

Summary Pricelist

01-2018

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All deliveries according to our general terms and conditions.

This pricelist is effective from 1st Mar. 2018.

With the publication all previous pricelists become invalid. Information about our current pricelist may also be found on our homepage.

Pictures may deviate.

1 KNX quick Products

1.1 KNX quick Switching Actuators 16A C load



switching actuator 2 fold, C load, KNX quick

- 2 channels for 2 independent load circuits
- switching capacity per channel: 16A 250VAC, suitable for C load
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A2F16-Q  4 260049 685095	KNX quick switching actuator 2 fold	3	Q79231	115,00	1



switching actuator 4 fold, C load, KNX quick

- 4 channels for 4 independent load circuits
- switching capacity per channel: 16A 250VAC, suitable for C load
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A4F16-Q  4 260049 685101	KNX quick switching actuator 4 fold	4	Q79232	136,00	1



switching actuator 6 fold, C load, KNX quick

- 6 channels for 6 independent load circuits
- switching capacity per channel: 16A 250VAC, suitable for C load
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A6F16-Q  4 260049 685125	KNX quick switching actuator 6 fold	6	Q79234	174,00	1



switching actuator 9 fold, C load, KNX quick

- 9 channels for 9 independent load circuits
- switching capacity per channel: 16A 250VAC, suitable for C load
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A9F16-Q  4 260049 685132	KNX quick switching actuator 9 fold	9	Q79235	199,00	1



switching actuator 4 fold, C load, KNX quick

- 4 channels for 4 independent load circuits
- blinking and staircase function (10sec. – 20min.)
- switching capacity per channel: 16A 250VAC, suitable for C load
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A4F16-QT  4 260049 685118	KNX quick switching actuator 4 fold, with staircase function	4	Q79233	159,00	1

1.2 KNX quick Switching Actuators 16A



switching actuator 3 fold, KNX quick

- 3 channels for 3 independent load circuits
- switching capacity per channel: 16A 250VAC, pure ohmic load
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
AH3F16-Q  4 260049 687037	KNX quick switching actuator 3 fold	3	Q79236	114,00	1



switching actuator 5 fold, KNX quick

- 5 channels for 5 independent load circuits
- switching capacity per channel: 16A 250VAC, pure ohmic load
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
AH5F16-Q  4 260049 687044	KNX quick switching actuator 5 fold	4	Q79237	135,00	1



switching actuator 9 fold, KNX quick

- 9 channels for 9 independent load circuits
- switching capacity per channel: 16A 250VAC, pure ohmic load
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
AH9F16-Q  4 260049 687051	KNX quick switching actuator 9 fold	6	Q79238	160,00	1

1.3 KNX quick Dimmers

dimmer 4 fold, 570W, KNX quick



- 4 channels for 4 independent load circuits
- for dimmable LEDs
- for dimmable energy saving lamps
- flicker-free dimming range 0-100%
- dimming capacity per channel: 2,5A 250VAC 570W
- 2 channels combinable (AB and CD) for 1000W loads
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
DIM4FU-2-FW-Q  4 260049 685033	KNX quick universal dimming actuator 4 fold, 4x2,5A / 570W	12	Q77601	565,00	1

in preparation
3Q 2018

1-10V interface 4 fold, KNX quick

- 4 channels for 4 independent load circuits
- switching capacity per channel: 16A 250VAC, pure ohmic load
- 1-10V control output per channel: max. 20 loads
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
DIM4F110-Q	KNX quick 1-10V interface 4fold	4			1

1.4 KNX quick Blind / Shutter Actuators



blind / shutter actuator 2 fold, KNX quick

- 2 channels for 2 independent electrical drives
- switching capacity per channel: 6A 250VAC
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
J2F6-Q  4 260049 685156	KNX quick blind / shutter actuator 2f	3	Q79431	140,00	1



blind / shutter actuator 4 fold, KNX quick

- 4 channels for 4 independent electrical drives
- switching capacity per channel: 6A 250VAC
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
J4F6-Q  4 260049 685163	KNX quick blind / shutter actuator 4f	4	Q79432	188,00	1



blind / shutter actuator 6 fold, KNX quick

- 6 channels for 6 independent electrical drives
- switching capacity per channel: 6A 250VAC
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
J6F6-Q  4 260049 685187	KNX quick blind / shutter actuator 6f	6	Q79434	241,00	1



blind / shutter actuator 4 fold, KNX quick

- 4 channels for 4 independent electrical drives
- blind / shutter mode individually selectable per channel
- switching capacity per channel: 6A 250VAC
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
J4F6-QA  4 260049 685170	KNX quick blind / shutter actuator 4f, mode individually selectable	4	Q79433	209,00	1

1.5 KNX quick Binary Inputs / Binary Outputs



binary input / binary output 4 fold, KNX quick

- inputs for dry contacts
- max. cable length 100m
- switching capacity per channel: 16A 250VAC, suitable for C load
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA4FK16-Q 4 260049 686443	KNX quick binary input / binary output 4 fold, for dry contacts	6	Q79243	158,00	1



binary input / binary output 4 fold, KNX quick

- 230VAC inputs
- switching capacity per channel: 16A 250VAC, suitable for C load
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA4F230-Q 4 260049 686450	KNX quick binary input / binary output 4 fold, signal voltage 230V	6	Q79244	158,00	1



binary input / binary output 4 fold, KNX quick

- 24V AC/DC inputs
- switching capacity per channel: 16A 250VAC, suitable for C load
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA4F24-Q 4 260049 687013	KNX quick binary input / binary output 4 fold, signal voltage 24V	6	Q79246	158,00	1

binary input / binary output 8 fold, KNX quick



- inputs for dry contacts
- max. cable length 100m
- switching capacity per channel: 16A 250VAC, suitable for C load
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA8FK16-Q  4 260049 685149	KNX quick binary input / binary output 8 fold, for dry contacts	9	Q79241	245,00	1

binary input / binary output 8 fold, KNX quick



- 230VAC inputs
- switching capacity per channel: 16A 250VAC, suitable for C load
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA8F230-Q  4 260049 686436	KNX quick binary input / binary output 8 fold, signal voltage 230V	9	Q79242	245,00	1

binary input / binary output 8 fold, KNX quick



- 24V AC/DC inputs
- switching capacity per channel: 16A 250VAC, suitable for C load
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA8F24-Q  4 260049 687020	KNX quick binary input / binary output 8 fold, signal voltage 24V	9	Q79245	245,00	1

1.6 KNX quick Binary Inputs



binary input 4 fold, KNX quick

- inputs for dry contacts
- max. cable length 100m
- functions: switching (off, on), dimming (darker, brighter), blind / shutter control (down, up)
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BE4FK-Q  4 260049 685194	KNX quick binary input 4 fold, for dry contacts	4	Q79531	138,00	1



binary input 4 fold, KNX quick

- 230VAC inputs
- functions: switching (off, on), dimming (darker, brighter), blind / shutter control (down, up)
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BE4F230-Q  4 260049 685200	KNX quick binary input 4 fold, signal voltage 230V	4	Q79532	141,00	1

1.7 KNX quick Flush Mount Bus Coupling Units and Sensors



flush mount bus coupling unit, KNX quick

- suitable for frames of various manufacturers
- 8 integrated inputs for dry contacts
- 8 integrated outputs for LEDs
- functions: switching (all off, off, on, toggle), dimming (darker, brighter, darker/brighter), blind / shutter control (down, up, down/up), heating (with external 2 way controller)
- separate wires for input and output connection
- wires for outputs have to be ordered separately
- suitable for sensors in pluggable cover (87190, 87191, 87192)
- for suitable cover frames see 8.3
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
UPB8FL-2-QU-60/60  4 260049 687242	flush mount bus coupling unit with 8 inputs and 8 outputs separate wires for 8 inputs length 60cm	-	Q87162	83,00	1
UPB8FL-2-QU-20/30  4 260049 687259	flush mount bus coupling unit with 8 inputs and 8 outputs separate wires for 4 inputs length 20cm and 4 inputs length 30cm	-	Q87163	81,50	1



separate wire cable sets

- suitable for bus coupling units Q87162 and Q87163
- for channels A,B,C,D: black, brown, red, orange yellow
- for channels E,F,G,H: black, green, blue, violet, grey

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EAKAB-ABCD-20 4 260049 687297	separate wire cable set for channels A,B,C,D length 20cm	-	87180	3,40	1
EAKAB-ABCD-30 4 260049 687303	separate wire cable set for channels A,B,C,D length 30cm	-	87181	3,60	1
EAKAB-ABCD-60 4 260049 687310	separate wire cable set for channels A,B,C,D length 60cm	-	87182	4,30	1
EAKAB-EFGH-20 4 260049 687327	separate wire cable set for channels E,F,G,H length 20cm	-	87183	3,40	1
EAKAB-EFGH-30 4 260049 687334	separate wire cable set for channels E,F,G,H length 30cm	-	87184	3,60	1
EAKAB-EFGH-60 4 260049 687341	separate wire cable set for channels E,F,G,H length 60cm	-	87185	4,30	1



temperature- and humidity sensor integrated in pluggable cover

- temperature range -40°C ... 120°C
- relative humidity range 0% ... 100%
- standard cover 55x55mm
- suitable for frames of various manufacturers
- fits into bus coupling units Q87162 and Q87163
- flush mount bus coupling unit has to be ordered separately
- colours: similar to pure white RAL 9010, anthracite, aluminium white
- for suitable cover frames see 8.3

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
ALTF55-RW  4 260049 687266	temperature and humidity sensor in pluggable cover 55x55, white	-	87190	13,40	1
ALTF55-AZ  4 260049 687273	temperature and humidity sensor in pluggable cover 55x55, anthracite	-	87191	17,50	1
ALTF55-WA  4 260049 687280	temperature and humidity sensor in pluggable cover 55x55, aluminium white	-	87192	17,50	1

1.8 KNX quick Push Button Interfaces



push button interface 2 fold, KNX quick

- for single rocker
- functions: all off, switching, dimming, blind / shutter control
- inputs for dry contacts
- with system connector
- suitable for flush mount extension modules 87801 - 87804 (further products with system connector on request)
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS2F-1-QW  4 260049 685040	KNX quick push button interface for single rocker with system connector	-	Q77890	45,00	1



push button interface 4 fold, KNX quick

- for double rocker
- functions: all off, switching, dimming, blind / shutter control
- inputs for dry contacts
- with system connector
- suitable for flush mount extension modules 87801 - 87804 (further products with system connector on request)
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS4F-1-QW  4 260049 685057	KNX quick push button interface for double rocker with system connector	-	Q77891	52,00	1



deviating picture

push button interface 8 fold, KNX quick

- for 2x double rocker
- functions: all off, switching, dimming, blind / shutter control
- inputs for dry contacts
- with system connector
- suitable for flush mount extension modules 87801 - 87804 (further products with system connector on request)
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS8F-1-QW  4 260049 686405	KNX quick push button interface for 2x double rocker with system connector	-	Q77894	62,00	1



push button interface 2 fold with LEDs, KNX quick

- for single rocker
- functions: all off, switching, dimming, blind / shutter control
- inputs for dry contacts
- with system connector
- suitable for flush mount extension modules 87801 - 87804 (further products with system connector on request)
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS2FL-1-QW  4 260049 685064	KNX quick push button interface for single rocker with LEDs, with system connector	-	Q77892	48,00	1



push button interface 4 fold with LEDs, KNX quick

- for single rocker
- functions: all off, switching, dimming, blind / shutter control
- inputs for dry contacts
- with system connector
- suitable for flush mount extension modules 87801 - 87804 (further products with system connector on request)
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS4FL-1-QW  4 260049 685071	KNX quick push button interface for double rocker with LEDs, with system connector	-	Q77893	57,00	1



deviating picture

push button interface 4 fold, with separate wire connectors, KNX quick

- for double rocker
- functions: all off, switching, dimming, blind / shutter control
- inputs for dry contacts
- separate wires for input connection (20cm)
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS4F-2-QW  4 260049 686412	KNX quick push button interface for double rocker, with separate wires	-	Q77895	52,00	1



deviating picture

push button interface 4 fold with LEDs, with separate wire connectors, KNX quick

- for double rocker
- functions: all off, switching, dimming, blind / shutter control
- inputs for dry contacts
- separate wires for input connection (20cm)
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS4FL-2-QW  4 260049 686429	KNX quick push button interface for double rocker with LEDs, with separate wires	-	Q77896	57,00	1



push button interface 4 fold, for single button control, with separate wire connectors, KNX quick

- for single button control
- functions: switching (all off, off, on, toggle), dimming (darker, brighter, darker/brighter), blind / shutter control (down, up, down/up), heating (with external 2 way controller)
- inputs for dry contacts
- separate wires for input connection (20cm)
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS4F-2-QU  4 260049 686375	KNX quick push button interface for 4 single buttons, with separate wires	-	Q77880	52,00	1



push button interface 8 fold, for single button control, with separate wire connectors, KNX quick

- for single button control
- functions: switching (all off, off, on, toggle), dimming (darker, brighter, darker/brighter), blind / shutter control (down, up, down/up), heating (with external 2 way ctrl.)
- inputs for dry contacts
- separate wires for input connection (20cm)
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS8F-2-QU  4 260049 686399	KNX quick push button interface for 8 single buttons, with separate wires	-	Q77882	62,00	1



push button interface 4 fold with LEDs, for single button control, with separate wire connectors, KNX quick

- for single button control
- functions: switching (all off, off, on, toggle), dimming (darker, brighter, darker/brighter), blind / shutter control (down, up, down/up), heating (with external 2 way ctrl.)
- inputs for dry contacts
- separate wires for input and output connection (20cm)
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS4FL-2-QU  4 260049 686382	KNX quick push button interface for 4 single buttons with LEDs, with separate wires	-	Q77881	57,00	1



deviating picture

push button interface 4 fold, for single buttons, blind / shutter wind alarm, with separate wire connectors, KNX quick

- for single button control
- functions: switching (all off, off, on, toggle), dimming (darker, brighter, darker/brighter), blind / shutter control (down, up, down/up), blind / shutter wind alarm (with external alarm device)
- inputs for dry contacts
- separate wires for input connection (20cm)
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS4FJ-2-QU  4 260049 687358	KNX quick push button interface for 4 single buttons, blind / shutter wind alarm, with separate wires	-	Q77883	52,00	1

2 KNX eco+ Products

2.1 KNX eco+ Switching Actuators 16A C Load



switching actuator 2 fold, C load

- 2 channels for 2 independent load circuits
- manual operation for each channel
- time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- switching capacity per channel: 16A 250VAC, C load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A2F16H-E 4 260049 684937	KNX eco+ switching actuator 2f, m. o.	3	79231	115,00	1



switching actuator 4 fold, C load

- 4 channels for 4 independent load circuits
- manual operation for each channel
- time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- switching capacity per channel: 16A 250VAC, C load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A4F16H-E 4 260049 684944	KNX eco+ switching actuator 4f, m. o.	4	79232	136,00	1



switching actuator 6 fold, C load

- 6 channels for 6 independent load circuits
- manual operation for each channel
- time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- switching capacity per channel: 16A 250VAC, C load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A6F16H-E 4 260049 684951	KNX eco+ switching actuator 6f, m. o.	6	79234	174,00	1

switching actuator 9 fold, C load



- 9 channels for 9 independent load circuits
- manual operation for each channel
- time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- switching capacity per channel: 16A 250VAC, C load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A9F16H-E  4 260049 684968	KNX eco+ switching actuator 9f, m. o.	9	79235	199,00	1

2.2 KNX eco+ Switching Actuators 16A



switching actuator 3 fold

- 3 channels for 3 independent load circuits
- manual operation for each channel
- time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- switching capacity per channel: 16A 250VAC, pure ohmic load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
AH3F16H-E  4 260049 686986	KNX eco+ switching actuator 3 fold, manual operation	3	79236	114,00	1



switching actuator 5 fold

- 5 channels for 5 independent load circuits
- manual operation for each channel
- time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- switching capacity per channel: 16A 250VAC, pure ohmic load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
AH5F16H-E  4 260049 686993	KNX eco+ switching actuator 5 fold, manual operation	4	79237	135,00	1



switching actuator 9 fold

- 9 channels for 9 independent load circuits
- manual operation for each channel
- time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- switching capacity per channel: 16A 250VAC, pure ohmic load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
AH9F16H-E  4 260049 687006	KNX eco+ switching actuator 9 fold, manual operation	6	79238	160,00	1

2.3 KNX eco+ Dimmers

in preparation
3Q 2018

1-10V interface 4 fold

- 4 channels for 4 independent load circuits
- switching capacity per channel: 16A 250VAC, pure ohmic load
- 1-10V control output per channel: max. 20 loads

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
DIM4F110-E	KNX eco+ 1-10V interface 4fold	4			1

2.4 KNX eco+ Blind / Shutter Actuators



blind / shutter actuator 2 fold

- 2 channels for 2 independent electrical drives
- manual operation for each channel
- time functions, positions, scenes (8), alarm function, inhibit function, status
- switching capacity per channel: 6A 250VAC

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
J2F6H-E  4 260049 684982	KNX eco+ blind / shutter actuator 2 fold, manual operation	3	79431	140,00	1



blind / shutter actuator 4 fold

- 4 channels for 4 independent electrical drives
- manual operation for each channel
- time functions, positions, scenes (8), alarm function, inhibit function, status
- switching capacity per channel: 6A 250VAC

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
J4F6H-E  4 260049 684999	KNX eco+ blind / shutter actuator 4 fold, manual operation	4	79432	188,00	1



blind / shutter actuator 6 fold

- 6 channels for 6 independent electrical drives
- manual operation for each channel
- time functions, positions, scenes (8), alarm function, inhibit function, status
- switching capacity per channel: 6A 250VAC

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
J6F6H-E  4 260049 685002	KNX eco+ blind / shutter actuator 6 fold, manual operation	6	79434	241,00	1

2.5 KNX eco+ Binary Inputs / Binary Outputs



binary input / binary output 4 fold

- inputs for dry contacts
- max. cable length 100m
- manual operation for each output channel
- input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- output functions: time functions, logical functions, status, scenes (8)
- switching capacity per channel: 16A 250VAC, suitable for C load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA4FK16H-E  4 260049 682308	KNX eco+ binary input / binary output 4 fold, for dry contacts, man. op.	6	79243	158,00	1



binary input / binary output 4 fold

- 230VAC inputs
- manual operation for each output channel
- input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- output functions: time functions, logical functions, status, scenes (8)
- switching capacity per channel: 16A 250VAC, suitable for C load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA4F230H-E  4 260049 682315	KNX eco binary input / binary output 4 fold, signal voltage 230V, man. op.	6	79244	158,00	1



binary input / binary output 4 fold

- 24V AC/DC inputs
- manual operation for each output channel
- input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- output functions: time functions, logical functions, status, scenes (8)
- switching capacity per channel: 16A 250VAC, suitable for C load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA4F24H-E  4 260049 686962	KNX eco+ binary input / binary output 4 fold, signal voltage 24V, man. op.	6	79246	158,00	1

binary input / binary output 8 fold



- inputs for dry contacts
- max. cable length 100m
- manual operation for each output channel
- input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- output functions: time functions, logical functions, status, scenes (8)
- switching capacity per channel: 16A 250VAC, suitable for C load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA8FK16H-E  4 260049 684975	KNX eco+ binary input / binary output 8 fold, for dry contacts, man. op.	9	79241	245,00	1

binary input / binary output 8 fold



- 230VAC inputs
- manual operation for each output channel
- input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- output functions: time functions, logical functions, status, scenes (8)
- switching capacity per channel: 16A 250VAC, suitable for C load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA8F230H-E  4 260049 682292	KNX eco+ binary input / binary output 8 fold, signal voltage 230V, man. op.	9	79242	245,00	1

binary input / binary output 8 fold



- 24V AC/DC inputs
- manual operation for each output channel
- input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- output functions: time functions, logical functions, status, scenes (8)
- switching capacity per channel: 16A 250VAC, suitable for C load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BEA8F24H-E  4 260049 686979	KNX eco+ binary input / binary output 8 fold, signal voltage 24V, man. op.	9	79245	245,00	1

2.6 KNX eco+ Binary Inputs



binary input 4 fold

- inputs for dry contacts
- max. cable length 100m
- switching, dimming, blind / shutter control, values, counters

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BE4FK-E  4 260049 685019	KNX eco+ binary input 4 fold, for dry contacts	4	79531	138,00	1



binary input 4 fold

- 230VAC inputs
- switching, dimming, blind / shutter control, values, counters

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BE4F230-E  4 260049 685026	KNX eco+ binary input 4 fold, signal voltage 230V	4	79532	141,00	1

2.7 KNX eco+ Flush Mount Bus Coupling Units and Sensors



flush mount bus coupling unit

- suitable for frames of various manufacturers
- 8 integrated inputs for dry contacts
- 8 integrated outputs for LEDs
- input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- output functions: time functions, logical functions, status, scenes (8)
- separate wires for input and output connection
- wires for outputs have to be ordered separately
- suitable for sensors in pluggable cover (87190, 87191, 87192)
- for suitable cover frames see 8.3

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
UPB8FL-2-E-60/60 4 260049 687228	flush mount bus coupling unit with 8 inputs and 8 outputs separate wires for 8 inputs length 60cm	-	87162	83,00	1
UPB8FL-2-E-20/30 4 260049 687235	flush mount bus coupling unit with 8 inputs and 8 outputs separate wires for 4 inputs length 20cm and 4 inputs length 30cm	-	87163	81,50	1



flush mount bus coupling unit

- suitable for frames of various manufacturers
- suitable for temperature and humidity sensor in pluggable cover (87190, 87191, 87192)
- for suitable cover frames see 8.3

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
UPB-E 4 260049 687211	flush mount bus coupling unit for temperature and humidity sensor	-	87161	74,60	1



separate wire cable sets

- suitable for bus coupling units 87162 and 87163
- for channels A,B,C,D: black, brown, red, orange yellow
- for channels E,F,G,H: black, green, blue, violet, grey

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EAKAB-ABCD-20  4 260049 687297	separate wire cable set for channels A,B,C,D length 20cm	-	87180	3,40	1
EAKAB-ABCD-30  4 260049 687303	separate wire cable set for channels A,B,C,D length 30cm	-	87181	3,60	1
EAKAB-ABCD-60  4 260049 687310	separate wire cable set for channels A,B,C,D length 60cm	-	87182	4,30	1
EAKAB-EFGH-20  4 260049 687327	separate wire cable set for channels E,F,G,H length 20cm	-	87183	3,40	1
EAKAB-EFGH-30  4 260049 687334	separate wire cable set for channels E,F,G,H length 30cm	-	87184	3,60	1
EAKAB-EFGH-60  4 260049 687341	separate wire cable set for channels E,F,G,H length 60cm	-	87185	4,30	1



temperature- and humidity sensor integrated in pluggable cover

- temperature range -40°C ... 120°C
- relative humidity range 0% ... 100%
- standard cover 55x55mm
- suitable for frames of various manufacturers
- fits into bus coupling units 87162 and 87163
- flush mount bus coupling unit has to be ordered separately
- colours: similar to pure white RAL 9010, anthracite, aluminium white
- for suitable cover frames see 8.3

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
ALTF55-RW  4 260049 687266	temperature and humidity sensor in pluggable cover 55x55, pure white	-	87190	13,40	1
ALTF55-AZ  4 260049 687273	temperature and humidity sensor in pluggable cover 55x55, anthracite	-	87191	17,50	1
ALTF55-WA  4 260049 687280	temperature and humidity sensor in pluggable cover 55x55, aluminium white	-	87192	17,50	1

2.8 KNX eco+ Push Button Interfaces



push button interface 4 fold, with separate wire connectors

- for single button control and rockers
- input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- output functions: time functions, logical functions, status, scenes (8)
- inputs for dry contacts
- separate wires for input connection (20cm)

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS4F-2-E  4 260049 682322	KNX eco+ push button interface with 4 inputs with separate wires	-	79880	52,00	1



push button interface 8 fold, with separate wire connectors

- for single button control and rockers
- input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- output functions: time functions, logical functions, status, scenes (8), usable for logic
- inputs for dry contacts
- separate wires for input connection (20cm)

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS8F-2-E  4 260049 682346	KNX eco+ push button interface with 8 inputs with separate wires	-	79882	62,00	1



push button interface 4 fold with LEDs, with separate wire connectors

- for single button control and rockers
- input functions: switching (standard, press/release, short/long), dimming, blind / shutter, scene, inhibit
- output functions: time functions, logical functions, status, scenes (8)
- inputs for dry contacts
- separate wires for input connection (20cm)

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
TS4FL-2-E  4 260049 682339	KNX eco+ push button interface with 4 inputs and 4 outputs (LEDs) with separate wires	-	79881	57,00	1

3 KNX Standard Products

3.1 KNX Standard Switching Actuators

switching actuator 2x6 fold, C load



- 2x6 channels for 12 independent load circuits
- manual operation of relays without KNX bus power
- time functions, logical functions, status
- switching capacity per channel: 16A 250VAC, C load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A2X6F16H  4 260049 680083	KNX std. switching actuator 2x6f, manual operation	12	89200	295,00	1

switching actuator 2x6 fold, C load, 2nd generation



- 2x6 channels for 12 independent load circuits
- manual operation of relays without KNX bus power
- time functions, logical functions, status, scenes (32),
announce function, inhibit function, hour meter
- switching capacity per channel: 16A 250VAC, C load

deviating picture

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A2X6F16H-2  4 260049 686320	KNX std. switching actuator 2x6f, manual operation, 2nd generation	12	89204	295,00	1

switching actuator 6 fold, C load



- 6 channels for 6 independent load circuits
- manual operation of relays without KNX bus power
- time functions, logical functions, status
- switching capacity per channel: 16A 250VAC, C load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A6F16H  4 260049 680120	KNX std. switching actuator 6f, manual operation	6	89201	195,00	1



deviating picture

switching actuator 6 fold, C load, 2nd generation

- 6 channels for 6 independent load circuits
- manual operation of relays without KNX bus power
- time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- switching capacity per channel: 16A 250VAC, C load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
A6F16H-2  4 260049 686337	KNX std. switching actuator 6f, manual operation, 2nd generation	6	89205	195,00	1



switching actuator 6 fold, C load, with KNX PSU

- KNX power supply including choke, 640mA
- 6 channels for 6 independent load circuits
- manual operation of relays without KNX bus power
- time functions, logical functions, status
- switching capacity per channel: 16A 250VAC, suitable for C load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
NTA6F16H  4 260049 680090	KNX std. switching actuator 6 fold with KNX PSU, manual operation	12	89210	290,00	1



deviating picture

switching actuator 6 fold, C load, with KNX PSU, 2nd generation

- KNX power supply including choke, 640mA
- 6 channels for 6 independent load circuits
- manual operation of relays without KNX bus power
- time functions, logical functions, status, scenes (32), announce function, inhibit function, hour meter
- switching capacity per channel: 16A 250VAC, suitable for C load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
NTA6F16H-2  4 260049 686344	KNX std. switching actuator 6 fold with KNX PSU, manual operation, 2nd generation	12	89212	290,00	1

switching actuator 6 fold, C load, with KNX PSU, with USB interface



- KNX power supply including choke, 640mA
- USB interface for KNX bus setup
- 6 channels for 6 independent load circuits
- manual operation of relays without KNX bus power
- time functions, logical functions, status
- switching capacity per channel: 16A 250VAC, suitable for C load

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
NTA6F16H+USB  4 260049 680397	KNX std. switching actuator 6 fold with KNX PSU, manual operation, with USB	12	89221	435,00	1

switching actuator 6 fold, C load, with KNX PSU, with USB interface, 2nd generation



- KNX power supply including choke, 640mA
- USB interface for KNX bus setup
- manual operation of relays without KNX bus power
- time functions, logical functions, status, scenes (32),
announce function, inhibit function, hour meter
- switching capacity per channel: 16A 250VAC, suitable for
C load

deviating picture

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
NTA6F16H+USB-2  4 260049 686351	KNX std. switching actuator 6 fold with KNX PSU, manual operation, with USB, 2nd generation	12	89222	435,00	1

3.2 KNX Standard Dimmers

dimmer 4 fold, 570W



- 4 channels for 4 independent load circuits
- for dimmable LEDs
- for dimmable energy saving lamps
- flicker-free dimming range 0-100%
- energy meter for each channel
- dimming capacity per channel: 2,5A 250VAC 570W
- 2 channels (AB and CD) combinable for 1000W loads

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
DIM4FU-2-FW  4 260049 682445	KNX std. universal dimming actuator 4 fold, 4x2,5A / 570W	12	87601	565,00	1

3.3 KNX Standard Blind / Shutter Actuators

blind / shutter actuator 4 fold



- 4 channels for 4 independent electrical drives
- manual operation without KNX bus power
- time functions, positions
- switching capacity per channel: 6A 250VAC

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
J4F6H  4 260049 680168	KNX std. blind / shutter act. 4f, m. op.	6	89400	205,00	1

blind / shutter actuator 4 fold, 2nd generation



- 4 channels for 4 independent electrical drives
- manual operation without KNX bus power
- time functions, positions, scenes (8), alarm function, inhibit function, status
- switching capacity per channel: 6A 250VAC

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
J4F6H-2  4 260049 680847	KNX std. blind / shutter act. 4f, m. op.	6	89420	215,00	1



blind / shutter actuator 6 fold

- 6 channels for 6 independent electrical drives
- manual operation without KNX bus power
- time functions, positions
- switching capacity per channel: 6A 250VAC

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
J6F6H  4 260049 680151	KNX std. blind / shutter act. 6f, m. op.	6	89401	245,00	1



blind / shutter actuator 6 fold, 2nd generation

- 6 channels for 6 independent electrical drives
- manual operation without KNX bus power
- time functions, positions, scenes (8), alarm function, inhibit function, status
- switching capacity per channel: 6A 250VAC

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
J6F6H-2  4 260049 680854	KNX std. blind / shutter act. 6f, m. op.	6	89421	255,00	1

3.4 KNX Standard Binary Inputs



binary input 9 fold

- inputs for dry contacts
- max. cable length 100m
- switching, dimming, blind / shutter control, values, counters

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BE9FK 4 260049 680267	KNX std. binary input 9 fold, for dry contacts	6	89501	205,00	1



binary input 9 fold

- 230VAC inputs
- switching, dimming, blind / shutter control, values, counters

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BE9F230 4 260049 680519	KNX std. binary input 9 fold, signal voltage 230V	6	89505	205,00	1



binary input 9 fold

- 24V AC/DC inputs
- switching, dimming, blind / shutter control, values, counters

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BE9F24 4 260049 680526	KNX std. binary input 9 fold, signal voltage 24V	6	89506	205,00	1

4 KNX System Devices

4.1 KNX Power Supplies



KNX power supply 640mA

- made in China
- with integrated choke
- bus voltage output via bus connectors
- separate auxiliary voltage output via screw terminals

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
NT640-3  4 260049 687075	KNX power supply 640mA	3	88409	110,00	1



KNX power supply 640mA

- with integrated choke
- bus voltage output via bus connectors
- separate auxiliary voltage output via auxiliary connector

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
NT640-43  4 260049 687082	KNX power supply 640mA	4	88415	220,00	1



KNX power supply 320mA

- with integrated choke
- bus voltage output via bus connectors
- separate auxiliary voltage output via auxiliary connector

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
NT320-43  4 260049 687099	KNX power supply 320mA	4	88416	185,00	1

4.2 KNX Line Coupler / Backbone Coupler



KNX line coupler / backbone coupler

- for connection of independent bus lines (for TP only)
- connection via bus connectors

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
LK2-2  4 260049 680298	KNX line coupler / backbone coupler	2	88502	249,00	1

4.3 KNX Interfaces



KNX USB interface

- power supply via KNX bus

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
COMUSB-REG-1  4 260049 684906	KNX standard USB interface	1	89340	190,00	1



KNX IP interface

- power supply via KNX bus

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
COMIP-REG-1  4 260049 687068	KNX standard IP interface	1	87341	199,00	1



KNX bus connectors

- colours red / black for KNX bus
- colours yellow / white for auxiliary voltage
- package unit: 50 pieces

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
AK-1  4 260049 688041	KNX bus connector red/black (50 pcs.)	-	88322	26,50	1
AK-2  4 260049 688058	KNX bus connector yellow/white (50 pcs.)	-	88323	26,50	1

5 KNX Sensors

5.1 KNX Temperature Sensors



**damp environment temperature sensor,
KNX standard and KNX quick**

- with integrated KNX bus coupling unit, KNX quick included
- protection class IP65
- temperature range -55 to +125°C
- programmable via ETS with coding switches set to 0
- 4 independent switching thresholds (ETS prog. only)

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
FRF99-FW  4 260049 680915	KNX DIGITEMP damp environment temp. sensor	-	87120	155,00	2



**indoor temperature sensor,
KNX standard and KNX quick**

- with integrated KNX bus coupling unit, KNX quick included
- temperature range -55 to +125°C
- programmable via ETS with coding switches set to 0
- 4 independent switching thresholds (ETS prog. only)

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
RTF99-FW  4 260049 680908	KNX DIGITEMP indoor temperature sensor	-	87140	125,00	2



**pipe mounting temperature sensor,
KNX standard and KNX quick**

- with integrated KNX bus coupling unit, KNX quick included
- protection class IP65
- temperature range -55 to +125°C
- programmable via ETS with coding switches set to 0
- 4 independent switching thresholds (ETS prog. only)

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
ANF99-FW  4 260049 680922	KNX DIGITEMP pipe mounting temperature sensor	-	87130	155,00	2



**duct temperature sensor,
KNX standard and KNX quick**

- with integrated KNX bus coupling unit, KNX quick included
- protection class IP65
- temperature range -55 to +125°C
- programmable via ETS with coding switches set to 0
- 4 independent switching thresholds (ETS prog. only)

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
KTF99-135-FW  4 260049 680939	KNX DIGITEMP duct temperature sensor, sensor length 135mm	-	87101	163,00	2
KTF99-240-FW  4 260049 680946	KNX DIGITEMP duct temperature sensor, sensor length 240mm	-	87102	173,00	2
KTF99-392-FW  4 260049 680953	KNX DIGITEMP duct temperature sensor, sensor length 392mm	-	87103	183,00	2



**cable temperature sensor,
KNX standard and KNX quick**

- with integrated KNX bus coupling unit, KNX quick included
- temperature range -55 to +125°C
- programmable via ETS with coding switches set to 0
- 4 independent switching thresholds (ETS prog. only)

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
LTF02-1m-FW  4 260049 680960	KNX DIGITEMP cable temperature sensor, cable length 1m	-	87104	163,00	2
LTF02-3m-FW  4 260049 680977	KNX DIGITEMP cable temperature sensor, cable length 3m	-	87105	173,00	2

6 KNX Smart Metering Products

6.1 KNX Electricity Meters



EMU standard KNX DIN RAIL electricity meter, direct measurement,

KNX standard and KNX quick

- unidirectional 3 phase electricity meter
- active energy, active power, voltage, current, power factor, 4 tariffs
- max. 75A per phase
- with integrated KNX bus coupling unit, KNX quick included
- full FacilityWeb functionality
- price including calibration fee
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-EMU-DSTD-D-REG-FW 4 260049 682605	KNX electricity meter EMU standard, 3-phase, direct measurement	5	87765	279,00	4



EMU superior KNX DIN RAIL electricity meter, direct measurement,

KNX standard and KNX quick

- bidirectional 3 phase electricity meter
- active and reactive energy, active and reactive power, voltage, current, power factor, 4 tariffs
- max. 75A per phase
- 4 additional switching outputs
- with integrated KNX bus coupling unit, KNX quick included
- full FacilityWeb functionality
- price including calibration fee
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-EMU-DSUP-D-REG-FW 4 260049 682612	KNX electricity meter EMU superior, 3-phase, direct measurement	5	87766	319,00	4



**EMU standard KNX DIN RAIL electricity meter,
for current transformers,
KNX standard and KNX quick**

- unidirectional 3 phase electricity meter
- active energy, active power, voltage, current, power factor, 4 tariffs
- current transformer ratio selectable for 1A (max. 4000/1) and 5A (max. 20000/5)
- with integrated KNX bus coupling unit, KNX quick included
- full FacilityWeb functionality
- price including calibration fee
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-EMU-WSTD-D-REG-FW 4 260049 682629	KNX electricity meter EMU standard, 3-phase, for current transformers	5	87773	279,00	4



**EMU superior KNX DIN RAIL electricity meter,
for current transformers,
KNX standard and KNX quick**

- bidirectional 3 phase electricity meter
- active and reactive energy, active and reactive power, voltage, current, power factor, 4 tariffs
- current transformer ratio selectable for 1A (max. 4000/1) and 5A (max. 20000/5)
- 4 additional switching outputs
- with integrated KNX bus coupling unit, KNX quick included
- full FacilityWeb functionality
- price including calibration fee
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-EMU-WSUP-D-REG-FW 4 260049 682636	KNX electricity meter EMU superior, 3-phase, for current transformers	5	87774	319,00	4



EMU 1-phase KNX DIN RAIL electricity meter,

KNX standard und KNX quick

- unidirectional 1 phase electricity meter
- active energy, active power, voltage, current, power factor
- max. 32A
- KNX bus coupling unit in external 2RU DIN RAIL box,
- KNX quick included
- full FacilityWeb functionality
- price including calibration fee
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
EZ-EMU-1PH-D-REG-FW  4 260049 682490	KNX electricity meter EMU, 1-phase, direct measurement	3	87763	247,50	4



eHZ KNX interface (also for 3.HZ meters),

KNX standard und KNX quick

- suitable for domestic elec. meters of type eHZ
- also suitable for domestic elec. meters of type 3.HZ
- specifically designed for the german market
- several optical reading heads available
- KNX quick included
- full FacilityWeb functionality
- programmable via ETS with coding switches set to 0

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
BCU-EZ-EHZ-RJ10-OPT1-D-REG-FW  4 260049 682582	KNX eHZ interface with optical reading head	3	87798	198,00	4
BCU-EZ-EHZ-RJ10-D-REG-FW  4 260049 684722	KNX eHZ interface without optical reading head (for 87220, 87221, 87222)	3	87796	110,00	4



accessories for eHZ KNX interface

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
OPTO-FL  4 260049 684661	accessories for meters, optical reading head plain, with RJ10 connector,	-	87220	35,00	4
OPTO-AD  4 260049 684654	accessories for meters, adapter EasyMeter, for use with 87220	-	87210	5,00	4
OPTO-RD  4 260049 684678	accessories for meters, optical reading head round, with RJ10 connector, magnetic	-	87221	98,00	4
RJ10KAB  4 260049 684685	accessories for meters, data cable for meters with connector socket RJ10	-	87222	5,00	4

6.2 KNX Heat Meters



Kamstrup ultrasonic heat meter Multical 602, KNX standard and KNX quick

- electronic heat meter
- ultrasonic flow sensor
- two temperature sensors with 1,5m cable
- up to Qp 10 m³/h short direct sensor incl. nipple
- from Qp 15 m³/h pocket sensor incl. sensor pocket
- needs 230V supply
- including KNX bus coupling unit inside the meter
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
KAM-MC602		KNX heat meter Kamstrup Multical 602						
nominal flow Qp	DN	length	thread	mount position	temp. range	order no.	EUR / pc.*	PG
0,6 m ³ /h	DN15	110mm	G3/4	any	15-130°C	85921	450,00	5
1,5 m ³ /h	DN15	110mm	G3/4	any	15-130°C	85922	450,00	5
1,5 m ³ /h	DN15	165mm	G3/4	any	15-130°C	85923	487,00	5
0,6 m ³ /h	DN20	130mm	G1	any	15-130°C	85924	450,00	5
1,5 m ³ /h	DN20	130mm	G1	any	15-130°C	85925	450,00	5
1,5 m ³ /h	DN20	165mm	G1	any	15-130°C	85926	487,00	5
0,6 m ³ /h	DN20	190mm	G1	any	15-130°C	85927	487,00	5
1,5 m ³ /h	DN20	190mm	G1	any	15-130°C	85928	487,00	5
2,5 m ³ /h	DN20	190mm	G1	any	15-130°C	85929	487,00	5
3,5 m ³ /h	DN25	260mm	G1 1/4	any	15-130°C	85930	757,00	5
6 m ³ /h	DN25	260mm	G1 1/4	any	15-130°C	85931	842,00	5
10 m ³ /h	DN40	300mm	G2	any	15-130°C	85932	1055,00	5
15 m ³ /h	DN50	270mm	flange	any	15-130°C	85933	1445,00	5
25 m ³ /h	DN65	300mm	flange	any	15-130°C	85934	1782,00	5
40 m ³ /h	DN80	300mm	flange	any	15-130°C	85935	2182,00	5
60 m ³ /h	DN100	360mm	flange	any	15-130°C	85936	2760,00	5
100 m ³ /h	DN100	360mm	flange	any	15-130°C	85937	3783,00	5

note: product will be replaced by Kamstrup Multical 603.



Kamstrup ultrasonic heat and cooling meter MC602, KNX standard and KNX quick

- electronic heat and cooling meter
- ultrasonic flow sensor
- two temperature sensors with 1,5m cable
- up to Qp 10 m³/h short direct sensor incl. nipple
- from Qp 15 m³/h pocket sensor incl. sensor pocket
- needs 230V supply
- including KNX bus coupling unit inside the meter
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
KAM-MC602		KNX heat and cooling meter Kamstrup Multical 602						
nominal flow Qp	DN	length	thread	mount position	temp. range	order no.	EUR / pc.*	PG
0,6 m ³ /h	DN15	110mm	G3/4	any	15-130°C	84901	450,00	5
1,5 m ³ /h	DN15	110mm	G3/4	any	15-130°C	84902	450,00	5
1,5 m ³ /h	DN15	165mm	G3/4	any	15-130°C	84903	487,00	5
0,6 m ³ /h	DN20	130mm	G1	any	15-130°C	84904	450,00	5
1,5 m ³ /h	DN20	130mm	G1	any	15-130°C	84905	450,00	5
1,5 m ³ /h	DN20	165mm	G1	any	15-130°C	84906	487,00	5
0,6 m ³ /h	DN20	190mm	G1	any	15-130°C	84907	487,00	5
1,5 m ³ /h	DN20	190mm	G1	any	15-130°C	84908	487,00	5
2,5 m ³ /h	DN20	190mm	G1	any	15-130°C	84909	487,00	5
3,5 m ³ /h	DN25	260mm	G1 1/4	any	15-130°C	84910	757,00	5
6 m ³ /h	DN25	260mm	G1 1/4	any	15-130°C	84911	842,00	5
10 m ³ /h	DN40	300mm	G2	any	15-130°C	84912	1055,00	5
15 m ³ /h	DN50	270mm	flange	any	15-130°C	84913	1445,00	5
25 m ³ /h	DN65	300mm	flange	any	15-130°C	84914	1782,00	5
40 m ³ /h	DN80	300mm	flange	any	15-130°C	84915	2182,00	5
60 m ³ /h	DN100	360mm	flange	any	15-130°C	84916	2760,00	5
100 m ³ /h	DN100	360mm	flange	any	15-130°C	84917	3783,00	5

note: product will be replaced by Kamstrup Multical 603.



Kamstrup ultrasonic cooling meter Multical 602, KNX standard and KNX quick

- electronic cooling meter
- ultrasonic flow sensor
- two temperature sensors with 1,5m cable
- up to Qp 10 m³/h short direct sensor incl. nipple
- from Qp 15 m³/h pocket sensor incl. sensor pocket
- needs 230V supply
- including KNX bus coupling unit inside the meter
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
KAM-MC602		KNX cooling meter Kamstrup Multical 602						
nominal flow Qp	DN	length	thread	mount position	temp. range	order no.	EUR / pc.*	PG
0,6 m ³ /h	DN15	110mm	G3/4	any	1-50°C	84931	450,00	5
1,5 m ³ /h	DN15	110mm	G3/4	any	1-50°C	84932	450,00	5
1,5 m ³ /h	DN15	165mm	G3/4	any	1-50°C	84933	487,00	5
0,6 m ³ /h	DN20	130mm	G1	any	1-50°C	84934	450,00	5
1,5 m ³ /h	DN20	130mm	G1	any	1-50°C	84935	450,00	5
1,5 m ³ /h	DN20	165mm	G1	any	1-50°C	84936	487,00	5
0,6 m ³ /h	DN20	190mm	G1	any	1-50°C	84937	487,00	5
1,5 m ³ /h	DN20	190mm	G1	any	1-50°C	84938	487,00	5
2,5 m ³ /h	DN20	190mm	G1	any	1-50°C	84939	487,00	5
3,5 m ³ /h	DN25	260mm	G1 1/4	any	1-50°C	84940	757,00	5
6 m ³ /h	DN25	260mm	G1 1/4	any	1-50°C	84941	842,00	5
10 m ³ /h	DN40	300mm	G2	any	1-50°C	84942	1055,00	5
15 m ³ /h	DN50	270mm	flange	any	1-50°C	84943	1445,00	5
25 m ³ /h	DN65	300mm	flange	any	1-50°C	84944	1782,00	5
40 m ³ /h	DN80	300mm	flange	any	1-50°C	84945	2182,00	5
60 m ³ /h	DN100	360mm	flange	any	1-50°C	84946	2760,00	5
100 m ³ /h	DN100	360mm	flange	any	1-50°C	84947	3783,00	5

note: product will be replaced by Kamstrup Multical 603.



Kamstrup ultrasonic heat meter Multical 603, KNX standard and KNX quick

- electronic heat meter
- accuracy class 2
- MID approval according to DIN EN 1434
- ultrasonic flow sensor
- calculator detachable from flow sensor, wall mounting set included
- two temperature sensors with 1.5m cable
- up to Qp 6 m³/h short direct sensor incl. nipple
- from Qp 10 m³/h pocket sensor incl. sensor pocket
- needs 230V supply
- including KNX bus coupling unit inside the meter
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0
- other dimensions on request

product code		product designation						
KAM-MC603		KNX heat meter Kamstrup Multical 603						
nominal flow Qp	DN	length	thread	mount position	temp. range	order no.	EUR / pc.*	PG
0,6 m ³ /h	DN15	110mm	G3/4	any	15-130°C	84801	390,00	5
0,6 m ³ /h	DN20	190mm	G1	any	15-130°C	84802	428,00	5
1,5 m ³ /h	DN15	110mm	G3/4	any	15-130°C	84803	390,00	5
1,5 m ³ /h	DN15	165mm	G3/4	any	15-130°C	84804	428,00	5
1,5 m ³ /h	DN20	130mm	G1	any	15-130°C	84805	392,00	5
1,5 m ³ /h	DN20	190mm	G1	any	15-130°C	84806	428,00	5
2,5 m ³ /h	DN20	190mm	G1	any	15-130°C	84808	428,00	5
3,5 m ³ /h	DN25	260mm	G1 1/4	any	15-130°C	84809	651,00	5
6 m ³ /h	DN25	260mm	G1 1/4	any	15-130°C	84810	670,00	5
10 m ³ /h	DN40	300mm	G2	any	15-130°C	84811	870,00	5
15 m ³ /h	DN50	270mm	flange	any	15-130°C	84812	1099,00	5
25 m ³ /h	DN65	300mm	flange	any	15-130°C	84813	1337,00	5
40 m ³ /h	DN80	300mm	flange	any	15-130°C	84814	1660,00	5
60 m ³ /h	DN100	360mm	flange	any	15-130°C	84815	2376,00	5
100 m ³ /h	DN100	360mm	flange	any	15-130°C	84816	3255,00	5
100 m ³ /h	DN125	350mm	flange	any	15-130°C	84817	3497,00	5



Kamstrup ultrasonic heat and cooling meter Multical 603, KNX standard and KNX quick

- electronic heat and cooling meter
- accuracy class 2
- MID approval according to DIN EN 1434
- ultrasonic flow sensor
- calculator detachable from flow sensor, wall mounting set included
- two temperature sensors with 1.5m cable
- up to Qp 6 m³/h short direct sensor incl. nipple
- from Qp 10 m³/h pocket sensor incl. sensor pocket
- needs 230V supply
- including KNX bus coupling unit inside the meter
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0
- other dimensions on request

product code		product designation						
KAM-MC603		KNX heat and cooling meter Kamstrup Multical 603						
nominal flow Qp	DN	length	thread	mount position	temp. range	order no.	EUR / pc.*	PG
0,6 m ³ /h	DN15	110mm	G3/4	any	15-130°C	84821	390,00	5
0,6 m ³ /h	DN20	190mm	G1	any	15-130°C	84822	428,00	5
1,5 m ³ /h	DN15	110mm	G3/4	any	15-130°C	84823	390,00	5
1,5 m ³ /h	DN15	165mm	G3/4	any	15-130°C	84824	428,00	5
1,5 m ³ /h	DN20	130mm	G1	any	15-130°C	84825	392,00	5
1,5 m ³ /h	DN20	190mm	G1	any	15-130°C	84826	428,00	5
2,5 m ³ /h	DN20	190mm	G1	any	15-130°C	84828	428,00	5
3,5 m ³ /h	DN25	260mm	G1 1/4	any	15-130°C	84829	651,00	5
6 m ³ /h	DN25	260mm	G1 1/4	any	15-130°C	84830	670,00	5
10 m ³ /h	DN40	300mm	G2	any	15-130°C	84831	870,00	5
15 m ³ /h	DN50	270mm	flange	any	15-130°C	84832	1099,00	5
25 m ³ /h	DN65	300mm	flange	any	15-130°C	84833	1337,00	5
40 m ³ /h	DN80	300mm	flange	any	15-130°C	84834	1660,00	5
60 m ³ /h	DN100	360mm	flange	any	15-130°C	84835	2376,00	5
100 m ³ /h	DN100	360mm	flange	any	15-130°C	84836	3255,00	5
100 m ³ /h	DN125	350mm	flange	any	15-130°C	84837	3497,00	5



Kamstrup ultrasonic cooling meter Multical 603, KNX standard and KNX quick

- electronic cooling meter
- accuracy class 2
- MID approval according to DIN EN 1434
- ultrasonic flow sensor
- calculator detachable from flow sensor, wall mounting set included
- two temperature sensors with 1.5m cable
- up to Qp 6 m³/h short direct sensor incl. nipple
- from Qp 10 m³/h pocket sensor incl. sensor pocket
- needs 230V supply
- including KNX bus coupling unit inside the meter
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0
- other dimensions on request

product code		product designation						
KAM-MC603		KNX cooling meter Kamstrup Multical 603						
nominal flow Qp	DN	length	thread	mount position	temp. range	order no.	EUR / pc.*	PG
1,5 m ³ /h	DN15	110mm	G3/4	any	1-50°C	84843	390,00	5
1,5 m ³ /h	DN20	130mm	G1	any	1-50°C	84845	392,00	5
1,5 m ³ /h	DN20	190mm	G1	any	1-50°C	84846	428,00	5
2,5 m ³ /h	DN20	190mm	G1	any	1-50°C	84848	428,00	5
3,5 m ³ /h	DN25	260mm	G1 1/4	any	1-50°C	84849	651,00	5
6 m ³ /h	DN25	260mm	G1 1/4	any	1-50°C	84850	670,00	5
10 m ³ /h	DN40	300mm	G2	any	1-50°C	84851	870,00	5
15 m ³ /h	DN50	270mm	flange	any	1-50°C	84852	1099,00	5
25 m ³ /h	DN65	300mm	flange	any	1-50°C	84853	1337,00	5
40 m ³ /h	DN80	300mm	flange	any	1-50°C	84854	1660,00	5
60 m ³ /h	DN100	360mm	flange	any	1-50°C	84855	2376,00	5
100 m ³ /h	DN100	360mm	flange	any	1-50°C	84856	3255,00	5
100 m ³ /h	DN125	350mm	flange	any	1-50°C	84857	3497,00	5



Kamstrup ultrasonic heat meter Multical 403, KNX standard and KNX quick

- electronic heat meter
- accuracy class 2
- MID approval according to DIN EN 1434
- ultrasonic flow sensor
- compact meter, calculator not detachable
- two temperature sensors with 1.5m cable
- up to Qp 6 m³/h short direct sensor incl. nipple
- from Qp 10 m³/h pocket sensor incl. sensor pocket
- needs 230V supply
- including KNX bus coupling unit inside the meter
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
KAM-MC403		KNX heat meter Kamstrup Multical 403						
nominal flow Qp	DN	length	thread	mount position	temp. range	order no.	EUR / pc.*	PG
0,6 m ³ /h	DN15	110mm	G3/4	any	15-130°C	84701	294,00	5
0,6 m ³ /h	DN20	190mm	G1	any	15-130°C	84702	299,00	5
1,5 m ³ /h	DN15	110mm	G3/4	any	15-130°C	84703	294,00	5
1,5 m ³ /h	DN15	165mm	G3/4	any	15-130°C	84704	299,00	5
1,5 m ³ /h	DN20	130mm	G1	any	15-130°C	84705	299,00	5
1,5 m ³ /h	DN20	190mm	G1	any	15-130°C	84706	299,00	5
2,5 m ³ /h	DN20	130mm	G1	any	15-130°C	84707	299,00	5
2,5 m ³ /h	DN20	190mm	G1	any	15-130°C	84708	299,00	5
3,5 m ³ /h	DN25	260mm	G1 1/4	any	15-130°C	84709	445,00	5
6 m ³ /h	DN25	260mm	G1 1/4	any	15-130°C	84710	452,00	5
10 m ³ /h	DN40	300mm	G2	any	15-130°C	84711	697,00	5
6 m ³ /h	DN25	260mm	flange	any	15-130°C	84712	624,00	5
10 m ³ /h	DN40	300mm	flange	any	15-130°C	84713	750,00	5
15 m ³ /h	DN50	270mm	flange	any	15-130°C	84714	834,00	5



Kamstrup ultrasonic heat and cooling meter Multical 403, KNX standard and KNX quick

- electronic heat and cooling meter
- accuracy class 2
- MID approval according to DIN EN 1434
- ultrasonic flow sensor
- compact meter, calculator not detachable
- two temperature sensors with 1.5m cable
- up to Qp 6 m³/h short direct sensor incl. nipple
- from Qp 10 m³/h pocket sensor incl. sensor pocket
- needs 230V supply
- including KNX bus coupling unit inside the meter
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
KAM-MC403		KNX heat and cooling meter Kamstrup Multical 403						
nominal flow Qp	DN	length	thread	mount position	temp. range.	order no.	EUR / pc.*	PG
0,6 m ³ /h	DN15	110mm	G3/4	any	15-130°C	84721	294,00	5
0,6 m ³ /h	DN20	190mm	G1	any	15-130°C	84722	299,00	5
1,5 m ³ /h	DN15	110mm	G3/4	any	15-130°C	84723	294,00	5
1,5 m ³ /h	DN15	165mm	G3/4	any	15-130°C	84724	299,00	5
1,5 m ³ /h	DN20	130mm	G1	any	15-130°C	84725	299,00	5
1,5 m ³ /h	DN20	190mm	G1	any	15-130°C	84726	299,00	5
2,5 m ³ /h	DN20	130mm	G1	any	15-130°C	84727	299,00	5
2,5 m ³ /h	DN20	190mm	G1	any	15-130°C	84728	299,00	5
3,5 m ³ /h	DN25	260mm	G1 1/4	any	15-130°C	84729	445,00	5
6 m ³ /h	DN25	260mm	G1 1/4	any	15-130°C	84730	452,00	5
10 m ³ /h	DN40	300mm	G2	any	15-130°C	84731	697,00	5
6 m ³ /h	DN25	260mm	flange	any	15-130°C	84732	624,00	5
10 m ³ /h	DN40	300mm	flange	any	15-130°C	84733	750,00	5
15 m ³ /h	DN50	270mm	flange	any	15-130°C	84734	834,00	5



Kamstrup ultrasonic cooling meter Multical 403, KNX standard and KNX quick

- electronic cooling meter
- accuracy class 2
- MID approval according to DIN EN 1434
- ultrasonic flow sensor
- compact meter, calculator not detachable
- two temperature sensors with 1.5m cable
- up to Qp 6 m³/h short direct sensor incl. nipple
- from Qp 10 m³/h pocket sensor incl. sensor pocket
- needs 230V supply
- including KNX bus coupling unit inside the meter
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
KAM-MC403		KNX cooling meter Kamstrup Multical 403						
nominal flow Qp	DN	length	thread	mount position	temp. range	order no.	EUR / pc.*	PG
0,6 m ³ /h	DN20	190mm	G1	any	1-50°C	84742	299,00	5
1,5 m ³ /h	DN15	110mm	G3/4	any	1-50°C	84743	294,00	5
1,5 m ³ /h	DN15	165mm	G3/4	any	1-50°C	84744	299,00	5
1,5 m ³ /h	DN20	130mm	G1	any	1-50°C	84745	299,00	5
1,5 m ³ /h	DN20	190mm	G1	any	1-50°C	84746	299,00	5
2,5 m ³ /h	DN20	130mm	G1	any	1-50°C	84747	299,00	5
2,5 m ³ /h	DN20	190mm	G1	any	1-50°C	84748	299,00	5
3,5 m ³ /h	DN25	260mm	G1 1/4	any	1-50°C	84749	445,00	5
6 m ³ /h	DN25	260mm	G1 1/4	any	1-50°C	84750	452,00	5
10 m ³ /h	DN40	300mm	G2	any	1-50°C	84751	697,00	5
6 m ³ /h	DN25	260mm	flange	any	1-50°C	84752	624,00	5
10 m ³ /h	DN40	300mm	flange	any	1-50°C	84753	750,00	5
15 m ³ /h	DN50	270mm	flange	any	1-50°C	84754	834,00	5



Kamstrup solar heat meter, KNX standard and KNX quick

- electronic energy calculator for heat
- solar impulse unit, suitable for glycol
- correction value not adjustable
- needs 230V supply
- including KNX bus coupling unit inside the meter
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
KAM-MC602		KNX heat meter Kamstrup Multical 602 solar						
nominal flow Qp	DN	length	thread	mount position	temp. range	order no.	EUR / pc.*	PG
1,5 m³/h	DN15	165mm	G3/4	horizontal	0-120°C	84411	565,00	5
2,5 m³/h	DN20	190mm	G1	horizontal	0-120°C	84412	583,00	5
3,5 m³/h	DN25	260mm	G1 1/4	horizontal	0-120°C	84413	824,00	5
6 m³/h	DN25	260mm	G1 1/4	horizontal	0-120°C	84414	824,00	5
10 m³/h	DN25	300mm	G1 3/4	horizontal	0-120°C	84415	1055,00	5



ZENNER heat meter Zelsius C5, KNX standard and KNX quick

- electronic heat meter
- single jet flow sensor
- also available with compact measuring capsule
- including KNX bus coupling unit in separate, wall mt. box
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
ZEN-ZELC5		KNX heat meter Zenner Zelsius C5						
nominal flow Qp	DN	length	thread	mount position	temp. range.	order no.	EUR / pc.*	PG
0,6 m³/h	DN15	110mm	G3/4	any	10-90°C	85951-1	283,50	5
1,5 m³/h	DN15	110mm	G3/4	any	10-90°C	85952-1	283,50	5
2,5 m³/h	DN20	130mm	G1	any	10-90°C	85953-1	283,50	5
0,6 m³/h	DN15	EAS/EAT ISTA or 2" base			10-90°C	84954	283,50	5
1,5 m³/h	DN15	EAS/EAT ISTA or 2" base			10-90°C	84955	283,50	5
2,5 m³/h	DN20	EAS/EAT ISTA or 2" base			10-90°C	84956	288,50	5



Hydrometer heat meter Sharky, KNX standard and KNX quick

- electronic heat meter
- ultrasonic flow sensor
- needs 230V supply
- including KNX bus coupling unit in separate, wall mt. box
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
HYD-SHARKY		KNX heat meter Hydrometer Sharky						
nominal flow Qp	DN	length	thread	mount position	temp. range.	order no.	EUR / pc.*	PG
0,6 m³/h	DN15	110mm	G3/4	any	5-130°C	84001	584,00	5
1,5 m³/h	DN15	110mm	G3/4	any	5-130°C	84002	584,00	5
2,5 m³/h	DN20	130mm	G1	any	5-130°C	84003	605,00	5



KNX interfaces without meters, KNX standard and KNX quick

- internal KNX bus coupling unit
- full FacilityWeb functionality
- KNX quick included
- programmable via ETS with coding switches set to 0
- operation is only guaranteed with meters from Lingg&Janke

product code	product designation	order no.	EUR / pc.*	PG
BCU-WMZ-KAM-MC602-C-FW	KNX interface for Kamstrup MC602 heat meters	87969	98,50	5
BCU-WMZ-KAM-MC603-C-FW	KNX interface for Kamstrup MC403/MC603 heat meters	87970	98,50	5



KNX interfaces without meters, KNX standard

- KNX bus coupling unit in separate, wall mounted box
- full FacilityWeb functionality
- operation is only guaranteed with meters from Lingg&Janke

product code	product designation	order no.	EUR / pc.*	PG
BCU-WMZ-HYD-SHAR-C-FW	KNX interface for Hydrometer Sharky heat meters	87967	110,00	5

no picture

mounting nut for Kamstrup heat meter sensors

- connection (external thread) 1/2"
- sensor dimensions 5,0 mm x M10

product code	product designation	order no.	EUR / pc.*	PG
KAM-MW	mounting nut for Kamstrup heat meter sens.	85917	8,40	5

mounting sets for heat meter sensors M10

- consisting of 3 ball valves incl. accessories
- sensor dimensions 5,0 – 5,2 mm x M10



Produktname	product designation	order no.	EUR / pc.*	PG
KUG-SET	mounting set for heat meter 110mm, G3/4"	85980	56,35	5
KUG-SET	mounting set for heat meter 130mm, G1"	85981	66,15	5
KUG-SET	mounting set for heat meter 190mm, G1"	85982	66,15	5
KUG-SET	mounting set for ht. meter 260mm, G1 1/4"	85983	98,25	5

ball valves sets for heat meter sensors M10

- connection (internal thread) 1/2", 3/4", 1"
- sensor dimensions 5,0 – 5,2 mm x M10



Produktname	product designation	order no.	EUR / pc.*	PG
KUG-MW	ball valve 1/2" for heat meter sensor M10	85997	8,95	5
KUG-MW	ball valve 3/4" for heat meter sensor M10	85998	12,95	5
KUG-MW	ball valve 1" for heat meter sensor M10	85999	19,80	5

6.3 KNX Water Meters



GWF single jet water meter UNICocoder MP, KNX standard and KNX quick

- single jet water meter for cold water
- with absolute encoder register
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
GWF-UNICO		KNX cold water meter GWF UNICocoder MP						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
2,5 m ³ /h	DN15	110mm	G3/4	any	30°C	85500	191,00	5
2,5 m ³ /h	DN20	130mm	G1	any	30°C	85501	191,00	5
4 m ³ /h	DN20	130mm	G1	any	30°C	85502	192,00	5



GWF single jet water meter UNICocoder MP, KNX standard and KNX quick

- single jet water meter for warm water
- with absolute encoder register
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
GWF-UNICO		KNX warm water meter GWF UNICocoder MP						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
2,5 m ³ /h	DN15	110mm	G3/4	any	90°C	85503	191,00	5
2,5 m ³ /h	DN20	130mm	G1	any	90°C	85504	191,00	5
4 m ³ /h	DN20	130mm	G1	any	90°C	85505	192,00	5



GWF multi jet water meter MTKcoder MP, KNX standard and KNX quick

- multi jet water meter for cold water
- super dry-dial
- with absolute encoder register
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
GWF-MTK		KNX cold water meter GWF MTKcoder MP						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
2,5 m³/h	DN15	220mm	G1	horizontal	30°C	85520	293,00	5
4 m³/h	DN20	220mm	G1	horizontal	30°C	85521	293,00	5
6,3 m³/h	DN25	260mm	G1 1/4	horizontal	30°C	85523	310,00	5
10 m³/h	DN32	260mm	G1 1/2	horizontal	30°C	85525	326,00	5
16 m³/h	DN40	300mm	G2	horizontal	30°C	85526	405,00	5
25 m³/h	DN50	300mm	G2 3/8	horizontal	30°C	85527	470,00	5
16 m³/h	DN40	300mm	flange	horizontal	30°C	85528	496,00	5
25 m³/h	DN50	300mm	flange	horizontal	30°C	85529	513,00	5



GWF multi jet water meter MTWcoder MP, KNX standard and KNX quick

- multi jet water meter for warm water
- super dry-dial
- with absolute encoder register
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
GWF-MTW		KNX warm water meter GWF MTWcoder MP						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
2,5 m³/h	DN15	165mm	G3/4	horizontal	90°C	85540	295,00	5
4 m³/h	DN20	190mm	G1	horizontal	90°C	85541	295,00	5
6,3 m³/h	DN25	260mm	G1 1/4	horizontal	90°C	85543	323,00	5
10 m³/h	DN25	260mm	G1 1/4	horizontal	90°C	85544	323,00	5
10 m³/h	DN32	260mm	G1 1/2	horizontal	90°C	85545	334,00	5
16 m³/h	DN40	300mm	G2	horizontal	90°C	85546	422,00	5
25 m³/h	DN50	300mm	G2 3/8	horizontal	90°C	85547	488,00	5
4 m³/h	DN20	190mm	flange	horizontal	90°C	85548	355,00	5
6,3 m³/h	DN25	260mm	flange	horizontal	90°C	85549	389,00	5
10 m³/h	DN25	260mm	flange	horizontal	90°C		on request	5
10 m³/h	DN32	260mm	flange	horizontal	90°C	85550	411,00	5
16 m³/h	DN40	300mm	flange	horizontal	90°C	85551	515,00	5
25 m³/h	DN50	300mm	flange	horizontal	90°C	85552	532,00	5



**GWF multi jet water meter MTKcoder MP-V,
KNX standard and KNX quick**

- multi jet water meter for cold water
- super dry-dial
- with absolute encoder register
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
GWF-MTK		KNX cold water meter GWF MTKcoder MP-V						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
4 m ³ /h	DN20	105mm	G1	vertical, up	30°C	85561	339,00	5
6,3 m ³ /h	DN25	150mm	G1 1/4	vertical, up	30°C	85562	388,00	5
10 m ³ /h	DN32	150mm	G1 1/2	vertical, up	30°C	85563	388,00	5
16 m ³ /h	DN40	200mm	G2	vertical, up	30°C	85564	490,00	5
4 m ³ /h	DN20	105mm	G1	vertical, dn	30°C	85566	348,00	5
6,3 m ³ /h	DN25	150mm	G1 1/4	vertical, dn	30°C	85567	390,00	5
10 m ³ /h	DN32	150mm	G1 1/2	vertical, dn	30°C	85568	390,00	5
16 m ³ /h	DN40	200mm	G2	vertical, dn	30°C	85569	487,00	5



deviating picture

GWF multi jet water meter MTWcoder MP-V, KNX standard and KNX quick

- multi jet water meter for warm water
- super dry-dial
- with absolute encoder register
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
GWF-MTW		KNX warm water meter GWF MTWcoder MP-V						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
4 m³/h	DN20	105mm	G1	vertical, up	90°C	85580	346,00	5
6,3 m³/h	DN25	150mm	G1 1/4	vertical, up	90°C	85581	396,00	5
10 m³/h	DN32	150mm	G1 1/2	vertical, up	90°C	85582	403,00	5
16 m³/h	DN40	200mm	G2	vertical, up	90°C	85583	508,00	5
4 m³/h	DN20	105mm	G1	vertical, dn	90°C	85584	353,00	5
6,3 m³/h	DN25	150mm	G1 1/4	vertical, dn	90°C	85585	396,00	5
10 m³/h	DN32	150mm	G1 1/2	vertical, dn	90°C	85586	403,00	5
16 m³/h	DN40	200mm	G2	vertical, dn	90°C	85587	508,00	5



M-Bus communication modules for water meters

- for retrofitting of existing water meters
- have to be programmed with Relay Micro-Master 87999
- required for correspondig KNX interface
-

product code	product designation	order no.	EUR / pc.*	PG
MBUS-ALL-BM	M-Bus communication module for Allmess water meters (BM module)	85218	68,50	5
MBUS-ITR-CYBLE	M-Bus communication module for Itron water meters (Cyble module)	85830	119,70	5
MBUS-SEN-HRI	M-Bus communication module for Sensus water meters (HRI Data B1/D1/S8 module)	85212	88,00	5



Hydrometer electronic water meter Corona E, KNX standard and KNX quick

- electronic water meter for cold water
- impeller wheel flow sensor
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
HYD-CORONA		KNX cold water meter Hydrometer Corona E						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
2,5 m ³ /h	DN15	110mm	G3/4	horizontal	30°C	85010	309,00	5
4 m ³ /h	DN20	130mm	G1	horizontal	30°C	85030	371,00	5
4 m ³ /h	DN20	190mm	G1	horizontal	30°C	85040	371,00	5
4 m ³ /h	DN20	105mm	G1	vertical	30°C	85050	388,00	5



Hydrometer electronic water meter Corona E, KNX standard and KNX quick

- electronic water meter for warm water
- impeller wheel flow sensor
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
HYD-CORONA		KNX warm water meter Hydrometer Corona E						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
2,5 m ³ /h	DN15	110mm	G3/4	horizontal	90°C	85011	342,00	5
4 m ³ /h	DN20	130mm	G1	horizontal	90°C	85031	404,00	5
4 m ³ /h	DN20	190mm	G1	horizontal	90°C	85041	404,00	5
4 m ³ /h	DN20	105mm	G1	vertical	90°C	85051	421,00	5



Andrae single jet water meter, household water meter, KNX standard

- single jet water meter for cold water
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- full FacilityWeb functionality
- price including calibration fee

product code		product designation						
AND-EAX		KNX cold water meter Andrae MTK-EAX						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
2,5 m³/h	DN15	80mm	G3/4	horizontal	30°C	85101	198,00	5
2,5 m³/h	DN15	110mm	G3/4	horizontal	30°C	85102	198,00	5
4 m³/h	DN20	130mm	G1	horizontal	30°C	85103	199,00	5



Andrae single jet water meter, household water meter, KNX standard

- single jet water meter for warm water
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- full FacilityWeb functionality
- price including calibration fee

product code		product designation						
AND-EAX		KNX warm water meter Andrae MTW-EAX						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
2,5 m³/h	DN15	80mm	G3/4	horizontal	90°C	85111	200,00	5
2,5 m³/h	DN15	110mm	G3/4	horizontal	90°C	85112	200,00	5
4 m³/h	DN20	130mm	G1	horizontal	90°C	85113	201,00	5



**Andrae multi jet water meter, MTK-HWX,
KNX standard**

- multi jet water meter for cold water
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- full FacilityWeb functionality
- price including calibration fee

product code		product designation						
AND-HWX		KNX cold water meter Andrae MTK-HWX						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
4 m³/h	DN20	190mm	G1	horizontal	30°C	85140	239,00	5
6,3 m³/h	DN25	260mm	G1 1/4	horizontal	30°C	85141	268,00	5
16 m³/h	DN40	300mm	G2	horizontal	30°C	85142	353,00	5



**Andrae multi jet water meter, MTW-HWX,
KNX standard**

- multi jet water meter for warm water
- MID approval
- including KNX bus coupling unit in separate, wall mt. box
- full FacilityWeb functionality
- price including calibration fee

product code		product designation						
AND-HWX		KNX warm water meter Andrae MTW-HWX						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
4 m³/h	DN20	190mm	G1	horizontal	90°C	85150	251,00	5
6,3 m³/h	DN25	260mm	G1 1/4	horizontal	90°C	85151	280,00	5
16 m³/h	DN40	300mm	G2	horizontal	90°C	85152	363,00	5



Kamstrup ultrasonic water meter, KNX standard and KNX quick

- electronic water meter for cold water
- ultrasonic flow sensor
- needs 230V supply
- including KNX bus coupling unit inside the meter
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
KAM-MC62		KNX cold water meter Kamstrup Multical 62						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
1,6 m³/h	DN15	110mm	G3/4	any	30°C	85941	398,00	5
1,6 m³/h	DN20	110mm	G1	any	30°C	85942	398,00	5
1,6 m³/h	DN20	190mm	G1	any	30°C	85943	436,00	5
2,5 m³/h	DN20	190mm	G1	any	30°C	85944	436,00	5
4 m³/h	DN25	260mm	G1 1/4	any	30°C	85945	696,00	5
6,3 m³/h	DN25	260mm	G1 1/4	any	30°C	85946	782,00	5
10 m³/h	DN40	300mm	G2	any	30°C	85947	1048,00	5



Kamstrup ultrasonic water meter, KNX standard and KNX quick

- electronic water meter for warm water
- ultrasonic flow sensor
- needs 230V supply
- including KNX bus coupling unit inside the meter
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
KAM-MC62		KNX warm water meter Kamstrup Multical 62						
nominal flow Q3	DN	length	thread	mount position	max. temp.	order no.	EUR / pc.*	PG
1,6 m³/h	DN15	110mm	G3/4	any	90°C	85971	398,00	5
1,6 m³/h	DN20	110mm	G1	any	90°C	85972	398,00	5
1,6 m³/h	DN20	190mm	G1	any	90°C	85973	436,00	5
2,5 m³/h	DN20	190mm	G1	any	90°C	85974	436,00	5
4 m³/h	DN25	260mm	G1 1/4	any	90°C	85975	696,00	5
6,3 m³/h	DN25	260mm	G1 1/4	any	90°C	85976	782,00	5
10 m³/h	DN40	300mm	G2	any	90°C	85977	1048,00	5



KNX interfaces without meters, KNX standard

- KNX bus coupling unit in separate, wall mounted box
- full FacilityWeb functionality
- operation is only guaranteed with meters from Lingg&Janke

product code	product designation	order no.	EUR / pc.*	PG
BCU-KWZ-HYD-CORM-C-FW	KNX interface for Hydrometer Corona E water meters	87922	110,00	5
BCU-KWZ-AND-WZGM-C-FW	KNX interface for Andrae water meters	87925	110,00	5
BCU-KWZ-ALL-BM-C-FW	KNX interface for Allmess water meters with BM module	87926	110,00	5
BCU-KWZ-GWF-MBUS-C-FW	KNX interface for GWF water meters	87929	110,00	5
BCU-KWZ-ITR-RF1c-C-FW	KNX interface for Itron water meters with Cyble module	87981	110,00	5
BCU-KWZ-SEN-HRI-C-FW	M-Bus module and KNX interface for Sensus water meters with HRI data B1/D1/S8 module	87985	110,00	5



KNX interfaces without meters, KNX standard and KNX quick

- internal KNX bus coupling unit
- full FacilityWeb functionality
- KNX quick included
- programmable via ETS with coding switches set to 0
- operation is only guaranteed with meters from Lingg&Janke

product code	product designation	order no.	EUR / pc.*	PG
BCU-KWZ-KAM-MC62-C-FW	KNX interface for Kamstrup MC62 water meters	87984	98,50	5



M-Bus Micro-Master USB

- parameterisation tool for M-Bus meters
- power supply via USB

product code	product designation	RU	order no.	EUR / pc.*	PG
MBUS-MIC-MSTR	M-Bus Micro-Master USB	-	87999	298,00	5

6.4 KNX Gas Meters



Elster single adapter gas meter BK-G4T, KNX standard and KNX quick

- diaphragm gas meter
- with Absolute ENCODER index
- including KNX interface in separate, wall mounted box
- with FacilityWeb functionality
- prices including calibration fee
- other dimensions on request
- KNX quick included
- programmable via ETS with coding switches set to 0

product code	product designation	DN	measuring range	order no.	EUR / pc.*	PG
BK-G4T	KNX gas meter, single adapter, Elster	DN25	0,04 – 6 m ³ /h	85802	372,00	5



deviating picture

Elster double adapter gas meter BK-GxA, KNX standard and KNX quick

- diaphragm gas meter
- with Absolute ENCODER index
- including KNX interface in separate, wall mounted box
- with FacilityWeb functionality
- prices including calibration fee
- other dimensions on request
- KNX quick included
- programmable via ETS with coding switches set to 0

product code	product designation	DN	measuring range	order no.	EUR / pc.*	PG
BK-G4A	KNX gas meter, double adapter, Elster	DN25	0,04 – 6 m ³ /h	85801	372,00	5
BK-G4A	KNX gas meter, double adapter, Elster	DN20	0,04 – 6 m ³ /h	85805	372,00	5
BK-G6A	KNX gas meter, double adapter, Elster	DN32	0,06 – 10 m ³ /h	85808	446,00	5
BK-G10A	KNX gas meter, double adapter, Elster	DN40	0,10 – 16 m ³ /h	85807	814,00	5
BK-G16A	KNX gas meter, double adapter, Elster	DN40	0,16 – 25 m ³ /h	85804	826,00	5
BK-G25A	KNX gas meter, double adapter, Elster	DN50	0,25 – 40 m ³ /h	85809	1104,00	5



deviating picture

Itron single adapter gas meter RF1c,

KNX standard und KNX quick

- diaphragm gas meter
- including Cyble module
- including KNX interface in separate, wall mounted box
- with FacilityWeb functionality
- prices including calibration fee
- other dimensions on request
- KNX quick included
- programmable via ETS with coding switches set to 0

product code	product designation	DN	measuring range	order no.	EUR / pc.*	PG
RF1c G4	KNX gas meter, single adapter, Itron	DN25	0,04 – 6 m ³ /h	85812	425,00	5
RF1c G6	KNX gas meter, single adapter, Itron	DN25	0,06 – 10 m ³ /h	85814	485,00	5
ACD(C)c G10	KNX gas meter, single adapter, Itron	DN40	0,10 – 16 m ³ /h	85816	734,00	5
ACD(C)c G16	KNX gas meter, single adapter, Itron	DN40	0,16 – 25 m ³ /h	85818	825,00	5



deviating picture

Itron double adapter gas meter RF1c,

KNX standard und KNX quick

- diaphragm gas meter
- including Cyble module
- including KNX interface in separate, wall mounted box
- with FacilityWeb functionality
- prices including calibration fee
- other dimensions on request
- KNX quick included
- programmable via ETS with coding switches set to 0

product code	product designation	DN	measuring range	order no.	EUR / pc.*	PG
RF1c G4	KNX gas meter, double adapter, Itron	DN25	0,04 – 6 m ³ /h	85811	425,00	5
RF1c G6	KNX gas meter, double adapter, Itron	DN25	0,06 – 10 m ³ /h	85813	485,00	5
ACD(C)c G10	KNX gas meter, double adapter, Itron	DN40	0,10 – 16 m ³ /h	85815	734,00	5
ACD(C)c G16	KNX gas meter, double adapter, Itron	DN40	0,16 – 25 m ³ /h	85817	825,00	5



KNX interfaces without meters, KNX standard

- KNX bus coupling unit in separate, wall mounted box
- full FacilityWeb functionality
- operation is only guaranteed with meters from Lingg&Janke

product code	product designation	order no.	EUR / pc.*	PG
BCU-GZ-ELS-GXA-C-FW	KNX interface for Elster gas meters with Absolute ENCODER AE2/AE3	87980	110,00	5
BCU-GZ-ITR-RF1c-C-FW	KNX interface for Itron gas meters with Cyble module	87981	110,00	5

7 Visualisation

7.1 Symcon



starter package Symbox

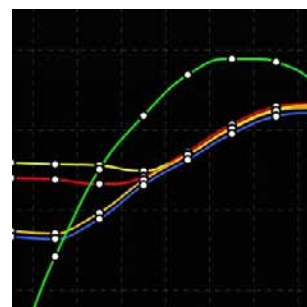
containing an already preprogrammed KNX quick project example

- including Symcon basic software licence (250 data points)
- integrated KNX interface
- including adequate power supply

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
SYMBOL-BOX-ST  4 260049 687365	starter package Symbox includes: Symbox (DHCP) with integrated KNX interface (4 RU), basic software licence (250 data points), adequate power supply (1.5 RU)	4 +1,5	87360	549,00	9



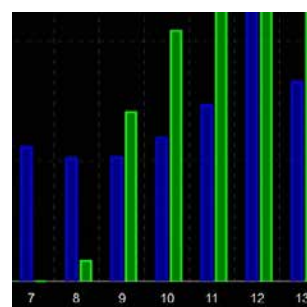
Symcon can be used with
KNX quick
as well as
KNX eco+ and KNX standard



WILLKOMMEN

LIZENZ

UPDATE



For further information and support
please contact Symcon directly:

Symcon GmbH
Willy-Brandt-Allee 31b
D-23554 Lübeck
www.symcon.de
office@symcon.de

8 Exclusiv 55 Switches

8.1 Exclusiv 55 KNX Switches



flush mount KNX main module

- 4 button KNX main module
- integrated bus coupling unit
- up to 3 extension modules may be connected
- suitable cover frames 86221 - 86225

product code	product designation	order no.	EUR / pc.*	PG
TAKP2F-BCU-FW	KNX push button sensor, TAKP2f-BCU, main module	87800	57,50	2



flush mount extension module

- 4 button KNX main module
- without bus coupling unit
- incl. ready-made connection cable in various length
- replacement cables available
- suitable cover frames 86221 - 86225

product code	product designation	order no.	EUR / pc.*	PG
TAKP2F-SAT-20	KNX push button sensor, TAKP2f-SAT-20, extension module, cable 20cm	87801	18,50	2
TAKP2F-SAT-27	KNX push button sensor, TAKP2f-SAT-27, extension module, cable 27cm	87802	18,80	2
TAKP2F-SAT-35	KNX push button sensor, TAKP2f-SAT-35, extension module, cable 35cm	87803	19,10	2
TAKP2F-SAT-50	KNX push button sensor, TAKP2f-SAT-50, extension module, cable 50cm	87804	19,40	2



replacement cables

- suitable for flush mount extension module

product code	product designation	order no.	EUR / pc.*	PG
VBK-20	connecting cable, VBK-20cm	87805	3,50	2
VBK-27	connecting cable, VBK-27cm	87806	3,80	2
VBK-35	connecting cable, VBK-35cm	87807	4,10	2
VBK-50	connecting cable, VBK-50cm	87808	4,40	2



rocker units, neutral

- suitable for main module and extension module
- colour pure white alike RAL 9010
- without laser engraving

product code	product designation	order no.	EUR / pc.*	PG
FL-1	single rocker unit, FL-1, pure white alike RAL 9010	87820	3,00	2
FL-2	double rocker unit, FL-2, pure white alike RAL 9010	87823	4,40	2



rocker units, light

- suitable for main module and extension module
- colour pure white alike RAL 9010
- with laser engraving, light symbol

product code	product designation	order no.	EUR / pc.*	PG
FL-1-L	single rocker unit, FL-1-L, pure white alike RAL 9010	87821	4,85	2
FL-2-L	double rocker unit, FL-2-L, pure white alike RAL 9010	87824	6,30	2



rocker units, shutter

- suitable for main module and extension module
- colour pure white alike RAL 9010
- with laser engraving, shutter symbol

product code	product designation	order no.	EUR / pc.*	PG
FL-1-J	single rocker unit, FL-1-J, pure white alike RAL 9010	87822	4,85	2
FL-2-J	double rocker unit, FL-2-J, pure white alike RAL 9010	87825	6,30	2

8.2 Exclusiv 55 Switches and Sockets



Exclusiv 55 flush mount switches

- 10A 250VAC
- suitable cover frames 86221 - 86225

product code	product designation	order no.	EUR / pc.*	PG
E55-SCH-UNIV	Exclusiv 55 rocker switch, change over	86006	4,50	3
E55-SCH-TAST	Exclusiv 55 rocker push button (NO)	86031	5,30	3
E55-SCH-SER	Exclusiv 55 rocker switch, series	86005	5,80	3



Exclusiv 55 rocker units

- colour pure white alike RAL 9010

product code	product designation	order no.	EUR / pc.*	PG
E55-FWP-1	Exclusiv 55 single rocker unit, pure white alike RAL 9010	86200	2,20	3
E55-FWP-2	Exclusiv 55 double rocker unit, pure white alike RAL 9010	86202	4,00	3



Exclusiv 55 covers

- colour pure white alike RAL 9010

product code	product designation	order no.	EUR / pc.*	PG
E55-ABD-BLIND	Exclusiv 55 blind cover, pure white alike RAL 9010	86204	8,10	3
E55-ABD-ANT2	Exclusiv 55 antenna terminal cover 2 gaps, pure white alike RAL 9010	86205	4,10	3
E55-ABD-ANT3	Exclusiv 55 antenna terminal cover 3 gaps, pure white alike RAL 9010	86206	4,10	3
E55-ABD-TEL	Exclusiv 55 telephone wall jack cover, pure white alike RAL 9010	86207	4,10	3
E55-ABD-CAT	Exclusiv 55 cover 2 gaps for all UAE, CAT5/6, ISDN, pure white alike RAL 9010	86208	6,30	3

no picture

Exclusiv 55 intermediate frame

- colour pure white alike RAL 9010
- for the integration of 50x50mm products

product code	product designation	order no.	EUR / pc.*	PG
E55-ABD-ZWR	Exclusiv 55 intermediate frame 50x50 to 55x55, pure white alike RAL 9010	86219	3,50	3



Exclusiv 55 flush mount socket outlets

- 16A 250VAC
- colour pure white alike RAL 9010
- suitable cover frames 86221 - 86225

product code	product designation	order no.	EUR / pc.*	PG
E55-STK-STD	Exclusiv 55 Schuko outlet 16A, pure white alike RAL 9010	86210	4,10	3
E55-STK-KIND	Exclusiv 55 Schuko outlet with child protection 16A, alike pure white RAL 9010	86211	5,90	3



Exclusiv 55 flush mount socket outlets

- 16A 250VAC
- colour pure white alike RAL 9010
- with hinged cover
- suitable cover frames 86221 - 86225

product code	product designation	order no.	EUR / pc.*	PG
E55-STK-DECK	Exclusiv 55 Schuko outlet with hinged cover 16A, pure white alike RAL 9010	86212	13,20	3

8.3 Exclusiv 55 Cover Frames



cover frame, pure white alike RAL 9010

- suitable for Exclusiv 55 KNX switches 87800 - 87804
- suitable for Exclusiv 55 switches and sockets 86005, 86006, 86031, 86210, 86211, 86212

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-KRW	cover frame 1 gang, pure white al. RAL 9010	86221	1,60	3
RAHMEN2-KRW	cover frame 2 gang, pure white al. RAL 9010	86222	2,60	3
RAHMEN3-KRW	cover frame 3 gang, pure white al. RAL 9010	86223	4,50	3
RAHMEN4-KRW	cover frame 4 gang, pure white al. RAL 9010	86224	7,80	3
RAHMEN5-KRW	cover frame 5 gang, pure white al. RAL 9010	86225	14,50	3



cover frame, pure white alike RAL 9010

- suitable for bus coupling units Q87162 and Q87163
- suitable for bus coupling units 87162 and 87163

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-RW	cover frame 1 gang, pure white al. RAL 9010	86391	1,60	3
RAHMEN2-RW	cover frame 2 gang, pure white al. RAL 9010	86392	2,60	3
RAHMEN3-RW	cover frame 3 gang, pure white al. RAL 9010	86393	4,50	3
RAHMEN4-RW	cover frame 4 gang, pure white al. RAL 9010	86394	7,80	3
RAHMEN5-RW	cover frame 5 gang, pure white al. RAL 9010	86395	14,50	3



glas cover frame, white

- suitable for bus coupling units Q87162 and Q87163
- suitable for bus coupling units 87162 and 87163

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-GLW	glass cover frame 1 gang, white	86321	15,50	3
RAHMEN2-GLW	glass cover frame 2 gang, white	86322	24,50	3
RAHMEN3-GLW	glass cover frame 3 gang, white	86323	33,50	3
RAHMEN4-GLW	glass cover frame 4 gang, white	86324	42,50	3
RAHMEN5-GLW	glass cover frame 5 gang, white	86325	51,50	3



glas cover frame, mint

- suitable for bus coupling units Q87162 and Q87163
- suitable for bus coupling units 87162 and 87163

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-GLM	glass cover frame 1 gang, mint	86331	15,50	3
RAHMEN2-GLM	glass cover frame 2 gang, mint	86332	24,50	3
RAHMEN3-GLM	glass cover frame 3 gang, mint	86333	33,50	3
RAHMEN4-GLM	glass cover frame 4 gang, mint	86334	42,50	3
RAHMEN5-GLM	glass cover frame 5 gang, mint	86335	51,50	3



glas cover frame, black

- suitable for bus coupling units Q87162 and Q87163
- suitable for bus coupling units 87162 and 87163

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-GLS	glass cover frame 1 gang, black	86341	17,50	3
RAHMEN2-GLS	glass cover frame 2 gang, black	86342	26,50	3
RAHMEN3-GLS	glass cover frame 3 gang, black	86343	35,50	3
RAHMEN4-GLS	glass cover frame 4 gang, black	86344	44,50	3
RAHMEN5-GLS	glass cover frame 5 gang, black	86345	53,50	3



glas cover frame, umbra

- suitable for bus coupling units Q87162 and Q87163
- suitable for bus coupling units 87162 and 87163

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-GLU	glass cover frame 1 gang, umbra	86351	17,50	3
RAHMEN2-GLU	glass cover frame 2 gang, umbra	86352	26,50	3
RAHMEN3-GLU	glass cover frame 3 gang, umbra	86353	35,50	3
RAHMEN4-GLU	glass cover frame 4 gang, umbra	86354	44,50	3
RAHMEN5-GLU	glass cover frame 5 gang, umbra	86355	53,50	3



cover frame, oak tree

- suitable for bus coupling units Q87162 and Q87163
- suitable for bus coupling units 87162 and 87163

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-HZE	cover frame 1 gang, oak tree	86361	20,50	3
RAHMEN2-HZE	cover frame 2 gang, oak tree	86362	24,50	3
RAHMEN3-HZE	cover frame 3 gang, oak tree	86363	30,50	3
RAHMEN4-HZE	cover frame 4 gang, oak tree	86364	38,50	3
RAHMEN5-HZE	cover frame 5 gang, oak tree	86365	45,50	3



cover frame, wenge tree

- suitable for bus coupling units Q87162 and Q87163
- suitable for bus coupling units 87162 and 87163

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-HZW	cover frame 1 gang, wenge tree	86371	20,50	3
RAHMEN2-HZW	cover frame 2 gang, wenge tree	86372	24,50	3
RAHMEN3-HZW	cover frame 3 gang, wenge tree	86373	30,50	3
RAHMEN4-HZW	cover frame 4 gang, wenge tree	86374	38,50	3
RAHMEN5-HZW	cover frame 5 gang, wenge tree	86375	45,50	3



cover frame, beech tree

- suitable for bus coupling units Q87162 and Q87163
- suitable for bus coupling units 87162 and 87163

product code	product designation	order no.	EUR / pc.*	PG
RAHMEN1-HZB	cover frame 1 gang, beech tree	86381	20,50	3
RAHMEN2-HZB	cover frame 2 gang, beech tree	86382	24,50	3
RAHMEN3-HZB	cover frame 3 gang, beech tree	86383	30,50	3
RAHMEN4-HZB	cover frame 4 gang, beech tree	86384	38,50	3
RAHMEN5-HZB	cover frame 5 gang, beech tree	86385	45,50	3

9 Accessories

9.1 Mounting Frames for Tablets



Smart-Frame series of mounting frames

- magnetic fixing of the frame
- no screws or holes visible
- solid coloured acrylic glass with glossy surface
- framesides matt with reduced edge
- vertical or horizontal usage possible

product code	product designation	colour	order no.	EUR / pc.*	PG
FRAME-APPLE	Apple iPad 1	white	88021	99,00	6
FRAME-APPLE	Apple iPad 1	black	88022	99,00	6
FRAME-APPLE	Apple iPad 2 / 3 / 4	white	88011	99,00	6
FRAME-APPLE	Apple iPad 2 / 3 / 4	black	88012	99,00	6
FRAME-APPLE	Apple iPad Air / Air2 / Pro9,7"	white	88071	99,00	6
FRAME-APPLE	Apple iPad Air / Air2 / Pro9,7"	black	88072	99,00	6
FRAME-APPLE	Apple iPad 2017	white	88071	99,00	6
FRAME-APPLE	Apple iPad 2017	black	88072	99,00	6
FRAME-APPLE	Apple iPad Mini 1 / 2 / 3	white	88031	86,00	6
FRAME-APPLE	Apple iPad Mini 1 / 2 / 3	black	88032	86,00	6
FRAME-APPLE	Apple iPad Mini 4	white	88033	86,00	6
FRAME-APPLE	Apple iPad Mini 4	black	88034	86,00	6
FRAME-SAMSUNG	Samsung GalaxyTab7-2	white	88061	86,00	6
FRAME-SAMSUNG	Samsung GalaxyTab7-2	black	88062	86,00	6
FRAME-SAMSUNG	Samsung GalaxyTab3 10.1	white	88081	99,00	6
FRAME-SAMSUNG	Samsung GalaxyTab3 10.1	black	88082	99,00	6
FRAME-SAMSUNG	Samsung GalaxyTab A 10.1	white	88085	99,00	6
FRAME-SAMSUNG	Samsung GalaxyTab A 10.1	black	88086	99,00	6



power supply for tablets

- power supply fits into 55mm switch box
- input voltage 230VAC
- max. output current 1A
- output via USB socket
- connecting cable not included

FRAME-NT1	power supply 5V/1A with USB socket, fits into switch box	-	88003	55,00	6
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10 New Products



starter package Symbox

containing an already preprogrammed KNX quick project example

- including Symcon basic software licence (250 data points)
- integrated KNX interface
- including adequate power supply

product code / EAN	product designation	RU	order no.	EUR / pc.*	PG
SYMBON-ST  4 260049 687365	starter package Symbox includes: Symbox (DHCP) with integrated KNX interface (4 RU), basic software licence (250 data points), adequate power supply (1.5 RU)	4 +1,5	87360	549,00	9



Kamstrup ultrasonic heat meter Multical 403,

KNX standard and KNX quick

- electronic heat meter
- accuracy class 2
- MID approval according to DIN EN 1434
- ultrasonic flow sensor
- compact meter, calculator not detachable
- two temperature sensors with 1.5m cable
- up to Qp 6 m³/h short direct sensor incl. nipple
- from Qp 10 m³/h pocket sensor incl. sensor pocket
- needs 230V supply
- including KNX bus coupling unit inside the meter
- full FacilityWeb functionality
- price including calibration fee
- KNX quick included
- programmable via ETS with coding switches set to 0

product code		product designation						
KAM-MC403		KNX heat meter Kamstrup Multical 403						
nominal flow Qp	DN	length	thread	mount position	temp. range	order no.	EUR / pc.*	PG
0,6 m ³ /h	DN15	110mm	G3/4	any	15-130°C	84701	294,00	5
0,6 m ³ /h	DN20	190mm	G1	any	15-130°C	84702	299,00	5
more meters on page 52								