories: Gasket set, art. no. 232990.
Contents: Complete device.

Version	Art. no.	PU	PG	Info
polar white	**232999**	1/24	8.1	



Gasket set

The e.l.c.b.-protected socket-outlet can be retrofitted for additional protection against damp using the gasket set.

To be completed with: System Basis SCHUKO e.l.c.b.-protected socket-outlet with hinged lid, art. no. 232999.

Version	Art. no.	PU	PG	Info
Gasket set	**232990**	1/70	1	

SCHUKO plugs and sockets



SCHUKO plug

16 A, AC 250 V, DIN 49441

Small, shatter-proof quality plug with recessed grips.

Version	Art. no.	PU	PG	Info
white	**122427**	30/240	3.1	
grey	**122463**	30/180	3.1	
dark brazil	**122415**	30/180	3.1	



SCHUKO plug (DE, FR, BE)

16 A, AC 250 V, DIN 49441, CEE 7 Standard Sheet 7

With German and French earthing contact.
Small, shatter-proof quality plug with recessed grips.

Version	Art. no.	PU	PG	Info
grey	**123363**	30/180	3.1	

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SCHUKO connector

16 A, AC 250 V, DIN 49440

Small, easy-to-grip connector with shatter-proof housing.

Version	Art. no.	PU	PG	Info
white	**172427**	15/120	3.1	
grey	**172463**	15/90	3.1	
dark brazil	**172415**	15/90	3.1	



Shatter-proof SCHUKO plug

16 A, AC 250 V, DIN 49441

With lateral insertion and one-piece, shatter-proof housing.

Version	Art. no.	PU	PG	Info
white	**120927**	25/200	3.1	
dark brazil	**120915**	25/150	3.1	



Shock-proof SCHUKO plug with bend protection sleeve

16 A, AC 250 V, DIN 49441

With lateral insertion, bend protection sleeve and one-piece, shatter-proof housing.

Version	Art. no.	PU	PG	Info
grey	**120963**	20/120	3.1	



SCHUKO angled plug with toggle switch

16 A, AC 250 V, DIN 49441

With 2-pole toggle switch.
Shatter-proof lid.

Version	Art. no.	PU	PG	Info
white	**128427**	15/90	3	



SCHUKO angled plug with toggle switch and control lamp

16 A, AC 250 V, DIN 49441

With 2-pole toggle switch.
Shatter-proof lid, control light.

Version	Art. no.	PU	PG	Info
white	**128474**	15/90	3	



SCHUKO angled plug with toggle switch (DE, FR, BE)

16 A, AC 250 V, DIN 49441, CEE 7 Standard Sheet 7

With German and French earthing contact.
With 2-pole toggle switch.
Shatter-proof lid.

Version	Art. no.	PU	PG	Info
white	**128527**	15/90	3	



SCHUKO angled plug with toggle switch, control lamp (DE, FR, BE)

16 A, AC 250 V, DIN 49441, CEE 7 Standard Sheet 7

With German and French/Belgian earthing contact.
With 2-pole toggle switch.
Shock-proof lid, control light.

Version	Art. no.	PU	PG	Info
white	**128574**	15/90	3	



PVC SCHUKO plug

16 A, AC 250 V, DIN 49441

Splash-proof plug.
Large version, with bend protection sleeve.

IP 44

Version	Art. no.	PU	PG	Info
polar white	**125462**	15/90	3.1	
grey	**125463**	15/120	3.1	



PVC SCHUKO plug (DE, FR, BE)

16 A, AC 250 V, DIN 49441, CEE 7 Standard Sheet 7

With German and French/Belgian earthing contact.
Splash-proof.
Large design, with bend protection sleeve.

IP 44

Version	Art. no.	PU	PG	Info
grey	**123463**	15/90	3.1	



PVC SCHUKO connector

16 A, AC 250 V, DIN 49440

Large version, with bend protection sleeve.

Version	Art. no.	PU	PG	Info
polar white	**173762**	10/60	3.1	
grey	**173763**	10/60	3.1	



Mobile garden socket-outlet without incoming cable

16 A, AC 250 V, DIN 49440

Splash-proof SCHUKO double socket-outlet.
An ideal current distributor for garden parties, for mowing the lawn and so on.
Stable, weather-resistant plastic bracket.
With screw terminals.

Version	Art. no.	PU	PG	Info
black/grey	**599893**	1/3	3.1	



Mobile garden socket-outlet with 5 m incoming cable

16 A, AC 250 V, DIN 49440

Splash-proof SCHUKO double socket-outlet.
An ideal power distribution system for garden parties, cutting the lawn etc. With 5 m incoming cable 3x1 mm² H 05 RN-F and integral rubber SCHUKO plug. Stable, weather-resistant plastic bracket.
With screw terminals.

Version	Art. no.	PU	PG	Info
black/grey	**599894**	1/3	3.1	

PERILEX plugs and connectors

- For many applications there is no time limit on the use of PERILEX.
- Blocks of flats, business premises, hotels, laboratories, large kitchens and similar plants can even today still be safely installed to modern standards using PERILEX.
- Splash-proof, similar to IP 44.



PERILEX plug

16 A, AC 400 V, DIN 49446

Version	Art. no.	PU	PG	Info
white	**134027**	10/80	5	



PERILEX connector

16 A, AC 400 V, DIN 49445

Version	Art. no.	PU	PG	Info
white	**183027**	10/60	5	



PERILEX angled plug

16 A, AC 400 V, DIN 49446

Version	Art. no.	PU	PG	Info
white	**130027**	10/60	5	



PERILEX socket-outlet, flush-mounted

16 A, AC 400 V, DIN 49445

With retaining ring.
For integration into a size 70 mounting box.

Version	Art. no.	PU	PG	Info
white	**250427**	10/30	5	



PERILEX socket-outlet, flush-mounted

16 A, AC 400 V, DIN 49445

Version	Art. no.	PU	PG	Info
white	**255027**	10/50	5	



All-rubber PERILEX plug

16 A, AC 400 V, DIN 49446

Splash-proof. With membrane seal. Robust plug with rubber lip. Corrosion-resistant and shatter-proof.

IP 44

Version	Art. no.	PU	PG	Info
black	**134251**	10/30	5	



All-rubber PERILEX connector

16 A, AC 400 V, DIN 49445

Robust connector.
Corrosion-resistant and shatter-proof.
With membrane seal.

Version	Art. no.	PU	PG	Info
black	**183251**	10/30	5	



PVC PERILEX plug

16 A, AC 400 V, DIN 49446

Shatter-proof contact bracket insert made from high-quality, electric insulation material. With membrane seal.

Version	Art. no.	PU	PG	Info
grey	**134163**	10/30	5	



PVC PERILEX connector

16 A, AC 400 V, DIN 49445

Shatter-proof contact bracket insert made from high-quality, electric insulation material.
With membrane seal.

Version	Art. no.	PU	PG	Info
grey	**183163**	10/30	5	



PERILEX socket-outlet, flush-mounted, with hinged lid

16 A, AC 400 V, DIN 49445

Splash-proof.
With shatter-proof hinged lid.

Contents: With mounting box for large plaster adjustment.

Version	Art. no.	PU	PG	Info
white	**253227**	10/30	5	



PERILEX socket-outlet, surface-mounted, with hinged lid

16 A, AC 400 V, DIN 49445

Splash-proof.
With shatter-proof hinged lid.

Version	Art. no.	PU	PG	Info
grey	**258329**	10/30	5	



Slide with gland

For cables and leads.

To be completed with: PERILEX socket-outlet, surface-mounted, with hinged lid, art. no. 258329.

Version	Art. no.	PU	PG	Info
grey	**258309**	10/300	5	



Slide without gland

For cables and leads.

To be completed with: PERILEX socket-outlet, surface-mounted, with hinged lid, art. no. 258329.

Version	Art. no.	PU	PG	Info
grey	**258311**	10/400	5	



PERILEX angled plug, 25 A

25 A, AC 400 V, DIN 49448

Made from pressed material.

Version	Art. no.	PU	PG	Info
white	**130527**	10/20	5	



PERILEX socket-outlet, flush-mounted, 25 A

25 A, AC 400 V, DIN 49447

With retaining ring.

Accessories: Insulating mounting box, art. no. 528304.

Version	Art. no.	PU	PG	Info
white	**250327**	1/20	5	



Insulating mounting box

To be completed with: PERILEX socket-outlet, flush-mounted, 25 A, art. no. 250327.

Version	Art. no.	PU	PG	Info
black	**528304**	1/30	5	

HNA plugs and connectors

- The HNA plugs and connectors are indispensable in special circuits to differentiate between normal circuits.
- HNA plugs and connectors have proved particularly suitable for powering EDP systems via a special circuit.



HNA plug

10 A, 250 V, C 220 DIN 89321

Version	Art. no.	PU	PG	Info
grey	**105129**	10/80	7	



HNA angled plug

10 A, 250 V, C 220 DIN 89321

Splash-proof, comparable to IP 44

Version	Art. no.	PU	PG	Info
white	**105327**	10/100	7	



HNA socket-outlet insert

10 A, 250 V, B 220 DIN 89321

For System Basis.
For socket-outlets where it is essential that they are not interchanged.

Adapters: Can be integrated into System Design using the adapter, art. no. 5180.., and into the OCTOCOLOR range using the adapter, 5170... Can be installed in damp rooms or outdoors using the protective cover with gasket, art. no. 5172...

Version	Art. no.	PU	PG	Info
white	**204074**	10/40	7	
polar white	**204019**	10/40	7	



HNA socket-outlet insert

10 A, 250 V, B 220 DIN 89321

For System M.
For socket-outlets where it is essential that they are not interchanged.

Version	Art. no.	PU	PG	Info
Thermoplastic brilliant				
white, glossy	**204944**	10/40	7	
polar white, glossy	**204919**	10/40	7	
active white, glossy	**204925**	10/40	7	
Thermoplastic classy matt				
white	**204144**	10/40	7	
polar white	**204119**	10/40	7	

Duroplastic, highly scratch-resistant: With this article, use thermoplastic brilliant

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HNA socket-outlet, surface-mounted

10 A, 250 V~, A 220 DIN 89321

For socket-outlets where it is essential that they are not interchanged.

Contents: With cable and mini-trunking entry (15 mm).

Version	Art. no.	PU	PG	Info
white	**205444**	10/70	7	



HNA socket-outlet, surface-mounted

10 A, 250 V~, A 220 DIN 89321

Splash-proof.
For socket-outlets where it is essential that they are not interchanged.

Version	Art. no.	PU	PG	Info
grey	**208429**	10/50	7	

Art. no.	PU	PG	Page
105129	10/80	7	418
105327	10/100	7	418
120915	25/150	3.1	415
120927	25/200	3.1	415
120963	20/120	3.1	415
122051	10/80	4	411
122151	10/80	4	412
122415	30/180	3.1	414
122427	30/240	3.1	414
122463	30/180	3.1	414
123251	10/60	4	413
123363	30/180	3.1	414
123463	15/90	3.1	415
123551	10/80	4	410
125462	15/90	3.1	415
125463	15/120	3.1	415
128427	15/90	3	415
128474	15/90	3	415
128527	15/90	3	415
128574	15/90	3	415
130027	10/60	5	417
130527	10/20	5	418
134027	10/80	5	417
134163	10/30	5	417
134251	10/30	5	417
172415	15/90	3.1	415
172427	15/120	3.1	415
172463	15/90	3.1	415
172951	10/80	4	411
172991	10/80	4	411
172993	10/40	4	411
173051	10/60	4	410
173091	10/60	4	410
173092	10/40	4	410
173097	10/120	4	411, 412
173762	10/60	3.1	415
173763	10/60	3.1	415
174051	10/80	4	412
174091	10/80	4	412
174151	10/40	4	412
174196	10/120	4	411, 412
174197	10/120	4	413
178851	1/12	4	413
178891	1/150	4	413
178899	1/5	4	413
179851	1/21	4	413
179891	1/150	4	413
183027	10/60	5	417
183163	10/30	5	417
183251	10/30	5	417
200474	10/40	1	45
200519	10/50	1	86
200525	10/50	1	86
200674	10/40	1	45
200719	10/50	1	86
200725	10/50	1	86
200819	10/50	1	86
200825	10/50	1	86
200919	10/40	1	86
200925	10/40	1	86
201019	10/50	1	86
201119	10/50	1	86
201219	10/50	1	86
201474	6/48	1	45
201674	6/48	1	45
201719	10/50	1	155
201819	10/50	1	155
201919	10/50	1	154
202053	2/60	1.4	155
202119	10/50	1	154
202229	10/40	1	154
202314	2/60	1.1	85
202319	2/60	1	85
202360	2/60	1.1	85
202419	2/60	1	155
202444	2/60	1	155
202446	2/60	1.2	155
202519	2/60	1	45
202574	2/60	1	45

Art. no.	PU	PG	Page
202674	2/60	1	67
202774	2/60	1	67
203019	10/50	1	211
203119	10/50	1	211
203219	10/50	1	211
203319	10/50	1	86
203325	10/50	1	86
203719	10/50	1	86
203819	10/50	1	86
203919	2/60	1	85
203925	2/60	1	85
204019	10/40	7	45, 418
204074	10/40	7	45, 418
204119	10/40	7	85, 418
204144	10/40	7	85, 418
204519	10/50	1	155
204619	10/50	1	155
204919	10/40	7	85, 418
204925	10/40	7	85, 418
204944	10/40	7	85, 418
205019	10/50	1	211
205119	10/50	1	212
205219	10/40	1	87
205260	10/40	1.1	87
205319	10/40	1	155
205419	10/70	7	257
205444	10/70	7	257, 419
205519	10/40	1	87
205525	10/40	1	87
205619	10/40	1.2	212
206114	20/100	1.1	85
206119	20/100	1	85
206160	20/100	1.1	85
206219	20/100	1	85
206225	20/100	1	85
208429	10/50	7	419
210018	10/40	1	71
210024	10/40	1	71
210084	10/40	1	66
211118	5/30	1	72
211124	5/30	1	72
211194	5/30	1	66
211199	5/30	1	66
211419	5/30	1	195
211446	5/30	1.1	195
211460	5/30	1.1	195
211514	5/30	1.1	145
211519	5/30	1	137, 145
211560	5/30	1.1	145
211614	5/30	1.1	139
211619	5/30	1	139
211660	5/30	1.1	139
212018	10/40	1	72
212024	10/40	1	72
212049	10/40	1	66
212084	10/40	1	66
212119	5/30	1	194
212129	5/30	1.2	194
212144	5/30	1	194
212146	5/30	1.2	194
212160	5/30	1.2	194
212169	5/30	1.2	194
212178	5/30	1.2	194
212182	5/30	1.2	194
212188	5/30	1.2	194
213300	1/13	8	87, 156
213419	2/96	8	156
213444	2/96	8	156
213446	2/96	8	156
213460	2/96	8	156
213514	2/96	8	87
213519	2/96	8	87
213544	2/96	8	87
213560	2/96	8	87
213619	2/96	8	87
213625	2/96	8	87
213644	2/96	8	87
214049	10/40	1	45
214084	10/40	1	45

Art. no.	PU	PG	Page
214219	10/50	1	85
214225	10/50	1	85
214244	10/50	1	85
214349	10/50	1	211
214355	10/50	1.2	211
214356	10/50	1.2	211
214384	10/50	1	211
214414	10/50	1.1	85
214419	10/50	1	85
214444	10/50	1	85
214460	10/50	1.1	85
214515	10/50	1.2	154
214519	10/50	1	154
214529	10/50	1.2	154
214543	10/40	1.4	154
214546	10/40	1.2	154
214560	10/50	1.2	154
214569	10/50	1.2	154
214578	10/50	1.2	154
214582	10/50	1.2	154
214588	10/50	1.2	154
214594	10/40	1	154
214599	10/40	1	154
214619	5/30	1	137, 145
214625	5/30	1	137, 145
215039	10/70	1	257
215054	10/70	1	257
216139	5/35	1.5	257
216154	5/35	1.5	257
223419	10/100	1	82
223425	10/100	1	82
223444	10/100	1	82
225251	10/70	4	413
227114	10/50	1.1	82
227119	10/100	1	82
227144	10/100	1	82
227160	10/50	1.1	82
227239	5/30	2	246
227875	1/20	2	250
229275	1/20	2	249
229286	1/20	2	249
229375	2/8	2	250
229377	2/8	2	253
229393	2/8	2	250
229395	1/4	2	250
229399	2/96	2	251
230119	10/40	1	135
230144	10/40	1	135
230205	10/40	1.2	210
230219	10/50	1	210
230242	10/40	1.2	210
230244	10/50	1	210
230418	10/40	1	70
230419	10/40	1	65
230424	10/40	1	70
230474	10/40	1	65
230519	10/40	1	135
230544	10/40	1	135
230660	10/50	1.7	198
230719	4/32	1	136
230744	4/32	1	136
230819	10/50	1	152
230844	10/50	1	152
230846	10/40	1.2	152
230860	10/50	1.2	152
231018	5/30	1	71
231024	5/60	1	71
231094	5/60	1	65
231099	5/30	1	65
231114	5/30	1.1	136
231119	5/30	1	136
231144	5/30	1	136
231160	5/30	1.1	136
231218	5/30	1	71, 414
231224	5/30	1	71, 414
231319	2/30	1	135
231344	2/30	1	135
231418	2/30	1	71
231424	2/30	1	71

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Art. no.	PU	PG	Page
231519	2/30	1	194
231544	2/30	1	194
231719	4/32	1	136
231744	4/32	1	136
231819	4/24	1	66
232019	5/30	1	66
232115	5/30	1.2	194
232119	5/30	1	194
232129	5/30	1.2	194
232144	5/30	1	194
232146	5/30	1.2	194
232160	5/30	1.2	194
232169	5/30	1.2	194
232178	5/30	1.2	194
232182	5/30	1.2	194
232188	5/30	1.2	194
232205	10/40	1.2	210
232219	10/50	1	210
232242	10/40	1.2	210
232244	10/50	1	210
232314	5/30	1.1	144
232319	5/30	1	136, 144
232360	5/30	1.1	144
232419	5/30	1	66
232444	5/30	1	66
232519	5/30	1	194
232546	5/30	1.1	194
232560	5/30	1.1	194
232814	1/24	8	83
232819	1/24	8	83
232844	1/24	8	83
232860	1/24	8	83
232990	1/70	1	65, 71
232999	1/24	8.1	65, 71
233014	10/40	2.1	232
233015	10/40	2.1	232
233019	10/40	2.1	232
233044	10/40	2.1	232
233060	10/40	2.1	232
233114	10/40	2.1	233
233119	10/40	2.1	233
233144	10/40	2.1	233
233160	10/40	2.1	233
233214	5/30	1.1	138
233219	5/30	1	138
233260	5/30	1.1	138
233314	10/20	2.1	233
233315	10/20	2.1	233
233319	10/20	2.1	233
233344	10/20	2.1	233
233360	10/20	2.1	233
233402	10/50	1	83
233404	10/50	1	83
233406	10/50	1	83
233419	10/100	1	81
233425	10/100	1	81
233444	10/100	1	81
233514	10/50	2.1	233
233515	10/50	2.1	233
233519	10/50	2.1	233
233544	10/50	2.1	233
233560	10/50	2.1	233
233619	2/30	1	135
233625	2/30	1	135
233644	2/30	1	135
233819	1/24	8	83
233825	1/24	8	83
233844	1/24	8	83
233905	10/40	1.2	210
233919	10/50	1	210
233942	10/40	1.2	210
233944	10/50	1	210
234002	10/50	1	210
234004	10/50	1	210
234005	10/50	1.2	209
234019	10/100	1	209
234042	10/100	1.2	209
234044	10/100	1	209
234105	10/40	1.2	209
234119	10/50	1	209
234142	10/40	1.2	209
234144	10/50	1	209
234219	10/40	1	44
234274	10/40	1	44
234319	10/40	1	44
234374	10/40	1	44
234402	10/50	1	44
234404	10/50	1	44
234406	10/50	1.1	44
234419	10/100	1	43
234449	10/50	1	43
234474	10/100	1	43
234484	10/50	1	43
234619	10/40	1	43
234674	10/40	1	43
235019	10/50	1	82
235025	10/50	1	82
235044	10/50	1	82
235119	10/100	1	81
235144	10/100	1	81
235214	10/20	2.1	233
235219	10/20	2.1	233
235244	10/20	2.1	233
235260	10/20	2.1	233
235314	1/15	2.1	233
235319	1/15	2.1	233
235344	1/15	2.1	233
235360	1/15	2.1	233
235419	10/40	1	82
235444	10/40	1	82
235539	10/1000	2	247
235819	3/21	1.5	66
236017	5/35	1.5	256
236019	5/35	1.5	256
236044	5/35	1.5	256
236114	10/50	1.1	83
236119	10/50	1	83
236144	10/50	1	83
236160	10/50	1.1	83
236219	10/50	1	83
236225	10/50	1	83
236244	10/50	1	83
236614	1/50	2.1	89
236619	1/50	2.1	89
236644	1/50	2.1	89
236660	1/50	2.1	89
237019	1/50	2.1	157
237046	1/50	2.1	157
237060	1/50	2.1	157
237094	1/50	2.1	157
237102	10/50	1	83
237104	10/50	1	83
237106	10/50	1	83
237114	10/50	1.1	81
237119	10/100	1	81
237144	10/100	1	81
237160	10/50	1.1	81
237215	10/50	1.2	152
237219	10/50	1	152
237229	10/50	1.2	152
237243	10/40	1.4	152
237246	10/40	1.2	152
237260	10/50	1.2	152
237269	10/50	1.2	152
237278	10/50	1.2	152
237282	10/50	1.2	152
237288	10/50	1.2	152
237294	10/40	1	152
237299	10/40	1	152
237314	10/50	1.1	82
237319	10/50	1	82
237344	10/50	1	82
237360	10/50	1.1	82
237414	10/50	1.1	82
237419	10/50	1	82
237444	10/50	1	82
237460	10/50	1.1	82
237502	10/50	1	153
237504	10/50	1	153
237506	10/50	1.2	153
237515	10/50	1.2	151
237519	10/100	1	151
237529	10/50	1.2	151
237543	10/40	1.4	151
237546	10/40	1.2	151
237560	10/50	1.2	151
237569	10/50	1.2	151
237578	10/50	1.2	151
237582	10/50	1.2	151
237588	10/50	1.2	151
237594	10/100	1	151
237599	10/100	1	151
237614	10/50	1.1	82
237619	10/50	1	82
237644	10/50	1	82
237660	10/50	1.1	82
237715	10/50	1.2	152
237719	10/50	1	152
237729	10/50	1.2	152
237743	10/40	1.4	152
237744	10/50	1	152
237746	10/40	1.2	152
237760	10/50	1.2	152
237769	10/50	1.2	152
237778	10/50	1.2	152
237782	10/50	1.2	152
237788	10/50	1.2	152
237806	10/50	1.2	153
237815	10/50	1.2	153
237819	10/50	1	153
237829	10/50	1.2	153
237843	10/40	1.4	153
237846	10/40	1.2	153
237860	10/50	1.2	153
237869	10/50	1.2	153
237878	10/50	1.2	153
237882	10/50	1.2	153
237888	10/50	1.2	153
237894	10/50	1	153
237915	10/50	1.2	152
237919	10/50	1	152
237929	10/50	1.2	152
237943	10/40	1.4	152
237946	10/40	1.2	152
237960	10/50	1.2	152
237969	10/50	1.2	152
237978	10/50	1.2	152
237982	10/50	1.2	152
237988	10/50	1.2	152
237994	10/40	1	152
237999	10/40	1	152
238039	10/60	2	246
238104	1/30	2	246
238105	1/18	2	246
238139	1/30	2	246
238219	10/50	1	82
238225	10/50	1	82
238244	10/50	1	82
238319	10/50	1	82
238325	10/50	1	82
238344	10/50	1	82
238419	1/50	2.1	89
238425	1/50	2.1	89
238444	1/50	2.1	89
238519	10/40	1	44
239039	5/30	2	246
239139	5/30	2	246
239219	10/40	1	135
239225	10/40	1	135
239244	10/40	1	135
239319	5/30	1	136
239325	5/30	1	136
239344	5/30	1	136
239419	5/30	1	136, 144
239425	5/30	1	136, 144
239739	1/14	2	246
241119	10/50	1	87

Art. no.	PU	PG	Page
250327	1/20	5	418
250427	10/30	5	417
253227	10/30	5	417
255027	10/50	5	417
258309	10/300	5	418
258311	10/400	5	418
258329	10/30	5	418
270119	10/40	1	135
270144	10/40	1	135
270319	10/40	1	135
270344	10/40	1	135
270418	10/40	1	70
270419	10/40	1	65
270424	10/40	1	70
270474	10/40	1	65
270619	10/50	1	152
270644	10/50	1	152
270646	10/40	1.2	152
270660	10/50	1.2	152
270719	5/15	1	414
270727	5/15	1	414
270840	1/30	1.6	239
270940	1/30	1.6	239
271327	5/20	1.5	414
272068	2/36	1	63
272419	10/50	1	153
272444	10/50	1	153
272518	10/40	1	71
272524	10/40	1	71
272574	10/40	1	65
272619	10/50	1	210
272644	10/50	1	210
273419	10/50	1	82
273425	10/50	1	82
273444	10/50	1	82
273519	1/50	1	44
273574	1/50	1	44
273605	1/50	1.2	210
273619	1/50	1	210
273642	1/50	1.2	210
273644	1/50	1	210
273702	10/40	1	44
273704	10/40	1	44
273724	10/40	1	44
274419	10/50	1	43
274464	10/50	1	62
274468	10/50	1	62
274474	10/50	1	43
275017	10/70	1.5	256
275019	10/70	1.5	256
275044	10/70	1.5	256
275219	10/50	1	82
275244	10/50	1	82
275319	10/40	1	82
275344	10/40	1	82
276119	10/40	1	82
276125	10/40	1	82
276144	10/40	1	82
276217	10/20	1.5	256
276219	10/20	1.5	256
276244	10/20	1.5	256
276254	10/20	1	257
276619	1/50	8	83
276625	1/50	8	83
276644	1/50	8	83
276719	1/50	8	153
276744	1/50	8	153
276746	1/50	8	153
276760	1/50	8	153
276814	1/50	8	83
276819	1/50	8	83
276844	1/50	8	83
276860	1/50	8	83
276902	10/40	1.1	82
276904	10/40	1.1	82
276919	10/40	1	82
276944	10/40	1	82
277114	10/50	1.1	82
277119	10/50	1	82
277144	10/50	1	82
277160	10/50	1.1	82
277519	10/50	1	151
277560	10/50	1.2	151
277594	10/50	1	151
277719	10/50	1	152
277746	10/40	1.2	152
278219	10/30	1	136
278244	10/30	1	136
278319	10/30	1	136
278344	10/30	1	136
279075	1/30	2	249
279077	1/30	2	253
279091	1/30	2	249
279175	1/30	2	249
279219	10/40	1	135
279225	10/40	1	135
279244	10/40	1	135
280838	1/30	1.6	239
284219	10/50	1	84
284225	10/50	1	84
284244	10/50	1	84
284314	10/50	1.1	84
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290025	1/60	1	114
290119	5/150	1	119
290125	5/150	1	119
290144	5/150	1	119
290219	10/40	1	113
290319	10/50	1	108
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291019	5/150	1	113
291025	5/150	1	113
291044	5/150	1	113
291114	5/150	1.1	115, 119
291119	5/150	1	115, 119
291160	5/150	1.1	115, 119
291214	5/150	1.1	115, 119
291219	5/150	1	115, 119
291260	5/150	1.1	115, 119
291319	10/180	1	181
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291519	5/150	1	115, 119
291525	5/150	1	115, 119
291619	5/150	1	115, 119
291625	5/150	1	115, 119
291719	10/120	1	55, 57
291774	10/120	1	55, 57
291819	10/120	1	181, 183
291844	10/120	1	181, 183
291846	10/120	1.1	181, 183
291860	10/120	1.1	181, 183
291919	5/150	1	56, 58
292005	10/120	1.2	223, 224
292019	10/120	1	223, 224
292042	10/120	1.2	223, 224
292044	10/120	1	223, 224
292105	5/60	1.2	223
292119	5/60	1	223
292142	5/60	1.2	223
292144	5/60	1	223
292219	5/150	1	56, 58
292349	10/180	1	223
292355	10/180	1	223
292356	10/180	1	223
292384	10/180	1	223
292419	5/150	1	54
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292519	1/150	1	223
292544	1/150	1	223
292615	10/120	1.2	182, 184
292619	10/120	1	182, 184
292629	10/120	1.2	182, 184
292643	10/120	1.4	182, 184
292644	10/120	1	182, 184
292646	10/120	1.2	182, 184
292660	10/120	1.2	182, 184
292669	10/120	1.2	182, 184
292678	10/120	1.2	182, 184
292682	10/120	1.2	182, 184
292688	10/120	1.2	182, 184
292719	10/120	1	55, 58
292774	10/120	1	55, 58
292819	5/150	1	53, 57
292874	5/150	1	53, 57
292919	5/150	1	58
292974	5/150	1	58
293046	5/150	1.2	179
293060	5/150	1.2	179
293074	5/150	1	53, 179
293098	5/150	1	53, 179
293146	10/40	1	181
293153	1/60	1.4	181
293160	10/40	1	181
293174	10/40	1	54
293198	10/40	1	54
293249	5/150	1	54
293284	5/150	1	54
293419	1/60	1	54
293469	1/60	1.1	54
293705	5/200	1.2	221
293719	5/200	1	221
293742	5/200	1.2	221
293744	5/200	1	221

www.merten.com

Art. no.	PU	PG	Page
293805	1/150	1.2	222, 224
293819	1/150	1	222, 224
293842	1/150	1.2	222, 224
293844	1/150	1	222, 224
294115	5/250	1.2	186
294119	5/250	1	186
294129	5/250	1.2	186
294143	5/250	1.4	186
294144	5/250	1	186
294146	5/250	1.2	186
294160	5/250	1.2	186
294169	5/250	1.2	186
294178	5/250	1.2	186
294182	5/250	1.2	186
294188	5/250	1.2	186
294214	10/240	1.1	121
294219	10/240	1	121
294244	10/240	1	121
294260	10/240	1.1	121
294305	5/250	1.2	226
294319	5/250	1	226
294342	5/250	1.2	226
294344	5/250	1	226
294640	1/100	1.6	240
294819	5/150	1	60
294874	5/150	1	60
294919	10/40	1	59
294974	10/40	1	59
294994	10/40	1	50
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295205	10/50	1.2	225
295219	10/50	1	225
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295244	10/50	1	225
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295319	10/240	1	121
295344	10/240	1	121
295360	10/240	1.1	121
295514	5/90	1.1	112
295519	5/90	1	112
295544	5/90	1	112
295560	5/90	1.1	112
295614	1/50	1.1	109
295619	1/50	1	109
295644	1/50	1	109
295660	1/50	1.1	109
295714	5/150	1.1	119
295719	5/150	1	119
295744	5/150	1	119
295760	5/150	1.1	119
295919	10/50	1	120
295944	10/50	1	120
296019	5/150	1	112, 117
296025	5/150	1	112, 117
296044	5/150	1	112, 117
296119	10/120	1	114, 118
296125	10/120	1	114, 118
296144	10/120	1	114, 118
296219	10/120	1	114, 117
296225	10/120	1	114, 117
296244	10/120	1	114, 117
296319	1/50	1	109
296325	1/50	1	109
296344	1/50	1	109
296419	10/50	1	108
296444	10/50	1	108
296519	10/240	1	121
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296619	10/240	1	121
296625	10/240	1	121
296644	10/240	1	121
296719	5/250	1	121
296725	5/250	1	121
296744	5/250	1	121
296819	5/90	1	112
296825	5/90	1	112

Art. no.	PU	PG	Page
296844	5/90	1	112
296919	10/50	1	120
296925	10/50	1	120
296944	10/50	1	120
297019	10/40	1	45
297074	10/40	1	45
297190	10/500	1	39, 46
297219	10/50	1	212
297244	10/50	1	212
297319	10/50	1	155
297344	10/50	1	155
297346	10/40	1.2	155
297360	10/50	1.2	155
297414	10/50	1.1	120
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297646	10/40	1.2	185
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297678	10/50	1.2	185
297682	10/50	1.2	185
297688	10/50	1.2	185
297719	10/50	1	175
297743	10/40	1.4	175
297744	10/50	1	175
297746	10/40	1.2	175
297760	10/50	1.2	175
297815	1/150	1.2	180, 183
297819	1/150	1	180, 183
297829	1/150	1.2	180, 183
297843	1/150	1.4	180, 183
297844	1/150	1	180, 183
297846	1/150	1.2	180, 183
297860	1/150	1.2	180, 183
297869	1/150	1.2	180, 183
297878	1/150	1.2	180, 183
297882	1/150	1.2	180, 183
297888	1/150	1.2	180, 183
297914	5/150	1.1	112, 117
297919	5/150	1	112, 117
297944	5/150	1	112, 117
297960	5/150	1.1	112, 117
298014	10/120	1.1	114, 118
298019	10/120	1	114, 118
298044	10/120	1	114, 118
298060	10/120	1.1	114, 118
298129	1/50	1.2	175
298146	1/50	1.2	175
298160	1/50	1.2	175
298194	1/50	1	50, 175
298199	1/50	1	50, 175
298219	10/50	1	85
298244	10/50	1	85
298314	10/120	1.1	114, 117
298319	10/120	1	114, 117
298344	10/120	1	114, 117
298360	10/120	1.1	114, 117
300217	10/70	1.5	254
300219	10/70	1.5	254
300239	10/70	1	254
300244	10/70	1.5	254
300254	10/70	1	254
300517	10/70	1.5	254
300519	10/70	1.5	254
300539	10/70	1	254
300544	10/70	1.5	254
300554	10/70	1	254
300617	10/70	1.5	254
300619	10/70	1.5	254

Art. no.	PU	PG	Page
300639	10/70	1	254
300644	10/70	1.5	254
300654	10/70	1	254
300717	10/70	1.5	254
300719	10/70	1.5	254
300739	10/70	1	254
300744	10/70	1.5	254
300754	10/70	1	254
302217	10/70	1.5	254
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302619	10/70	1.5	254
302639	10/70	1	254
302644	10/70	1.5	254
302654	10/70	1	254
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306639	10/70	1	255
306644	10/70	1.5	255
306654	10/70	1	255
306844	4/32	1	255
307001	60/300	1	45, 86
308019	10/70	1.5	256
308044	10/70	1.5	256
310119	10/400	1	42
310174	10/400	1	42
310219	5/225	1	42
310274	5/225	1	42
310319	5/120	1	42
310374	5/120	1	42
310419	10/240	1	42
310519	5/225	1	42
310574	10/400	1	42
310696	1/6	1.1	42, 64
310719	10/240	1	42
310819	10/240	1	42
310874	10/400	1	42
310894	5/225	1	42
310899	5/225	1	42
311200	10/50	1	20
311201	10/50	1	20
311300	10/50	1	20
311500	10/100	1	20
311501	10/50	1	21
311502	10/50	1	22
311600	10/100	1	20
311601	10/50	1	20
311700	10/50	1	20
311819	5/225	1	43
311834	5/225	1	43
311839	5/225	1	43
311874	5/225	1	43
313640	1/30	1.6	238
313740	1/30	1.6	238
314040	1/30	1.6	238
315000	10/100	1	20, 312
315119	1/100	1	47
315174	1/100	1	47
315319	1/100	1	159
315344	1/100	1	159
315346	1/100	1.1	159
315360	1/100	1.1	159
315414	1/100	1.1	92
315419	1/100	1	92
315444	1/100	1	92
315460	1/100	1.1	92
315500	10/50	1	22
315519	5/225	1	47
315574	5/225	1	47
315619	1/100	1	92
315625	1/100	1	92
315644	1/100	1	92
315800	10/50	1	20

Art. no.	PU	PG	Page
315900	10/50	1	20, 312
315901	10/50	1	20, 312
315902	10/50	1	20
315903	10/50	1	20
316546	1/100	1	159
316624	10/40	1	70
316649	10/40	1	64
316674	10/40	1	64
316684	10/40	1	64
316874	10/40	1	64
316919	1/100	8	159
316943	1/100	8	159
316944	1/100	8	159
316946	1/100	8	159
316960	1/100	8	159
317005	1/100	1.2	215
317019	1/100	1	215
317042	1/100	1.2	215
317044	1/100	1	215
317100	1/40	1	21
317191	1/100	1	47
317192	1/100	1	47
317200	1/40	1	22
317234	1/100	1	48
317239	1/100	1	48
317319	1/100	8	214
317344	1/100	8	214
317400	1/40	8	21
317418	1/100	8	47
317424	1/100	8	47
318114	1/60	8	91
318119	1/60	8	91
318144	1/60	8	91
318160	1/60	8	91
318240	1/21	1.6	239
318440	1/21	1.6	239
318501	1/50	8	22
318518	1/60	8	48, 161
318524	1/60	8	48, 161
318560	1/60	8	161
318601	1/50	8	21
318618	1/60	8	47, 159
318624	1/60	8	47, 159
318646	1/60	8	159
318660	1/60	8	159
318901	1/50	8	22
319011	1/250	1	38
319012	1/250	1	38
319013	1/250	1	38
319014	1/250	1	38
319016	10/50	1	37
319105	1/100	1.2	218
319119	1/100	1	218
319142	1/100	1.2	218
319144	1/100	1	218
319215	1/100	1.2	161
319219	1/100	1	161
319229	1/100	1.2	161
319243	1/100	1.4	161
319246	1/100	1.2	161
319260	1/100	1.2	161
319269	1/100	1.2	161
319278	1/100	1.2	161
319282	1/100	1.2	161
319288	1/100	1.2	161
319294	1/100	1	161
319299	1/100	1	161
319314	1/60	8	94
319319	1/60	8	94
319344	1/60	8	94
319360	1/60	8	94
319419	1/60	8	94
319425	1/60	8	94
319444	1/60	8	94
319519	1/60	8	91
319525	1/60	8	91
319544	1/60	8	91
322640	1/30	1.6	238
325200	10/50	1	20
325224	10/40	1	70
325274	10/40	1	64
325324	10/40	1	70
325374	10/40	1	64
325600	10/100	1	20
325624	10/40	1	70
325674	10/40	1	64
330119	5/225	1	43
330174	5/225	1	43
330500	10/50	1	21
330519	5/225	1	43
330574	5/225	1	43
330600	10/50	1	21
330700	10/50	1	21
330819	5/225	1	43
330874	5/225	1	43
331505	5/120	1.2	214
331519	5/120	1	214
331542	5/120	1.2	214
331544	5/120	1	214
331805	5/120	1.2	209
331819	10/120	1	209
331842	5/120	1.2	209
331844	10/120	1	209
331892	5/120	1.2	209
331894	10/120	1	209
331895	5/120	1.2	209
331899	10/120	1	209
332105	5/120	1.2	208
332119	10/260	1	208
332142	5/120	1.2	208
332144	10/120	1	208
332200	10/50	1	21
332205	5/120	1.2	208
332219	10/120	1	208
332242	5/120	1.2	208
332244	10/120	1	208
332305	5/120	1.2	208
332319	5/120	1	208
332342	5/120	1.2	208
332344	5/120	1	208
332505	5/120	1.2	208
332519	10/120	1	208
332542	5/120	1.2	208
332544	10/120	1	208
332600	10/50	1	21
332805	5/120	1.2	208
332819	10/120	1	208
332842	5/120	1.2	208
332844	10/120	1	208
333105	5/120	1.2	208
333119	10/120	1	208
333142	5/120	1.2	208
333144	10/120	1	208
333505	5/120	1.2	209
333519	10/120	1	209
333542	5/120	1.2	209
333544	10/120	1	209
333805	5/120	1.2	209
333819	10/120	1	209
333842	5/120	1.2	209
333844	10/120	1	209
334605	1/60	8	214
334619	1/60	8	214
334642	1/60	8	214
334644	1/60	8	214
334905	1/60	8	215
334919	1/60	8	215
334942	1/60	8	215
334944	1/60	8	215
336619	10/50	1	213
336644	10/50	1	213
340239	10/40	2	244
340339	10/40	2	244
340394	10/40	2	245
340539	10/40	2	244
340639	10/60	2	244
340739	10/40	2	244
341539	10/40	2	245
342239	10/40	2	244
342294	10/40	2	245
342639	10/40	2	244
342694	10/40	2	245
343019	5/120	2.1	232
343044	5/120	2.1	232
343114	5/120	2.1	232
343115	5/120	2.1	232
343119	5/120	2.1	232
343144	5/120	2.1	232
343160	5/120	2.1	232
343414	5/120	2.1	233
343415	5/120	2.1	233
343419	5/120	2.1	233
343444	5/120	2.1	233
343460	5/120	2.1	233
343514	5/120	2.1	232
343515	5/120	2.1	232
343519	5/120	2.1	232
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343815	5/120	2.1	232
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343915	5/120	2.1	232
343919	5/120	2.1	232
343944	5/120	2.1	232
343960	5/120	2.1	232
344039	10/40	2	244
344839	10/40	2	244
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345539	10/40	2	245
346629	5/30	2	245
347639	1/24	8	245
347939	1/24	8	245
348039	1/30	2	247
348214	1/50	8	234
348215	1/50	8	234
348219	1/50	8	234
348244	1/50	8	234
348260	1/50	8	234
348314	5/120	2.1	235
348315	5/120	2.1	235
348319	5/120	2.1	235
348344	5/120	2.1	235
348360	5/120	2.1	235
370675	1/30	2	248
370677	1/30	2	252
370775	1/30	2	248
372275	1/30	2	248
372375	1/30	2	248
372675	1/30	2	248
372677	1/30	2	252
375975	1/30	2	248
375977	1/30	2	252
375997	1/30	2	248
375998	1/30	2	248
378075	1/30	2	250
380539	5/35	1	257
380554	5/35	1	257
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382619	5/20	1.5	257
382644	5/20	1.5	257
386539	5/35	1	258
386554	5/35	1	258
386639	5/35	1	258
386654	5/35	1	258
390199	1/600	1.6	241
391619	5/120	1	109
391625	5/120	1	109
391644	5/120	1	109

www.merten.com

Art. no.	PU	PG	Page
391719	5/120	1	109
391744	5/120	1	109
391814	5/120	1.1	109
391819	5/120	1	109
391844	5/120	1	109
391860	5/120	1.1	109
391915	1/100	1.2	176
391919	1/100	1	176
391929	1/100	1.2	176
391943	1/100	1.4	176
391946	1/100	1.2	176
391960	1/100	1.2	176
391969	1/100	1.2	176
391978	1/100	1.2	176
391982	1/100	1.2	176
391988	1/100	1.2	176
391994	1/100	1	176
391999	1/100	1	176
392019	5/120	1	51
392074	5/120	1	51
392203	5/120	1.1	51, 176
392274	5/120	1	51, 176
392298	5/120	1	51, 176
392340	1/100	1.6	240
392519	5/90	1	53, 180
392546	5/90	1.2	180
392560	5/90	1.2	180
392574	5/90	1	53, 180
392605	1/100	1.2	219
392619	1/100	1	219
392642	1/100	1.2	219
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392705	1/50	1.2	218
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392742	1/50	1.2	218
392744	1/50	1	218
392795	1/100	1.2	221
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392798	1/100	1	221
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393844	5/120	1	109
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393919	5/120	1	109
393944	5/120	1	109
393960	5/120	1.1	109
395019	1/100	1	190
395100	20/4080	1	37, 239
395119	10/180	1	62
395120	20/240	1	37, 238
395121	20/240	1	37, 238
395122	20/240	1	37, 238
395123	20/240	1	37, 238
395124	20/240	1	37, 238
395131	20/240	1	37, 238
395132	20/240	1	37, 238
395133	20/240	1	37, 238
395134	20/240	1	37, 238
395135	20/240	1	37, 238
395219	10/90	1	62
395319	10/60	1	62
395339	1/1000	2	247
395412	10/500	1	255
395444	10/2040	1	255
395500	100/4000	1	130, 189
395530	100/4000	1	61, 227
395539	1/1000	2	247
395568	100/4000	1	61, 227
395569	100/4000	1	130, 189
395600	100/4000	1	130, 189
395630	100/4000	1	61, 227
395639	1/1000	2	247
395668	100/4000	1	61, 227
395669	100/4000	1	130, 189
395700	100/4000	1	130, 189
395730	100/4000	1	61, 227
395739	1/1000	2	247
395768	100/4000	1	61, 227
395769	100/4000	1	130, 189
395800	100/4000	1	130, 189
395830	100/4000	1	61, 227
395839	1/1000	2	247
395868	100/4000	1	61, 227
395869	100/4000	1	130, 189
395900	100/4000	1	130, 189
395930	100/4000	1	61, 227
395939	1/1000	2	247
396376	5/1020	1	37, 244
396476	5/1000	8	37
396502	10/1000	1	37, 238
396512	1/150	1	37, 368
396576	10/1000	1	37, 238
396611	2/80	2	247, 251
396612	2/80	2	247, 251
396613	2/80	2	247, 251
396676	5/1020	2	247, 251
396772	5/300	2	244
396774	5/300	2	244
396776	10/1000	2	244
396876	5/300	2	245
397100	1/100	1	69
397118	10/220	1	68
397119	10/220	1	62
397124	10/220	1	68
397174	10/220	1	62
397184	5/150	1	63
397188	5/150	1	63
397198	10/180	1	68
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397218	10/120	1	68
397219	10/120	1	62
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397296	10/100	1	68
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397318	10/80	1	68
397319	10/80	1	62
397324	10/80	1	68
397374	10/130	1	62
397396	10/60	1	69
397397	10/60	1	69
397398	10/60	1	69
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397418	10/60	1	68
397419	10/60	1	62
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397474	10/60	1	62
397518	1/38	1	68
397519	1/38	1	62
397524	1/38	1	68
397574	1/38	1	62
397619	5/200	1	109
397625	5/200	1	109
397644	5/200	1	109
397715	5/200	1.2	175
397719	10/240	1	50, 175
397729	5/200	1.2	175
397746	5/200	1.2	175
397760	5/200	1.2	175
397769	5/200	1.2	175
397774	10/240	1	50, 175
397778	5/200	1.2	175
397782	5/200	1.2	175
397788	5/200	1.2	175
397819	5/200	1	109
397844	5/200	1	109
399105	2/180	1.2	228
399119	10/360	1	228
399142	2/270	1.2	228
399144	10/360	1	228
399205	2/100	1.2	228
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399244	10/240	1	228
399305	2/68	1.2	228
399319	10/80	1	228
399342	2/68	1.2	228
399344	10/80	1	228
399405	2/44	1.2	228
399419	2/44	1	228
399442	2/44	1.2	228
399444	2/44	1	228
399505	1/38	1.2	228
399519	1/38	1	228
399542	1/38	1.2	228
399544	1/38	1	228
399898	10/1000	1	130, 190
399911	10/300	1.2	229
399916	10/300	1.2	229
399919	10/300	1.2	229
399922	10/300	1.2	229
399939	10/600	1.2	229
399941	10/600	1.2	229
399944	10/300	1.2	229
399972	10/300	1.2	229
399979	10/300	1.2	229
400114	10/60	2.1	237
400115	10/60	2.1	237
400119	10/60	2.1	237
400144	10/60	2.1	237
400160	10/60	2.1	237
400214	8/32	2.1	237
400215	8/32	2.1	237
400219	8/32	2.1	237
400244	8/32	2.1	237
400260	8/32	2.1	237
400314	2/14	2.1	237
400315	2/14	2.1	237
400319	2/14	2.1	237
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400414	2/14	2.1	237
400419	2/14	2.1	237
400444	2/14	2.1	237
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401114	10/60	2.1	237
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401119	10/60	2.1	237
401144	10/60	2.1	237
401160	10/60	2.1	237
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401215	8/32	2.1	237
401219	8/32	2.1	237
401244	8/32	2.1	237
401260	8/32	2.1	237
401314	2/14	2.1	237
401315	2/14	2.1	237
401319	2/14	2.1	237
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401360	2/14	2.1	237
401414	2/14	2.1	237
401415	2/14	2.1	237
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401460	2/14	2.1	237
411515	5/120	1.2	160
411519	5/120	1	160
411529	5/120	1.2	160
411543	5/120	1.4	160
411546	5/120	1.2	160
411560	5/120	1.2	160
411569	5/120	1.2	160
411578	5/120	1.2	160
411582	5/120	1.2	160
411588	5/120	1.2	160
411594	5/120	1	160
411599	5/120	1	160
411815	5/120	1.2	151
411819	10/120	1	151

Art. no.	PU	PG	Page
411829	5/120	1.2	151
411843	5/120	1.4	151
411846	5/120	1.2	151
411860	5/120	1.2	151
411869	5/120	1.2	151
411878	5/120	1.2	151
411882	5/120	1.2	151
411888	5/120	1.2	151
411894	10/120	1	151
411899	10/120	1	151
412019	1/60	2.1	157
412046	1/60	2.1	157
412060	1/60	2.1	157
412094	1/60	2.1	157
412115	5/120	1.2	150
412119	10/120	1	150
412129	5/120	1.2	150
412143	5/120	1.4	150
412146	5/120	1.2	150
412160	5/120	1.2	150
412169	5/120	1.2	150
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412182	5/120	1.2	150
412188	5/120	1.2	150
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412588	5/120	1.2	150
412594	10/120	1	150
412599	10/120	1	150
412719	1/60	2.1	157
412746	1/60	2.1	157
412760	1/60	2.1	157
412794	1/60	2.1	157
413915	5/120	1.2	151
413919	5/120	1	151
413929	5/120	1.2	151
413946	5/120	1.2	151
413960	5/120	1.2	151
413969	5/120	1.2	151
413978	5/120	1.2	151
413982	5/120	1.2	151
413988	5/120	1.2	151
413994	5/120	1	151
413999	5/120	1	151
416619	10/50	1	158
416644	10/50	1	158

Art. no.	PU	PG	Page
431619	1/10	1	81
432019	1/60	2.1	88
432025	1/60	2.1	88
432044	1/60	2.1	88
432119	10/400	1	80
432125	10/400	1	80
432144	10/400	1	80
432219	5/225	1	80
432225	5/225	1	80
432244	5/225	1	80
432319	10/240	1	80
432325	10/240	1	80
432344	10/240	1	80
432419	5/225	1	93
432425	5/225	1	93
432444	5/225	1	93
432519	10/240	1	80
432525	10/240	1	80
432544	10/240	1	80
432619	5/225	1	123
432625	5/225	1	123
432644	5/225	1	123
432719	1/60	2.1	89
432725	1/60	2.1	89
432744	1/60	2.1	89
432819	10/240	1	80
432825	10/240	1	80
432844	10/240	1	80
432919	5/225	1	81
432925	5/225	1	81
432944	5/225	1	81
433014	1/60	2.1	88
433019	1/60	2.1	88
433044	1/60	2.1	88
433060	1/60	2.1	88
433114	5/225	1.1	80
433119	10/400	1	80
433144	10/400	1	80
433160	5/225	1.1	80
433214	5/225	1.1	80
433219	5/225	1	80
433244	5/225	1	80
433260	5/225	1.1	80
433314	5/225	1.1	80
433319	10/240	1	80
433344	10/240	1	80
433360	5/225	1.1	80
433514	5/225	1.1	80
433519	10/240	1	80
433544	10/240	1	80
433560	5/225	1.1	80
433619	1/6	1	81, 135
433714	1/60	2.1	89
433719	1/60	2.1	89
433744	1/60	2.1	89
433760	1/60	2.1	89
433814	5/225	1.1	80
433819	10/240	1	80
433844	10/240	1	80
433860	5/225	1.1	80
433919	5/225	1	81
433944	5/225	1	81
434119	10/400	1	80
434144	10/400	1	80
434219	5/120	1	80
434244	5/120	1	80
434319	10/240	1	80
434344	10/240	1	80
434419	5/120	1	93
434444	5/120	1	93
434519	10/240	1	80
434544	10/240	1	80
434819	10/240	1	80
434844	10/240	1	80
434919	5/120	1	81
434944	5/120	1	81
435514	5/225	1.1	93
435519	5/225	1	93
435544	5/225	1	93

Art. no.	PU	PG	Page
435560	5/225	1.1	93
435614	5/225	1.1	123
435619	5/225	8	123
435644	5/225	8	123
435660	5/225	8	123
436619	10/50	1	91
436644	10/50	1	91
436719	10/50	1	91
436725	10/50	1	91
436744	10/50	1	91
437119	1/100	1	92
437144	1/100	1	92
437319	1/100	8	91
437344	1/100	8	91
442519	10/120	1	187
442544	10/120	1	187
442619	10/120	1	187
442644	10/120	1	187
442719	10/120	1	187
442744	10/120	1	187
442819	10/120	1	187
442844	10/120	1	187
442919	10/120	1	188
442944	10/120	1	188
443019	10/120	1	188
443044	10/120	1	188
443119	10/120	1	188
443144	10/120	1	188
443219	10/120	1	188
443244	10/120	1	188
443319	10/120	1	188
443344	10/120	1	188
443419	10/120	1	188
443444	10/120	1	188
443519	10/120	1	188
443544	10/120	1	188
443619	10/120	1	188
443644	10/120	1	188
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443744	10/120	1	188
443819	10/120	1	188
443844	10/120	1	188
443919	10/120	1	189
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444019	10/120	1	189
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444119	10/120	1	189
444144	10/120	1	189
444219	10/120	1	189
444244	10/120	1	189
444319	10/120	1	189
444344	10/120	1	189
444419	10/120	1	189
444444	10/120	1	189
444519	10/120	1	189
444544	10/120	1	189
444619	10/120	1	189
444644	10/120	1	189
447319	5/225	1	126
447325	5/225	1	126
447419	5/225	1	126
447425	5/225	1	126
447519	5/225	1	127
447525	5/225	1	127
447619	5/225	1	127
447625	5/225	1	127
447719	5/225	1	127
447725	5/225	1	127
447819	5/225	1	127
447825	5/225	1	127
447919	5/225	1	127
447925	5/225	1	127
450019	5/150	1	127
450025	5/150	1	127
450119	5/150	1	127
450125	5/150	1	127
450219	5/150	1	127
450225	5/150	1	127
450319	5/150	1	128

www.merten.com

Art. no.	PU	PG	Page
450325	5/150	1	128
450419	5/150	1	128
450425	5/150	1	128
450519	5/150	1	128
450525	5/150	1	128
450619	5/150	1	128
450625	5/150	1	128
450719	5/150	1	128
450725	5/150	1	128
450819	5/150	1	128
450825	5/150	1	128
450919	5/150	1	128
450925	5/150	1	128
451019	5/150	1	128
451025	5/150	1	128
451119	5/150	1	129
451125	5/150	1	129
451219	5/150	1	129
451225	5/150	1	129
451319	5/150	1	129
451325	5/150	1	129
451419	5/150	1	129
451425	5/150	1	129
451519	5/150	1	129
451525	5/150	1	129
451619	5/150	1	129
451625	5/150	1	129
451719	5/150	1	129
451725	5/150	1	129
451819	5/150	1	129
451825	5/150	1	129
451919	5/150	1	130
451925	5/150	1	130
452019	5/150	1	130
452025	5/150	1	130
452119	5/150	1	130
452125	5/150	1	130
460019	10/180	1	56, 182
460046	10/180	1.2	182
460060	10/180	1.2	182
460074	10/180	1	56, 182
460119	5/150	1	56
460174	5/150	1	56
460219	5/150	1	56
460274	5/150	1	56
460319	5/150	1	56
460374	5/150	1	56
460419	5/150	1	56
460474	5/150	1	56
460519	10/40	1	57, 60
460574	10/40	1	57, 60
460619	10/180	1	115
460644	10/180	1	115
460719	5/150	1	57
460774	5/150	1	57
460819	5/150	1	61
460840	1/30	1.6	240
460874	5/150	1	61
460919	5/150	1	61
460974	5/150	1	61
461119	5/150	1	61
461174	5/150	1	61
461215	5/120	1.2	187
461219	5/120	1	61, 187
461229	5/120	1.2	187
461246	5/120	1.2	187
461260	5/120	1.2	187
461269	5/120	1.2	187
461274	5/120	1	61, 187
461278	5/120	1.2	187
461282	5/120	1.2	187
461288	5/120	1.2	187
461318	1/50	1	51
461324	1/50	1	51
461381	10/300	1	52
461385	10/300	1	52
461386	10/300	1	52
461387	5/150	1	52
461388	10/300	1	51
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461398	10/300	1	52
461399	10/300	1	52
461418	5/225	1	59
461424	5/225	1	59
461515	5/200	1.2	184
461518	5/200	1	59, 184
461524	5/200	1	59, 184
461529	5/200	1.2	184
461546	5/200	1.2	184
461560	5/200	1.2	184
461569	5/200	1.2	184
461578	5/200	1.2	184
461582	5/200	1.2	184
461588	5/200	1.2	184
461590	4/240	1	59, 119
461591	4/240	1	59, 119
461592	4/240	1	59, 119
461593	4/240	1	59, 119
461594	4/240	1	59, 119
461619	5/225	1	185
461644	5/225	1	185
461646	5/225	1.2	185
461660	5/225	1.2	185
461714	5/200	1.1	119
461719	5/200	1	119
461744	5/200	1	119
461760	5/200	1.1	119
461819	10/180	1	115
461825	10/180	1	115
461844	10/180	1	115
461919	5/200	1	119
461925	5/200	1	119
461944	5/200	1	119
462119	10/220	1	131
462144	10/220	1	131
462219	10/120	1	131
462244	10/120	1	131
462319	10/80	1	131
462344	10/80	1	131
462419	2/44	1	131
462444	2/44	1	131
462519	1/38	1	131
462544	1/38	1	131
463119	1/100	1	227
463144	1/100	1	227
463219	1/100	1	227
463244	1/100	1	227
463305	1/50	1.2	219
463319	1/50	1	219
463342	1/50	1.2	219
463344	1/50	1	219
463386	10/300	1	220
463387	5/150	1	220
463388	10/300	1	219
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463444	1/100	1	225
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463944	5/225	1	120
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464044	5/225	1	120
464115	10/240	1.2	187
464119	10/240	1	187
464129	10/240	1.2	187
464144	10/240	1	187
464146	10/240	1.2	187
464160	10/240	1.2	187
464169	10/240	1.2	187
464178	10/240	1.2	187
464182	10/240	1.2	187
464188	10/240	1.2	187
464215	10/240	1.2	187
464219	10/240	1	187
464229	10/240	1.2	187
464244	10/240	1	187
464246	10/240	1.2	187
464260	10/240	1.2	187
464269	10/240	1.2	187
464278	10/240	1.2	187
464282	10/240	1.2	187
464288	10/240	1.2	187
464315	1/50	1.2	177
464319	1/50	1	177, 235
464329	1/50	1.2	177
464344	1/50	1	177, 235
464346	1/50	1.2	177
464360	1/50	1.2	177, 235
464369	1/50	1.2	177
464378	1/50	1.2	177
464379	10/300	1	111, 178
464380	10/300	1	110, 177
464381	10/300	1	111, 178
464382	1/50	1.2	177
464383	10/300	1	111, 178
464384	10/300	1	112, 178
464386	10/300	1	111, 178
464387	5/150	1	111, 178
464388	1/50	1.2	177
464389	10/300	1	111, 178
464390	10/300	1	111, 178
464391	10/300	1	110, 177
464392	10/300	1	110, 177
464393	10/300	1	110, 177
464394	10/300	1	111, 178
464395	10/300	1	110, 177
464396	10/300	1	111, 178
464397	10/300	1	110, 177
464398	10/300	1	111, 177
464399	10/300	1	111, 177
464405	10/240	1.2	227
464419	10/240	1	227
464442	10/240	1.2	227
464444	10/240	1	227
464505	10/240	1.2	227
464519	10/240	1	227
464542	10/240	1.2	227
464544	10/240	1	227
464614	1/50	1.1	110
464619	1/50	1	110
464644	1/50	1	110
464660	1/50	1.1	110
464719	10/240	1	60
464774	10/240	1	60
464819	10/240	1	60
464874	10/240	1	60
464919	1/50	1	110
464925	1/50	1	110
464944	1/50	1	110
465009	5/500	1	36, 56
465010	5/500	1	36, 57
465015	5/500	1	36, 56
465025	5/500	1	36, 56
465104	10/40	1	34, 53
465108	10/40	1	34, 53
465206	10/50	1	34, 53
465226	10/50	1	34, 54
465236	10/50	1	34, 54
465304	10/40	1	34, 53
465404	5/250	1	34, 53
465408	5/250	1	34, 53

Art. no.	PU	PG	Page
465516	5/250	1	36, 59
465518	5/250	1	36, 59
465580	2/100	1	36, 112
465581	2/100	1	36, 112
465582	2/100	1	36, 112
465583	2/100	1	36, 112
465590	10/600	1	36, 236
465591	1/60	1	36, 236
465595	5/200	1	36, 59
465701	10/40	1	35, 55
465702	10/40	1	35, 55
465703	1/50	1	35, 55
465706	1/50	1	35, 55
465707	1/60	1	34, 54
465708	1/60	1	35, 55
465709	1/60	1	35, 54
465710	10/150	1	315
465711	1/15	1	315
465712	1/16	1	314
465713	1/150	1	314
465714	1/16	1	314
465720	10/50	1	35, 55
465721	1/50	1	35, 55
465740	1/30	1.6	240
465930	1/1	1	34, 54
466097	1/54	1	33, 60
466098	1/54	1	33, 60
466099	1/54	1	33, 60
466814	2/96	1.1	88
466819	2/96	1.1	88
466844	2/96	1.1	88
467014	10/50	1	33, 59
467019	10/50	1	33, 59
467114	2/176	1.1	140
467119	2/176	1.1	140
467144	2/176	1.1	140
467214	2/96	1.1	140
467219	2/96	1.1	140
467244	2/96	1.1	140
467314	2/64	1.1	140
467319	2/64	1.1	140
467344	2/64	1.1	140
467619	5/150	1	115
467625	5/150	1	115
467644	5/150	1	115
467719	5/150	1	116
467725	5/150	1	116
467744	5/150	1	116
467819	5/150	1	116
467825	5/150	1	116
467844	5/150	1	116
467919	5/150	1	117
467925	5/150	1	117
467944	5/150	1	117
468019	5/150	1	122
468025	5/150	1	122
468044	5/150	1	122
468114	5/150	1.1	115
468119	5/150	1	115
468144	5/150	1	115
468160	5/150	1.1	115
468214	5/150	1.1	116
468219	5/150	1	116
468244	5/150	1	116
468260	5/150	1.1	116
468314	5/150	1.1	116
468319	5/150	1	116
468344	5/150	1	116
468360	5/150	1.1	116
468419	5/120	1	122
468425	5/120	1	122
468444	5/120	1	122
468514	10/50	1.1	116, 122
468519	10/50	1	116, 122
468544	10/50	1	116, 122
468560	10/50	1.1	116, 122
468619	10/50	1	116, 122
468644	10/50	1	116, 122
468714	5/150	1.1	117
468719	5/150	1	117
468744	5/150	1	117
468760	5/150	1.1	117
468819	1/100	1	120
468825	1/100	1	120
468844	1/100	1	120
468914	5/150	1.1	122
468919	5/150	1	122
468944	5/150	1	122
468960	5/150	1.1	122
469019	5/150	1	122
469025	5/150	1	122
469044	5/150	1	122
469119	10/50	1	116, 122
469125	10/50	1	116, 122
469144	10/50	1	116, 122
469214	5/120	1.1	122
469219	5/120	1	122
469244	5/120	1	122
469260	5/120	1.1	122
469314	1/100	1.1	120
469319	1/100	1	120
469344	1/100	1	120
469360	1/100	1.1	120
469414	5/150	1.1	122
469419	5/150	1	122
469444	5/150	1	122
469460	5/150	1.1	122
470119	2/176	1	132
470125	2/176	1	132
470144	2/176	1	132
470219	2/96	1	132
470225	2/96	1	132
470244	2/96	1	132
470319	2/64	1	132
470325	2/64	1	132
470344	2/64	1	132
470419	2/44	1	132
470425	2/44	1	132
470444	2/44	1	132
470519	1/38	1	133
470525	1/38	1	133
470544	1/38	1	133
471219	2/96	1	133
471225	2/96	1	133
471244	2/96	1	133
471319	2/64	1	133
471325	2/64	1	133
471344	2/64	1	133
471419	2/44	1	133
471425	2/44	1	133
471444	2/44	1	133
471519	1/38	1	134
471525	1/38	1	134
471544	1/38	1	134
472214	2/96	1.1	144
472219	2/96	1	144
472244	2/96	1	144
472260	2/96	1.1	144
472314	2/64	1.1	144
472319	2/64	1	144
472344	2/64	1	144
472360	2/64	1.1	144
473219	2/96	1	133
473244	2/96	1	133
473319	2/64	1	133
473344	2/64	1	133
473419	2/44	1	133
473444	2/44	1	133
473519	1/38	1	134
473544	1/38	1	134
474119	2/176	1	132
474144	2/176	1	132
474219	2/96	1	132
474244	2/96	1	132
474319	2/64	1	132
474344	2/64	1	132
474419	2/44	1	132
474444	2/44	1	132
474519	1/38	1	133
474544	1/38	1	133
476114	2/176	1.1	143
476119	2/176	1	143
476144	2/176	1	143
476160	2/176	1.1	143
476214	2/96	1.1	144
476219	2/96	1	144
476244	2/96	1	144
476260	2/96	1.1	144
476314	2/64	1.1	144
476319	2/64	1	144
476344	2/64	1	144
476360	2/64	1.1	144
476814	2/96	1.1	88
476819	2/96	1.1	88
476844	2/96	1.1	88
477114	2/176	1.1	140
477119	2/176	1.1	140
477144	2/176	1.1	140
477214	2/96	1.1	140
477219	2/96	1.1	140
477244	2/96	1.1	140
477314	2/64	1.1	140
477319	2/64	1.1	140
477344	2/64	1.1	140
478014	5/40	2.1	137
478019	5/40	2.1	137
478025	5/40	2.1	137
478044	5/40	2.1	137
478060	5/40	2.1	137
478119	10/300	1	131
478125	10/300	1	131
478144	10/300	1	131
478219	10/200	1	131
478225	10/200	1	131
478244	10/200	1	131
478319	10/60	1	131
478325	10/60	1	131
478344	10/60	1	131
478419	2/44	1	131
478425	2/44	1	131
478444	2/44	1	131
478519	1/38	1	131
478525	1/38	1	131
478544	1/38	1	131
478819	10/200	1	87
478825	10/200	1.1	87
478844	10/200	1	87
480140	1/100	1.6	241
480240	1/75	1.6	241
480340	1/58	1.6	241
481106	2/196	1.2	192
481115	2/196	1.2	192
481119	10/300	1	192
481129	2/196	1.2	192
481146	2/196	1.2	192
481160	2/196	1.2	192
481169	2/196	1.2	192
481178	2/196	1.2	192
481182	2/196	1.2	192
481188	2/196	1.2	192
481194	10/220	1	192
481199	10/220	1	192
481215	2/100	1.2	192
481219	10/200	1	192
481229	2/100	1.2	192
481246	2/100	1.2	192
481260	2/100	1.2	192
481269	2/100	1.2	192
481278	2/100	1.2	192
481282	2/100	1.2	192
481288	2/100	1.2	192
481294	10/120	1	192
481299	10/120	1	192
481315	2/68	1.2	192
481319	10/60	1	192
481329	2/68	1.2	192
481346	2/68	1.2	192

www.merten.com

Art. no.	PU	PG	Page
481360	2/68	1.2	192
481369	2/68	1.2	192
481378	2/68	1.2	192
481382	2/68	1.2	192
481388	2/68	1.2	192
481394	10/80	1	192
481399	10/80	1	192
481415	2/44	1.2	192
481419	2/44	1	192
481429	2/44	1.2	192
481446	2/44	1.2	192
481460	2/44	1.2	192
481469	2/44	1.2	192
481478	2/44	1.2	192
481482	2/44	1.2	192
481488	2/44	1.2	192
481494	10/60	1	192
481499	10/60	1	192
481515	1/38	1.2	193
481519	1/38	1	193
481529	1/38	1.2	193
481546	1/38	1.2	193
481560	1/38	1.2	193
481569	1/38	1.2	193
481578	1/38	1.2	193
481582	1/38	1.2	193
481588	1/38	1.2	193
481594	1/38	1	193
481599	1/38	1	193
481819	10/200	1	156
481844	10/200	1	156
481846	2/96	1.2	156
481860	2/96	1.2	156
481919	2/100	1	170, 361
481944	2/100	1	170, 361
481946	2/100	1.2	170, 361
481960	2/100	1.2	170, 361
482160	2/176	1.7	203
482260	2/102	1.7	203
482360	2/60	1.7	203
482460	2/42	1.7	203
482860	2/102	1.7	156
483115	2/160	1.4	204
483119	2/160	1.4	204
483121	2/160	1.4	204
483143	2/160	1.4	204
483144	2/160	1.4	204
483215	2/90	1.4	204
483219	2/90	1.4	204
483221	2/90	1.4	204
483243	2/90	1.4	204
483244	2/90	1.4	204
483315	2/72	1.4	204
483319	2/72	1.4	204
483321	2/72	1.4	204
483343	2/72	1.4	204
483344	2/72	1.4	204
483415	2/44	1.4	204
483419	2/44	1.4	204
483421	2/44	1.4	204
483443	2/44	1.4	204
483444	2/44	1.4	204
483515	1/38	1.4	204
483519	1/38	1.4	204
483521	1/38	1.4	204
483543	1/38	1.4	204
483544	1/38	1.4	204
483819	2/90	1.4	156
483821	2/90	1.4	156
483843	2/90	1.4	156
483844	2/90	1.4	156
484100	1/100	1	134
484119	10/300	1	131
484144	10/300	1	131
484219	10/200	1	131
484244	10/200	1	131
484319	10/60	1	131
484344	10/60	1	131
484419	2/44	1	131
484444	2/44	1	131
484519	1/38	1	131
484544	1/38	1	131
484819	10/200	1	87
484844	10/200	1	87
485114	2/176	1.1	138
485119	10/300	1	138
485144	10/300	1	138
485160	2/176	1.1	138
485170	2/176	1.1	138
485178	2/176	1.1	138
485214	2/96	1.1	138
485219	10/160	1	138
485244	10/160	1	138
485260	2/96	1.1	138
485270	2/96	1.1	138
485278	2/96	1.1	138
485314	2/64	1.1	138
485319	10/60	1	138
485344	10/60	1	138
485360	2/64	1.1	138
485370	2/64	1.1	138
485378	2/64	1.1	138
485414	2/44	1.1	138
485419	2/44	1	138
485444	2/44	1	138
485460	2/44	1.1	138
485470	2/44	1.1	138
485478	2/44	1.1	138
485514	1/38	1.1	138
485519	1/38	1	138
485544	1/38	1	138
485560	1/38	1.1	138
485570	1/38	1.1	138
485578	1/38	1.1	138
485814	2/96	1.1	88
485819	10/160	1	88
485844	10/160	1	88
485860	2/96	1.1	88
485870	2/96	1.1	88
485878	2/96	1.1	88
486100	1/100	1	144
486114	2/176	1.1	143
486119	10/300	1	143
486144	10/300	1	143
486160	2/176	1.1	143
486214	2/96	1.1	143
486219	10/160	1	143
486244	10/160	1	143
486260	2/96	1.1	143
486314	2/64	1.1	143
486319	10/60	1	143
486344	10/60	1	143
486360	2/64	1.1	143
486414	2/44	1.1	143
486419	2/44	1	143
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486460	2/44	1.1	143
486514	1/38	1.1	143
486519	1/38	1	143
486544	1/38	1	143
486560	1/38	1.1	143
486814	2/96	1.1	88
486819	2/96	1.1	88
486844	2/96	1.1	88
487114	2/176	1.1	140
487119	2/176	1.1	140
487144	2/176	1.1	140
487214	2/96	1.1	140
487219	2/96	1.1	140
487244	2/96	1.1	140
487314	2/64	1.1	140
487319	2/64	1.1	140
487344	2/64	1.1	140
487806	1/48	1.1	88
487815	1/48	1.1	88
487860	1/48	1.1	88
487878	1/48	1.1	88
488114	2/176	1.1	146
488119	10/180	1	146
488160	2/176	1.1	146
488214	2/96	1.1	146
488219	10/90	1	146
488260	2/96	1.1	146
488314	2/64	1.1	146
488319	10/60	1	146
488360	2/64	1.1	146
488814	2/96	1.1	88
488819	10/90	1	88
488844	10/90	1	88
488860	2/96	1.1	88
489106	1/88	1.1	142
489115	1/88	1.1	142
489160	1/88	1.1	142
489178	1/88	1.1	142
489206	1/48	1.1	142
489215	1/48	1.1	142
489260	1/48	1.1	142
489278	1/48	1.1	142
489306	1/32	1.1	142
489315	1/32	1.1	142
489360	1/32	1.1	142
489378	1/32	1.1	142
489406	1/22	1.1	142
489415	1/22	1.1	142
489460	1/22	1.1	142
489478	1/22	1.1	142
489506	1/22	1.1	142
489515	1/22	1.1	142
489560	1/22	1.1	142
489578	1/22	1.1	142
489960	1/5	1.1	393
500114	1/30	8	84, 91
500119	1/30	8	84, 91
500144	1/30	8	84, 91
500160	1/30	8	84, 91
501119	1/30	8	84, 91
501125	1/30	8	84, 91
501144	1/30	8	84, 91
502414	1/100	8	98, 278
502419	1/100	8	98, 278
502444	1/100	8	98, 278
502460	1/100	8	98, 278
502514	1/60	8	98, 280
502519	1/60	8	98, 280
502544	1/60	8	98, 280
502560	1/60	8	98, 280
502614	1/100	8	98, 278
502619	1/100	8	98, 278
502644	1/100	8	98, 278
502660	1/100	8	98, 278
503419	1/100	8	98, 278
503425	1/100	8	98, 278
503444	1/100	8	98, 278
503519	1/60	8	98, 280
503525	1/60	8	98, 280
503544	1/60	8	98, 280
503619	1/100	8	98, 278
503625	1/100	8	98, 278
503644	1/100	8	98, 278
504419	1/100	8	165, 279
504444	1/100	8	165, 279
504446	1/100	8	165, 279
504460	1/100	8	165, 279
504519	1/60	8	166, 280
504544	1/60	8	166, 280
504546	1/60	8	166, 280
504560	1/60	8	166, 280
504619	1/100	8	165, 278
504644	1/100	8	165, 278
504646	1/100	8	165, 278
504660	1/100	8	165, 278
505019	1/4	8	97, 164
505060	1/4	8	97, 164
505114	1/40	8	97, 276
505119	1/40	8	97, 276
505144	1/40	8	97, 276
505160	1/40	8	97, 276

Art. no.	PU	PG	Page
505214	1/40	8	98, 277
505219	1/40	8	98, 277
505244	1/40	8	98, 277
505260	1/40	8	98, 277
505599	1/1	8	275
505919	1/1	8	97, 164
505960	1/1	8	97, 164
506004	1/100	8	277
506119	1/40	8	97, 276
506125	1/40	8	97, 276
506144	1/40	8	97, 276
506219	1/40	8	98, 277
506225	1/40	8	98, 277
506244	1/40	8	98, 277
506801	1/12	8	275
506922	1/1	8	33, 97
507001	1/60	8	279
507119	1/40	8	165, 277
507144	1/40	8	165, 277
507146	1/40	8	165, 277
507160	1/40	8	165, 277
507219	1/40	8	165, 277
507244	1/40	8	165, 277
507246	1/40	8	165, 277
507260	1/40	8	165, 277
508519	1/16	8	280
508619	1/16	8	280
509201	1/1	8	281
511019	1/40	1.5	63, 260
511074	1/40	1.5	63, 260
511119	1/40	1.5	63, 260
511174	1/40	1.5	63, 260
511219	1/20	1.5	63, 260
511274	1/20	1.5	63, 260
511319	1/15	1.5	63, 260
511374	1/15	1.5	63, 260
512106	1/40	1.5	193, 229
512115	1/40	1.5	193, 259
512119	1/40	1.5	69, 134
512129	1/40	1.5	193, 259
512144	1/40	1.5	69, 134
512169	1/40	1.5	193, 259
512178	1/40	1.5	193, 259
512182	1/40	1.5	193, 259
512188	1/40	1.5	193, 259
512215	1/20	1.5	193, 259
512219	1/20	1.5	69, 134
512229	1/20	1.5	193, 259
512244	1/20	1.5	69, 134
512269	1/20	1.5	193, 259
512278	1/20	1.5	193, 259
512282	1/20	1.5	193, 259
512288	1/20	1.5	193, 259
512315	1/15	1.5	193, 259
512319	1/15	1.5	69, 134
512329	1/15	1.5	193, 259
512344	1/15	1.5	69, 134
512369	1/15	1.5	193, 259
512378	1/15	1.5	193, 259
512382	1/15	1.5	193, 259
512388	1/15	1.5	193, 259
512400	1/160	1	146
512403	1/56	1	146
512499	10/180	1	146
512503	1/45	1	146
512599	10/90	1	146
512603	1/30	1	146
512699	10/60	1	146
515990	1/150	2.1	157
516094	5/300	1	176
516099	5/300	1	176
516314	4/96	2.1	236
516315	4/96	2.1	236
516319	4/96	2.1	236
516344	4/96	2.1	236
516360	4/96	2.1	236
516419	5/120	1	130, 190
516443	5/120	1.4	130, 190
516444	5/120	1	130, 190

Art. no.	PU	PG	Page
516446	5/120	1.2	130, 190
516460	5/120	1.2	130, 190
516514	5/120	2.1	236
516515	5/120	2.1	236
516519	5/120	2.1	236
516544	5/120	2.1	236
516560	5/120	2.1	236
516614	5/120	2.1	236
516615	5/120	2.1	236
516619	5/120	2.1	236
516644	5/120	2.1	236
516660	5/120	2.1	236
516819	5/500	1	219
516844	5/500	1	219
516914	5/120	2.1	236
516915	5/120	2.1	236
516919	5/120	2.1	236
516944	5/120	2.1	236
516960	5/120	2.1	236
517005	10/300	1.2	61, 227
517042	10/300	1.2	61, 227
517094	10/300	1	61, 227
517099	10/300	1	61, 227
517119	5/300	1	51
517174	5/300	1	51
517405	5/75	1.1	219
517415	5/75	1.2	176
517429	5/75	1.2	176
517446	5/75	1.2	176
517453	5/60	1.4	176
517460	5/75	1.2	176
517469	5/75	1.2	176
517474	5/75	1	51, 176
517478	5/75	1.2	176
517482	5/75	1.2	176
517488	5/75	1.2	176
517497	5/75	1.1	219
517498	5/75	1	51, 176
517617	10/300	1.5	258
517619	10/300	1.5	258
517644	10/300	1.5	258
517717	10/210	1.5	258
517719	10/210	1.5	258
517744	10/210	1.5	258
517817	10/240	1.5	258
517819	10/240	1.5	258
517844	10/240	1.5	258
517917	10/200	1.5	258
517919	10/200	1.5	258
517944	10/200	1.5	258
518015	10/300	1.2	61, 190
518019	10/300	1	61, 190
518029	10/300	1.2	61, 190
518044	10/300	1	61, 190
518046	10/300	1.2	61, 190
518060	10/300	1.2	61, 190
518069	10/300	1.2	61, 190
518078	10/300	1.2	61, 190
518082	10/300	1.2	61, 190
518088	10/300	1.2	61, 190
518114	5/300	1.1	109
518119	5/300	1	109
518144	5/300	1	109
518160	5/300	1.1	109
518214	5/75	1.1	110
518219	5/75	1	110
518244	5/75	1	110
518260	5/75	1.1	110
518314	10/240	2.1	236
518319	10/240	2.1	236
518344	10/240	2.1	236
518360	10/240	2.1	236
518415	10/300	1.2	130, 190
518419	10/300	1	130, 190
518429	10/300	1.2	130, 190
518444	10/300	1	130, 190
518446	10/300	1.2	130, 190
518460	10/300	1.2	130, 190
518469	10/300	1.2	130, 190

Art. no.	PU	PG	Page
518478	10/300	1.2	130, 190
518482	10/300	1.2	130, 190
518488	10/300	1.2	130, 190
518519	5/300	1	109
518525	5/300	1	109
518544	5/300	1	109
518619	5/75	1	110
518625	5/75	1	110
518644	5/75	1	110
520227	2/22	6	408
520327	2/22	6	408
520427	5/60	6.1	408
520619	5/40	6.1	408
520827	5/30	6	408
520900	10/480	6	409
521044	5/20	6	408
521427	5/10	6	408
521927	1/12	6	408
522175	1/30	2	251
523017	10/60	1.5	258
523019	10/60	1.5	258
523044	10/60	1.5	258
526129	10/200	7	409
526229	10/100	7	409
528068	10/40	1.6	240
528304	1/30	5	418
528668	1/30	1	414
533497	1/100	8	38
533498	1/50	8	39, 44
533591	50/900	1	38
533963	10/180	2	251, 253
534062	10/240	2	247
534162	10/240	2	247
534514	1/100	8	108
534519	1/100	8	108
534544	1/100	8	108
534560	1/100	8	108
534619	1/100	8	108
534625	1/100	8	108
534644	1/100	8	108
534719	1/150	8	100
534725	1/150	8	100
534744	1/150	8	100
534819	1/150	8	100
534825	1/150	8	100
534844	1/150	8	100
534919	1/150	8	101
534925	1/150	8	101
534944	1/150	8	101
535060	10/1000	1.5	63, 70
535062	10/1000	1.5	63, 70
535063	10/1000	1.5	193, 260
535160	20/2000	1.5	63, 70
535162	20/2000	1.5	63, 70
535163	20/2000	1.5	193, 260
535451	1/12	4	412
535491	1/80	4	410, 411
535493	1/12	4	411
535563	10/300	2	247
535593	1/12	4	410
535814	1/150	8	101
535819	1/150	8	101
535844	1/150	8	101
535860	1/150	8	101
535960	10/1000	2	251, 253
535962	10/500	2	247
536061	10/1000	2	251, 253
536062	10/1000	2	247
536114	1/150	8	100
536119	1/150	8	100
536144	1/150	8	100
536160	1/150	8	100
536214	1/150	8	100
536219	1/150	8	100
536244	1/150	8	100
536260	1/150	8	100
536302	1/50	8	24, 50
536304	1/50	8	24, 50
536400	1/50	8	24, 50

Art. no.	PU	PG	Page
536401	1/50	8	24, 50
536492	1/150	8	217
536494	1/150	8	217
536495	1/150	8	217
536499	1/150	8	217
536518	1/150	8	50
536524	1/150	8	50
537100	1/12	8	24, 50
537119	1/150	8	50
537174	1/150	8	50
537292	1/150	8	218
537294	1/150	8	218
537295	1/150	8	218
537299	1/150	8	218
537415	1/150	8	167
537419	1/150	8	167
537429	1/150	8	167
537443	1/150	8	167
537444	1/150	8	167
537446	1/150	8	167
537460	1/150	8	167
537469	1/150	8	167
537478	1/150	8	167
537482	1/150	8	167
537488	1/150	8	167
537515	1/150	8	168
537519	1/150	8	168
537529	1/150	8	168
537543	1/150	8	168
537544	1/150	8	168
537546	1/150	8	168
537560	1/150	8	168
537569	1/150	8	168
537578	1/150	8	168
537582	1/150	8	168
537588	1/150	8	168
538000	1/40	8	21
538034	1/100	8	46
538039	1/100	8	46
538105	1/100	8	212
538119	1/100	8	212
538142	1/100	8	212
538144	1/100	8	212
538200	1/40	8	21
538234	1/100	8	46
538239	1/100	8	46
538315	1/100	8	157
538319	1/100	8	157
538329	1/100	8	157
538343	1/100	8	157
538346	1/100	8	157
538360	1/100	8	157
538369	1/100	8	157
538378	1/100	8	157
538382	1/100	8	157
538388	1/100	8	157
538394	1/100	8	157
538399	1/100	8	157
538415	1/100	8	157
538419	1/100	8	157
538429	1/100	8	157
538443	1/100	8	157
538446	1/100	8	157
538460	1/100	8	157
538469	1/100	8	157
538478	1/100	8	157
538482	1/100	8	157
538488	1/100	8	157
538494	1/100	8	157
538499	1/100	8	157
538519	1/150	8	50
538574	1/150	8	50
538719	1/100	1	94
538744	1/100	1	94
538819	1/100	8	91
538844	1/100	8	91
538905	1/100	8	212
538919	1/100	8	212
538942	1/100	8	212
538944	1/100	8	212
539014	1/100	8	89
539019	1/100	8	89
539044	1/100	8	89
539060	1/100	8	89
539105	1/150	8	217
539119	1/150	8	217
539142	1/150	8	217
539144	1/150	8	217
539214	1/100	8	89
539219	1/100	8	89
539244	1/100	8	89
539260	1/100	8	89
539319	1/100	8	89
539344	1/100	8	89
539419	1/100	8	89
539444	1/100	8	89
539591	14/224	1	38
539654	1/1000	1	44, 83
539656	1/1000	1	44, 83
539715	1/150	8	167
539719	1/150	8	167
539729	1/150	8	167
539743	1/150	8	167
539744	1/150	8	167
539746	1/150	8	167
539760	1/150	8	167
539769	1/150	8	167
539778	1/150	8	167
539782	1/150	8	167
539788	1/150	8	167
539819	1/100	8	91
539844	1/100	8	91
539919	5/120	8	92, 297
539944	5/120	8	92, 297
542894	1/48	8	26, 38
542895	10/450	8	38, 330
544529	1/45	8	340
544819	1/35	8	340
544829	1/35	8	341
544890	1/35	8	340
544894	1/35	8	341
545715	1/20	8	328
545719	1/20	8	328
547019	1/23	8.3	343
547119	1/23	8.3	343
547519	1/1	8.3	343
547560	1/1	8.3	343
548019	1/10	8.3	342
548060	1/10	8.3	342
548519	1/1	8.3	342
548560	1/1	8.3	342
550419	1/6	8	336
550499	1/6	8	336
550590	1/6	8	337
550591	1/6	8	337
550619	1/21	8	339, 373
550892	20/4080	8	38
550992	20/4080	8	38
551092	20/4080	8	38
551192	20/4080	8	38
551292	20/4080	8	38
552019	1/60	8	312
552119	1/150	8	38, 312
554395	1/40	8	329
554399	1/40	8	329
561119	1/60	8	122
561160	1/60	8	122
561219	1/60	8	123
561260	1/60	8	123
561319	1/40	8	123
561360	1/40	8	123
564315	1/3	8	329
564319	1/3	8	329
564415	1/6	8	329
564419	1/6	8	329
565119	1/6	8	327
565219	1/12	8	328
565291	1/21	8	328
565292	1/21	8	328
565293	1/21	8	328
565415	1/6	8	324
565419	1/12	8	324
565426	1/6	8	325
565469	1/6	8	324
565495	1/24	8	326
565615	1/6	8	325
565619	1/6	8	325
565669	1/6	8	325
567019	5/120	8	92, 297
567025	5/120	8	92, 297
567044	5/120	8	92, 297
567119	1/100	1	94
567125	1/100	1	94
567144	1/100	1	94
567219	1/100	8	91
567225	1/100	8	91
567244	1/100	8	91
567319	1/100	1	92
567325	1/100	1	92
567344	1/100	1	92
567419	1/100	8	89
567425	1/100	8	89
567444	1/100	8	89
567519	1/100	8	89
567525	1/100	8	89
567544	1/100	8	89
567619	1/100	8	91
567625	1/100	8	91
567644	1/100	8	91
567714	1/60	8	92, 299
567719	1/60	8	92, 299
567744	1/60	8	92, 299
567760	1/60	8	92, 299
567819	1/60	8	92, 299
567825	1/60	8	92, 299
567844	1/60	8	92, 299
568099	1/50	8	28, 302
568199	1/100	8	160, 301
568200	1/15	1.7	199
568201	1/15	1.7	199
568300	1/15	1.7	199
568301	1/15	1.7	199
568499	1/100	8	93, 301
568714	1/40	8	99, 331
568719	1/40	8	99, 331
568744	1/40	8	99, 331
568760	1/40	8	99, 331
568819	1/40	8	99, 331
568825	1/40	8	99, 331
568844	1/40	8	99, 331
568960	1/5	8.1	203
568991	1/1000	8.1	203
568992	1/1000	8.1	203
569000	1/100	1.7	202
569090	1/100	8	199, 306
569091	1/100	8	202
569092	1/100	8	202
569100	1/15	1.7	198, 305
569101	1/15	1.7	198, 305
569190	1/100	1.7	199
569200	1/15	1.7	198, 305
569201	1/15	1.7	198, 305
569290	1/100	1.7	199
569300	1/15	1.7	198, 305
569301	1/15	1.7	198, 305
569390	1/100	1.7	199
569400	1/15	1.7	198
569401	1/15	1.7	198
569500	1/15	1.7	199, 305
569501	1/15	1.7	199, 305
569614	1/100	8	91
569619	1/100	8	91
569644	1/100	8	91
569660	1/100	8	91
569814	1/100	1.1	94
569819	1/100	1	94
569844	1/100	1	94

www.merten.com

Art. no.	PU	PG	Page
569860	1/100	1.1	94
569914	5/120	8	92, 297
569919	5/120	8	92, 297
569944	5/120	8	92, 297
569960	5/120	8	92, 297
570000	1/2	8	125
570019	1/2	8	124
570060	1/2	8	124
570114	1/100	8	93, 299
570119	1/100	8	93, 299
570144	1/100	8	93, 299
570160	1/100	8	93, 299
570222	1/48	8	32, 293
570314	1/100	8	93, 300
570319	1/100	8	93, 300
570344	1/100	8	93, 300
570360	1/100	8	93, 300
570419	1/100	8	93, 299
570444	1/100	8	93, 299
570519	1/2	8	125
570560	1/2	8	125
570915	1/100	8	160, 300
570919	1/100	8	160, 300
570929	1/100	8	160, 300
570943	1/100	8	160, 300
570944	1/100	8	160, 300
570946	1/100	8	160, 300
570960	1/100	8	160, 300
570969	1/100	8	160, 300
570978	1/100	8	160, 300
570982	1/100	8	160, 300
570988	1/100	8	160, 300
571000	1/2	8	125
571019	1/2	8	125
571060	1/2	8	125
571119	1/100	8	93, 300
571144	1/100	8	93, 300
571519	1/100	8	214, 299
571544	1/100	8	214, 299
571617	1/72	8	26, 256
571619	1/72	8	26, 256
571644	1/72	8	26, 256
571715	1/100	8	159, 298
571719	1/100	8	159, 298
571729	1/100	8	159, 298
571743	1/100	8	159, 298
571744	1/100	8	159, 298
571746	1/100	8	159, 298
571760	1/100	8	159, 298
571769	1/100	8	159, 298
571778	1/100	8	159, 298
571782	1/100	8	159, 298
571788	1/100	8	159, 298
571829	1/72	8	27, 309
571915	1/10	8	28, 310
571930	1/10	8	27, 309
571950	1/10	8	27, 309
572015	5/120	8	159, 297
572019	10/120	8	159, 297
572029	5/120	8	159, 297
572043	5/120	8	159, 297
572046	5/120	8	159, 297
572060	5/120	8	159, 297
572069	5/120	8	159, 297
572078	5/120	8	159, 297
572082	5/120	8	159, 297
572088	5/120	8	159, 297
572094	5/120	8	159, 297
572099	5/120	8	159, 297
572119	1/60	8	64, 296
572124	1/60	8	24, 70
572174	1/60	8	24, 64
572224	1/60	8	25, 70
572274	1/60	8	25, 65
572299	1/72	8	24, 297
572319	5/120	8	47, 297
572374	5/120	8	47, 297
572424	1/60	8	25, 70
572474	1/60	8	25, 65
572499	1/72	8	24, 297
572529	1/72	8	27, 309
572599	1/72	8	25, 298
572605	5/120	8	214, 297
572619	10/120	8	214, 297
572642	5/120	8	214, 297
572644	10/120	8	214, 297
572799	1/30	8	25, 299
572819	1/60	8	99, 332
572825	1/60	8	99, 332
572844	1/60	8	99, 332
572999	1/50	8	25, 298
573299	1/50	8	26, 298
573399	1/60	8	29, 201
573417	1/72	8	26, 255
573419	1/72	8	26, 255
573444	1/72	8	26, 255
573529	1/50	8	29, 310
573599	1/60	8	29, 201
573715	1/100	8	160, 300
573719	1/100	8	160, 300
573729	1/100	8	160, 300
573743	1/100	8	160, 300
573744	1/100	8	160, 300
573746	1/100	8	160, 300
573760	1/100	8	160, 300
573769	1/100	8	160, 300
573778	1/100	8	160, 300
573782	1/100	8	160, 300
573788	1/100	8	160, 300
573814	1/100	8	234
573815	1/100	8	234
573819	1/100	8	234
573844	1/100	8	234
573860	1/100	8	234
573998	1/60	8	32, 199
573999	1/60	8	32, 305
574029	1/50	8	32, 308
574099	1/60	8	32, 308
574174	1/100	8	47, 300
574198	1/100	8	47, 300
574205	1/100	8	214, 301
574219	1/100	8	214, 301
574242	1/100	8	214, 301
574244	1/100	8	214, 301
574697	1/60	8	30, 200
574819	1/100	8	47, 300
574874	1/100	8	47, 300
574905	1/100	8	214, 301
574919	1/100	8	214, 301
574942	1/100	8	214, 301
574944	1/100	8	214, 301
575119	1/40	8	296
575305	1/60	8	216, 332
575319	1/60	8	216, 332
575342	1/60	8	216, 332
575344	1/60	8	216, 332
575519	1/60	8	99, 331
575525	1/60	8	99, 331
575544	1/60	8	99, 331
575605	1/60	8	216, 333
575619	1/60	8	216, 333
575642	1/60	8	216, 333
575644	1/60	8	216, 333
575697	1/60	8	30, 200
575799	1/50	8	30, 200
575897	1/50	8	31, 200
576101	10/300	8	38
576102	10/300	8	38
576397	1/40	8	23, 284
576398	1/100	8	23, 283
576399	1/24	8	23, 283
576499	1/50	8	22, 31
576799	1/50	8	31, 49
576897	1/50	8	31, 49
577099	1/50	8	28, 201
577129	1/50	8	27, 309
577199	1/50	8	25, 298
577299	1/60	8	29, 201
577399	1/60	8	32, 308
577619	1/100	8	93, 299
577625	1/100	8	93, 299
577644	1/100	8	93, 299
577791	1/24	8.1	311
577796	1/40	8.1	311
577797	1/40	8.1	311
577798	1/40	8.1	311
577829	1/50	8	30, 310
577899	1/60	8	29, 201
577919	1/100	8	93, 300
577925	1/100	8	93, 300
577944	1/100	8	93, 300
578114	1/50	8	234, 334
578115	1/50	8	234, 334
578119	1/50	8	234, 334
578144	1/50	8	234, 334
578160	1/50	8	234, 334
578219	1/60	8	49, 331
578274	1/60	8	49, 331
578319	1/60	8	49, 331
578374	1/60	8	49, 331
578414	1/60	8	99, 331
578419	1/60	8	99, 331
578444	1/60	8	99, 331
578460	1/60	8	99, 331
578514	1/60	8	99, 332
578519	1/60	8	99, 332
578544	1/60	8	99, 332
578560	1/60	8	99, 332
578615	1/60	8	166, 332
578619	1/60	8	166, 332
578629	1/60	8	166, 332
578644	1/60	8	166, 332
578646	1/60	8	166, 332
578660	1/60	8	166, 332
578669	1/60	8	166, 332
578678	1/60	8	166, 332
578682	1/60	8	166, 332
578688	1/60	8	166, 332
579515	1/60	8	166, 332
579519	1/60	8	166, 332
579529	1/60	8	166, 332
579544	1/60	8	166, 332
579546	1/60	8	166, 332
579560	1/60	8	166, 332
579569	1/60	8	166, 332
579578	1/60	8	166, 332
579582	1/60	8	166, 332
579588	1/60	8	166, 332
580019	1/10	8	46
580074	1/10	8	46
580119	1/10	8	48, 285
580174	1/10	8	48, 285
580219	1/100	8	48, 284
580274	1/100	8	48, 284
580319	1/100	8	48, 284
580374	1/100	8	48, 284
580419	1/100	8	48, 284
580474	1/100	8	48, 284
580519	1/100	8	48, 284
580574	1/100	8	48, 284
580690	1/2	8	293
580691	1/54	8	292
580692	1/2	8	293
580693	1/25	8	293
580698	1/50	8	22, 281
580699	1/50	8	23, 281
580919	1/10	8	48, 285
580974	1/10	8	48, 285
581019	1/10	8	46
581074	1/10	8	46
581119	1/10	8	49, 285
581174	1/10	8	49, 285
581219	1/10	8	90
581225	1/10	8	90
581244	1/10	8	90
581319	1/10	8	90
581325	1/10	8	90

www.merten.com

Art. no.	PU	PG	Page
581344	1/10	8	90
581419	1/10	8	95, 287
581425	1/10	8	95, 287
581444	1/10	8	95, 287
581519	1/10	8	95, 287
581525	1/10	8	95, 287
581544	1/10	8	95, 287
581619	1/10	8	96, 288
581625	1/10	8	96, 288
581644	1/10	8	96, 288
581919	1/10	8	95, 287
581944	1/10	8	95, 287
582005	1/10	8	213
582019	1/10	8	213
582042	1/10	8	213
582044	1/10	8	213
582105	1/10	8	216, 292
582119	1/10	8	216, 292
582142	1/10	8	216, 292
582144	1/10	8	216, 292
582205	1/100	8	215, 291
582219	1/100	8	215, 291
582242	1/100	8	215, 291
582244	1/100	8	215, 291
582305	1/100	8	215, 291
582319	1/100	8	215, 291
582342	1/100	8	215, 291
582344	1/100	8	215, 291
582405	1/60	8	215, 291
582419	1/60	8	215, 291
582442	1/60	8	215, 291
582444	1/60	8	215, 291
582505	1/100	8	215, 291
582519	1/100	8	215, 291
582542	1/100	8	215, 291
582544	1/100	8	215, 291
583005	1/10	8	213
583019	1/10	8	213
583042	1/10	8	213
583044	1/10	8	213
583105	1/10	8	216, 292
583119	1/10	8	216, 292
583142	1/10	8	216, 292
583144	1/10	8	216, 292
583619	5/120	8	47
583674	5/120	8	47
583699	1/50	8	26
583905	1/10	8	216, 292
583919	1/10	8	216, 292
583942	1/10	8	216, 292
583944	1/10	8	216, 292
584015	1/10	8	158
584019	1/10	8	158
584029	1/10	8	158
584043	1/10	8	158
584044	1/10	8	158
584046	1/10	8	158
584060	1/10	8	158
584069	1/10	8	158
584078	1/10	8	158
584082	1/10	8	158
584088	1/10	8	158
584115	1/10	8	162, 290
584119	1/10	8	162, 290
584129	1/10	8	162, 290
584143	1/10	8	162, 290
584144	1/10	8	162, 290
584146	1/10	8	162, 290
584160	1/10	8	162, 290
584169	1/10	8	162, 290
584178	1/10	8	162, 290
584182	1/10	8	162, 290
584188	1/10	8	162, 290
584215	1/100	8	161, 288
584219	1/100	8	161, 288
584229	1/100	8	161, 288
584243	1/100	8	161, 288
584244	1/100	8	161, 288
584246	1/100	8	161, 288
584260	1/100	8	161, 288
584269	1/100	8	161, 288
584278	1/100	8	161, 288
584282	1/100	8	161, 288
584288	1/100	8	161, 288
584315	1/100	8	162, 289
584319	1/100	8	162, 289
584329	1/100	8	162, 289
584343	1/60	8	162, 289
584344	1/100	8	162, 289
584346	1/100	8	162, 289
584360	1/100	8	162, 289
584369	1/100	8	162, 289
584378	1/100	8	162, 289
584382	1/100	8	162, 289
584388	1/100	8	162, 289
584415	1/60	8	162, 289
584419	1/60	8	162, 289
584429	1/60	8	162, 289
584443	1/60	8	162, 289
584444	1/60	8	162, 289
584446	1/60	8	162, 289
584460	1/60	8	162, 289
584469	1/60	8	162, 289
584478	1/60	8	162, 289
584482	1/60	8	162, 289
584488	1/60	8	162, 289
584515	1/100	8	161, 288
584519	1/100	8	161, 288
584529	1/100	8	161, 288
584543	1/60	8	161, 288
584544	1/100	8	161, 288
584546	1/100	8	161, 288
584560	1/100	8	161, 288
584569	1/100	8	161, 288
584578	1/100	8	161, 288
584582	1/100	8	161, 288
584588	1/100	8	161, 288
585015	1/24	8	158
585019	1/10	8	158
585029	1/10	8	158
585043	1/10	8	158
585044	1/10	8	158
585046	1/10	8	158
585060	1/10	8	158
585069	1/10	8	158
585078	1/10	8	158
585082	1/10	8	158
585088	1/10	8	158
585115	1/10	8	163, 290
585119	1/10	8	163, 290
585129	1/10	8	163, 290
585143	1/10	8	163, 290
585144	1/10	8	163, 290
585146	1/10	8	163, 290
585160	1/10	8	163, 290
585169	1/10	8	163, 290
585178	1/10	8	163, 290
585182	1/10	8	163, 290
585188	1/10	8	163, 290
585919	1/10	8	162, 290
585944	1/10	8	162, 290
585946	1/10	8	162, 290
585960	1/10	8	162, 290
586014	1/10	8	90
586019	1/10	8	90
586044	1/10	8	90
586060	1/10	8	90
586114	1/10	8	95, 287
586119	1/10	8	95, 287
586144	1/10	8	95, 287
586160	1/10	8	95, 287
586214	1/100	8	94, 285
586219	1/100	8	94, 285
586244	1/100	8	94, 285
586260	1/100	8	94, 285
586314	1/100	8	95, 286
586319	1/100	8	95, 286
586344	1/100	8	95, 286
586360	1/100	8	95, 286
586414	1/100	8	95, 286
586419	1/100	8	95, 286
586444	1/100	8	95, 286
586460	1/100	8	95, 286
586514	1/100	8	94, 286
586519	1/100	8	94, 286
586544	1/100	8	94, 286
586560	1/100	8	94, 286
586614	1/10	8	90
586619	1/10	8	90
586644	1/10	8	90
586660	1/10	8	90
586714	1/10	8	96, 288
586719	1/10	8	96, 288
586744	1/10	8	96, 288
586760	1/10	8	96, 288
586819	1/48	8	126
586825	1/48	8	126
586844	1/48	8	126
586919	1/40	8	126
586925	1/40	8	126
586944	1/40	8	126
587014	1/100	8	123
587019	1/100	8	123
587044	1/100	8	123
587060	1/100	8	123
587090	1/50	8	123
587091	1/50	8	123
587092	1/50	8	123
587095	1/150	8	124
587096	1/150	8	124
587114	1/40	8	126
587119	1/40	8	126
587144	1/40	8	126
587160	1/40	8	126
587199	1/60	8	126
587214	1/48	8	126
587219	1/48	8	126
587244	1/48	8	126
587260	1/48	8	126
587314	2/96	1.1	104, 126
587319	2/96	1	104, 126
587344	2/96	1	104, 126
587360	2/96	1.1	104, 126
587419	1/100	8	123
587425	1/100	8	123
587444	1/100	8	123
587514	1/150	8	124
587519	1/150	8	124
587544	1/150	8	124
587560	1/150	8	124
587614	1/100	8	124
587619	1/100	8	124
587644	1/100	8	124
587660	1/100	8	124
587719	1/100	8	94, 285
587725	1/100	8	94, 285
587744	1/100	8	94, 285
587819	1/100	8	94, 286
587825	1/100	8	94, 286
587844	1/100	8	94, 286
587919	1/100	8	95, 286
587925	1/100	8	95, 286
587944	1/100	8	95, 286
588019	1/100	8	95, 286
588025	1/100	8	95, 286
588044	1/100	8	95, 286
592290	1/40	8	327
599893	1/3	3.1	415
599894	1/3	3.1	416
615014	1/1	9.1	351
615022	1/20	9.1	39, 367
615034	1/4	9.1	378
615047	1/1	9	396
615048	1/1	9	375
615901	1/1	9.9	396
616001	1/1	9.9	405
616002	1/1	9.9	405

Art. no.	PU	PG	Page
616003	1/1	9.9	405
617119	1/60	9	101, 353
617125	1/60	9	101, 353
617144	1/60	9	101, 353
617219	1/60	9	101, 354
617225	1/60	9	101, 354
617244	1/60	9	101, 354
617419	1/60	9	102, 354
617425	1/60	9	102, 354
617444	1/60	9	102, 354
617519	1/60	9	102, 354
617525	1/60	9	102, 354
617544	1/60	9	102, 354
617819	1/100	9	169, 359
618319	1/100	9	103, 356
618320	1/100	9	103, 356
618419	1/100	9	103, 356
618420	1/100	9	103, 356
618919	1/100	9	172, 363
618944	1/100	9	172, 363
619119	1/150	9	105, 363
619125	1/150	9	105, 363
619144	1/150	9	105, 363
619219	1/150	9	93, 105
619225	1/150	9	93, 105
619244	1/150	9	93, 105
619319	1/150	9	105, 364
619325	1/150	9	105, 364
619419	1/150	9	105, 364
619425	1/150	9	105, 364
619519	1/150	9	106, 365
619525	1/150	9	106, 365
619619	1/150	9	106, 365
619625	1/150	9	106, 365
619719	1/150	9	106, 365
619725	1/150	9	106, 365
620819	1/100	9	102, 355
620825	1/100	9	102, 355
620844	1/100	9	102, 355
620919	1/100	9	102, 108
620925	1/100	9	102, 108
620944	1/100	9	102, 108
621019	1/100	9	103, 355
621025	1/100	9	103, 355
621044	1/100	9	103, 355
621415	1/50	9	174, 335
621419	1/50	9	174, 335
621429	1/50	9	174, 335
621444	1/50	9	174, 335
621446	1/50	9	174, 335
621460	1/50	9	174, 335
621469	1/50	9	174, 335
621478	1/50	9	174, 335
621482	1/50	9	174, 335
621488	1/50	9	174, 335
622315	1/100	9	170, 361
622319	1/100	9	170, 361
622329	1/100	9	170, 361
622344	1/100	9	170, 361
622346	1/100	9	170, 361
622360	1/100	9	170, 361
622369	1/100	9	170, 361
622378	1/100	9	170, 361
622382	1/100	9	170, 361
622388	1/100	9	170, 361
622415	1/100	9	171, 361
622419	1/100	9	171, 361
622429	1/100	9	171, 361
622444	1/100	9	171, 361
622446	1/100	9	171, 361
622460	1/100	9	171, 361
622469	1/100	9	171, 361
622478	1/100	9	171, 361
622482	1/100	9	171, 361
622488	1/100	9	171, 361
622515	1/100	9	171, 362
622519	1/100	9	171, 362
622529	1/100	9	171, 362
622544	1/100	9	171, 362
622546	1/100	9	171, 362
622560	1/100	9	171, 362
622569	1/100	9	171, 362
622578	1/100	9	171, 362
622582	1/100	9	171, 362
622588	1/100	9	171, 362
622615	1/100	9	171, 362
622619	1/100	9	171, 362
622629	1/100	9	171, 362
622644	1/100	9	171, 362
622646	1/100	9	171, 362
622660	1/100	9	171, 362
622669	1/100	9	171, 362
622678	1/100	9	171, 362
622682	1/100	9	171, 362
622688	1/100	9	171, 362
622715	1/100	9	171, 362
622719	1/100	9	171, 362
622729	1/100	9	171, 362
622744	1/100	9	171, 362
622746	1/100	9	171, 362
622760	1/100	9	171, 362
622769	1/100	9	171, 362
622778	1/100	9	171, 362
622782	1/100	9	171, 362
622788	1/100	9	171, 362
622815	1/100	9	172, 363
622819	1/100	9	172, 363
622829	1/100	9	172, 363
622844	1/100	9	172, 363
622846	1/100	9	172, 363
622860	1/100	9	172, 363
622869	1/100	9	172, 363
622878	1/100	9	172, 363
622882	1/100	9	172, 363
622888	1/100	9	172, 363
623190	1/100	9	202, 353
623214	1/17	9	104, 357
623219	1/17	9	104, 357
623244	1/17	9	104, 357
623260	1/17	9	104, 357
623299	1/50	9	358, 361
623314	1/100	9	102, 355
623319	1/100	9	102, 355
623344	1/100	9	102, 355
623360	1/100	9	102, 355
623414	1/100	9	102, 108
623419	1/100	9	102, 108
623444	1/100	9	102, 108
623460	1/100	9	102, 108
623614	1/17	9	104, 357
623619	1/17	9	104, 357
623644	1/17	9	104, 357
623660	1/17	9	104, 357
623814	1/100	9	103, 355
623819	1/100	9	103, 355
623844	1/100	9	103, 355
623860	1/100	9	103, 355
624114	1/100	9	103, 355
624119	1/100	9	103, 355
624144	1/100	9	103, 355
624160	1/100	9	103, 355
624214	1/100	9	103, 356
624219	1/100	9	103, 356
624244	1/100	9	103, 356
624260	1/100	9	103, 356
624314	1/50	9	107, 334
624319	1/50	9	107, 334
624344	1/50	9	107, 334
624360	1/50	9	107, 334
624714	1/50	9	108, 400
624719	1/50	9	108, 400
624744	1/50	9	108, 400
624760	1/50	9	108, 400
624915	1/50	9	175, 400
624919	1/50	9	175, 400
624929	1/50	9	175, 400
624944	1/50	9	175, 400
624946	1/50	9	175, 400
624960	1/50	9	175, 400
624969	1/50	9	175, 400
624978	1/50	9	175, 400
624982	1/50	9	175, 400
624988	1/50	9	175, 400
625114	1/150	9	105, 363
625119	1/150	9	105, 363
625144	1/150	9	105, 363
625160	1/150	9	105, 363
625199	1/60	9	105, 363
625214	1/150	9	93, 105
625219	1/150	9	93, 105
625244	1/150	9	93, 105
625260	1/150	9	93, 105
625299	1/60	9	105, 364
625414	1/150	9	105, 364
625419	1/150	9	105, 364
625444	1/150	9	105, 364
625460	1/150	9	105, 364
625514	1/150	9	105, 364
625519	1/150	9	105, 364
625544	1/150	9	105, 364
625560	1/150	9	105, 364
625614	1/150	9	106, 365
625619	1/150	9	106, 365
625644	1/150	9	106, 365
625660	1/150	9	106, 365
625714	1/150	9	106, 365
625719	1/150	9	106, 365
625744	1/150	9	106, 365
625760	1/150	9	106, 365
625814	1/150	9	106, 365
625819	1/150	9	106, 365
625844	1/150	9	106, 365
625860	1/150	9	106, 365
625919	1/50	9	108, 400
625925	1/50	9	108, 400
625944	1/50	9	108, 400
626119	1/150	9	172, 365
626144	1/150	9	172, 365
626146	1/150	9	172, 365
626160	1/150	9	172, 365
626199	1/60	9	172, 365
626219	1/150	9	160, 173
626244	1/150	9	160, 173
626246	1/150	9	160, 173
626260	1/150	9	160, 173
626299	1/60	9	173, 366
626419	1/150	9	172, 366
626444	1/150	9	172, 366
626446	1/150	9	172, 366
626460	1/150	9	172, 366
626519	1/150	9	173, 366
626544	1/150	9	173, 366
626546	1/150	9	173, 366
626560	1/150	9	173, 366
626619	1/150	9	173, 366
626644	1/150	9	173, 366
626646	1/150	9	173, 366
626660	1/150	9	173, 366
626719	1/150	9	173, 366
626744	1/150	9	173, 366
626746	1/150	9	173, 366
626760	1/150	9	173, 366
626819	1/150	9	174, 367
626844	1/150	9	174, 367
626846	1/150	9	174, 367
626860	1/150	9	174, 367
627099	1/60	9	378
627199	1/60	9	379
627299	1/60	9	384
627319	1/17	9	104, 357
627325	1/17	9	104, 357
627344	1/17	9	104, 357
627419	1/17	9	104, 357
627425	1/17	9	104, 357
627444	1/17	9	104, 357
627514	1/60	9	101, 353
627519	1/60	9	101, 353

www.merten.com

Art. no.	PU	PG	Page
627544	1/60	9	101, 353
627560	1/60	9	101, 353
627591	10/160	9	104, 356
627614	1/60	9	101, 354
627619	1/60	9	101, 354
627644	1/60	9	101, 354
627660	1/60	9	101, 354
627814	1/60	9	102, 354
627819	1/60	9	102, 354
627844	1/60	9	102, 354
627860	1/60	9	102, 354
627914	1/60	9	102, 354
627919	1/60	9	102, 354
627944	1/60	9	102, 354
627960	1/60	9	102, 354
628019	1/60	9	168, 358
628044	1/60	9	168, 358
628046	1/60	9	168, 358
628060	1/60	9	168, 358
628091	10/160	9	172, 363
628119	1/60	9	168, 358
628144	1/60	9	168, 358
628146	1/60	9	168, 358
628160	1/60	9	168, 358
628219	1/60	9	169, 359
628244	1/60	9	169, 359
628246	1/60	9	169, 359
628260	1/60	9	169, 359
628319	1/60	9	169, 359
628344	1/60	9	169, 359
628346	1/60	9	169, 359
628360	1/60	9	169, 359
628419	1/60	9	169, 359
628444	1/60	9	169, 359
628446	1/60	9	169, 359
628460	1/60	9	169, 359
628719	1/17	9	170, 360
628744	1/17	9	170, 360
628746	1/17	9	170, 360
628760	1/17	9	170, 360
628819	1/17	9	170, 360
628844	1/17	9	170, 360
628846	1/17	9	170, 360
628860	1/17	9	170, 360
629019	1/50	9	107, 334
629025	1/50	9	107, 334
629044	1/50	9	107, 334
629119	1/100	9	103, 355
629125	1/100	9	103, 355
629144	1/100	9	103, 355
629219	1/100	9	103, 356
629225	1/100	9	103, 356
629244	1/100	9	103, 356
629414	1/100	9	107, 391
629419	1/100	9	107, 391
629444	1/100	9	107, 391
629460	1/100	9	107, 391
629519	1/100	9	175, 391
629544	1/100	9	175, 391
629546	1/100	9	175, 391
629560	1/100	9	175, 391
629819	1/100	9	107, 391
629825	1/100	9	107, 391
629844	1/100	9	107, 391
629993	1/100	9	379
630214	1/40	9	107, 335
630219	1/40	9	107, 335
630244	1/40	9	107, 335
630260	1/40	9	107, 335
630319	1/40	9	107, 335
630325	1/40	9	107, 335
630344	1/40	9	107, 335
630590	1/6	9	338, 372
630591	1/6	9	338, 373
630592	1/6	9	338, 372
631515	1/6	9	326, 370
631519	1/12	9	326, 370
631569	1/6	9	326, 370
639110	5/400	9	403
639118	1/30	9	401
639119	1/30	9	401
639124	1/70	9	403
639125	1/50	9	402
639150	5/400	9	403
639178	5/400	9	403
639180	5/400	9	403
639190	10/180	9.1	401
639898	1/50	9	368
644492	1/30	9.3	369
644592	1/10	9.3	369
644692	1/10	9.3	370
644792	1/10	9.3	369
644892	1/30	9.3	369
644992	1/30	9.3	370
645029	1/18	9.3	404
645091	1/100	9.3	402, 404
645093	1/18	9.3	401
645129	1/10	9.3	402
646630	1/10	9.3	387
646704	1/10	9.3	385
646808	1/10	9.3	381
646991	1/1	9.3	390
647091	1/1	9.3	389
647393	1/30	9.3	380
647593	1/10	9.3	381
647893	1/6	9.3	382
648493	1/6	9.3	383
648704	1/10	9.3	385
649202	1/10	9.3	379
649204	1/10	9.3	380
649208	1/10	9.3	381
649212	1/10	9.3	382
649310	1/6	9.3	388
649315	1/10	9.3	389
649330	1/10	9.3	388
649350	1/10	9.3	387
649704	1/10	9.3	385
649802	1/10	9.3	384
649804	1/10	9.3	385
649808	1/6	9.3	386
649908	1/6	9.3	383
649912	1/6	9.3	384
650629	1/7	9	374
660790	1/8	9.1	353
662114	1/100	9	106, 349
662119	1/100	9	106, 349
662144	1/100	9	106, 349
662160	1/100	9	106, 349
662215	1/100	9	174, 349
662219	1/100	9	174, 349
662229	1/100	9	174, 349
662244	1/100	9	174, 349
662246	1/100	9	174, 349
662260	1/100	9	174, 349
662269	1/100	9	174, 349
662278	1/100	9	174, 349
662282	1/100	9	174, 349
662288	1/100	9	174, 349
662319	1/100	9	106, 349
662325	1/100	9	106, 349
662344	1/100	9	106, 349
662929	5/500	9	349
663529	1/15	9.3	404
663591	1/2	9	375
663592	1/2	9	375
663593	1/80	9	376
663594	1/80	9	376
663595	1/5	9	376
663596	1/80	9	376
663692	1/1	9	375
668091	1/20	9	377
668092	1/80	9.1	378
668990	1/2	8.2	346
668991	1/1	8.2	347
670301	1/42	9.3	378
670601	1/24	9.3	374
670802	1/150	9	368
670804	1/150	9	368
671198	1/50	9	367
671199	1/50	9	367
671298	1/50	9	367
671299	1/50	9	367
671390	1/10	9	395
671490	1/10	9	395
671590	1/10	9	395
672092	1/2	9	394
672093	1/1	9	394
672094	1/1	9	394
673092	1/2	9	395
673093	1/1	9	395
673094	1/1	9	395
675001	1/30	9.3	393
675101	1/30	9.3	394
675201	1/30	9.3	393
676029	1/30	9.3	351
676099	1/30	9.3	350
677029	1/10	9.3	377
677129	1/10	9.3	377
680129	1/20	9.3	390
680204	1/35	9.3	348
680329	1/70	9.3	348
680401	1/70	9.3	347
680602	2/140	9.3	348
680603	2/140	9.3	348
680604	1/48	9.3	348
680732	1/4	9	353
681114	1/50	9	107, 352
681119	1/50	9	107, 352
681144	1/50	9	107, 352
681160	1/50	9	107, 352
681214	1/50	9	352
681219	1/50	9	352
681260	1/50	9	352
681315	1/50	9	174, 352
681319	1/50	9	174, 352
681329	1/50	9	174, 352
681344	1/50	9	174, 352
681346	1/50	9	174, 352
681360	1/50	9	174, 352
681369	1/50	9	174, 352
681378	1/50	9	174, 352
681382	1/50	9	174, 352
681388	1/50	9	174, 352
681415	1/50	9	352
681419	1/50	9	352
681429	1/50	9	352
681444	1/50	9	352
681446	1/50	9	352
681460	1/50	9	352
681469	1/50	9	352
681478	1/50	9	352
681482	1/50	9	352
681488	1/50	9	352
681799	1/30	9	351
681829	1/35	9.3	352
681929	1/70	9.3	353
682191	1/25	9.3	373
682192	1/25	9.3	373
682291	1/25	9.3	391
682292	1/25	9.3	392
682590	1/6	9	396
682591	1/6	9	396
682592	1/10	9	396
682593	1/10	9	396
682991	1/25	9.3	374
683090	1/2	9	392
683091	1/8	9	393
683092	1/8	9	393
683093	1/52	9	393
683129	1/21	9.3	346
683329	1/21	9.3	346
683429	1/21	9.3	346
683729	1/16	9.3	346
683829	1/16	9.3	347
683890	1/10	9.3	347
683901	1/10	9.3	347
686019	1/50	9	107, 352

Art. no.	PU	PG	Page
686025	1/50	9	107, 352
686044	1/50	9	107, 352
689701	50/2500	9	349
689702	50/2500	9	349
689801	5/50	9	349
689901	5/500	9	349
689902	5/500	9	349
689903	5/500	9	349
690098	10/300	9	349
690099	1/50	9	348
690299	1/50	9	348
690599	1/70	9.3	350
693003	1/60	9.3	404
693004	1/15	9.3	404

Art. no.	PU	PG	Page

Art. no.	PU	PG	Page

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491012/04.07/5.RA

Subject to technical modifications.