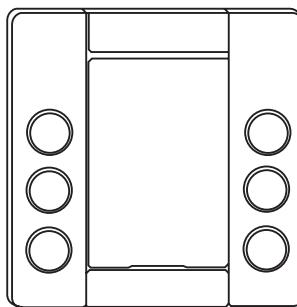
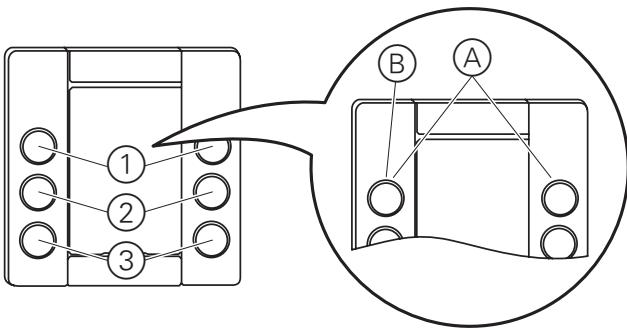


**System Design push-button, 3-gang**

Colour	Article no.
polar white	622519
white	622544
aluminium	622560
vanilla	622582
ice blue	622588
light grey	622529
midnight blue	622578
dark brazil	622515
black grey	622569
stainless steel	622546

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**1. Function**

A Operating display (green circles)

B Status display (red circles)

1 Upper push-button pair

3 Middle push-button pair

3 Lower push-button pair

The INSTABUS 3-gang push-button is a command device for e.g. switching, dimming and blind control functions according to the "application software" which is loaded into the flush-mounted insert.

A push-button pair 1, 2, 3 consists of two horizontally adjacent push-buttons. When one of the two push-buttons is pressed, a data telegram for ON, BRIGHTER, UP etc. is sent while a data telegram for OFF, DARKER, DOWN etc. is sent when the other push-button is pressed.

The green circles A around the push-buttons indicate that the push-button is ready for operation. They can also be used as an orientation light.

The red circles B around the push-buttons on the left are programmable status displays.

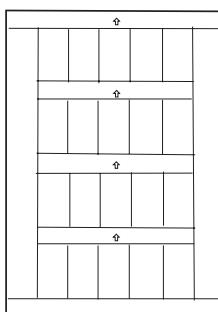
**2. Installation**

The push-button is an application module in the System Design range and is clipped onto:

- Bus coupler, flush-mounted (art. no. 690099)
- Switch actuator, flush-mounted/230/10 (art. no. 627099)
- Series actuator, flush-mounted/230/6 (art. no. 627199)
- Blind actuator, flush-mounted/230/6 (art. no. 627299)



The push-button must also be completed with a System Design frame.

**Labelling****Labelling sheets**

Colour	Article no.
polar white/ silver	618919
white	618944

**Function**

Labelling sheets are available as an accessory. They can be professionally provided with text and symbols using the Merten labelling software (art. no. 615022).

**3. Technical Data**

Initialisation:	Due to the limitation of the telegram rate, a telegram cannot be generated until at least 17 s after the initialisation.
Display elements:	Green LED for indicating the device is ready for operation, can be switched off via parameters Red LED for status display
Operating elements	Two push-button pairs
Ambient temperature	
Operation:	-5 °C to +45 °C
Storage:	-25 °C to +55 °C
Transport:	-25 °C to +70 °C
Max. humidity:	93 %
Connection to the flush-mounted insert via:	PEI, 10-pole plug connector

**4. Settings in the EIB Tool Software (ETS)****Selection in the product database**

Manufacturer:	Merten
Product family:	2.23 Push-button, 3-gang
Product type:	2.23.01 System Design
Programs in connection with the bus coupler, flush-mounted (art. no. 690099):	
Edges 1521/1	
Switch/Dim/Blind/Status 1522/2	
Media type:	Twisted Pair/Power Line
Product name:	System Design push-button, 3-gang
Order number:	6225xx

Manufacturer:	Merten
Product family:	4.1 Switch actuator, 1-gang
Product type:	4.1.01 Flush-mounted FM
Programs in connection with the switch actuator, flush-mounted/230/10 (art. no. 627099):	
Push-button + Switch Stairc. Log. Stat. Init. 4614/1.1	
Media type:	Twisted Pair
Product name:	Switch actuator, 1-gang
Order number:	627099

Manufacturer:	Merten
Product family:	4.2 Switch actuator, 2-gang
Product type:	4.2.01 Flush-mounted FM
Programs in connection with the series actuator, flush-mounted/230/6 (art. no. 627199):	
Push-button + Switch Stairc. Log. Stat. Init. 4714/1.1	
Media type:	Twisted Pair
Product name:	Switch actuator, 2-gang
Order number:	627199

Manufacturer:	Merten
Product family:	4.5 Blind actuator
Product type:	4.5.05 Flush-mounted FM
Programs in connection with the blind actuator, flush-mounted/230/6 (art. no. 627299):	
Push-button + Blind 5614/1.0	
Media type:	Twisted Pair
Product name:	Blind actuator
Order number:	627299

## 5. Application overview

The following applications can be selected with the bus coupler, flush-mounted (art. no. 690099):

Application	Vers.	Function
Switch/Dim/Blind 1531/1	1	Send switching commands
		Send dimming commands
		Send blind control commands
		Status response
		Operating display

The following applications can be selected with the switch actuator, flush-mounted/230/10 (art. no. 627099):

Application	Vers.	Function
Push-button + Switch Stairc. Log. Stat. Init. 4614/1.1	1.1	Send 1/8 bit switching commands
		Send 1/8 bit toggle commands
		Send 1/8 bit pulse edge commands via 2 objects
		Send dimming commands with parameterisable dimming steps
		Send blind control commands or positioning values
		Send temperature values
		Send 8 bit values via 2 objects
		Operating display
		Disable push-buttons
		Switching function
		Staircase lighting function
		AND/OR logic function
		Blocking
		Status response
		Relay operation
		Behaviour on failure of the bus voltage
		Behaviour on application/recovery of the bus voltage

The following applications can be selected with the series actuator, flush-mounted/230/6 (art. no. 627199):

Application	Vers.	Function
Push-button + Switch Stairc. Log. Stat. Init. 4714/1.1	1.1	Send 1/8 bit switching commands
		Send 1/8 bit toggle commands
		Send 1/8 bit pulse edge commands via 2 objects
		Send dimming commands with parameterisable dimming steps
		Send blind control commands or positioning values
		Send temperature values
		Send 8 bit values via 2 objects
		Operating display
		Disable push-buttons
		Switching function
		Staircase lighting function
		AND/OR logic function
		Blocking
		Status response
		Relay operation
		Behaviour on failure of the bus voltage
		Behaviour on application/recovery of the bus voltage

The following applications can be selected with the blind actuator, flush-mounted/230/6 (art. no. 627299):

Application	Vers.	Function
Push-button + Blind 5614/1.0	1.0	Send 1/8 bit switching commands
		Send 1/8 bit toggle commands
		Send 1/8 bit pulse edge commands via 2 objects
		Send dimming commands with parameterisable dimming steps
		Send blind control commands or positioning values
		Send temperature values
		Send 8 bit values via 2 objects
		Operating display
		Disable push-buttons
		Blind with slat adjustment
		Roller shutter without slat adjustment
		Safety function