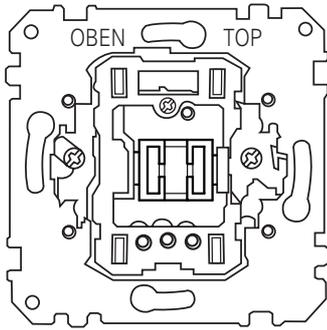


Bus coupling insert, 1-gang



Variant	Article no.
with middle position	671199
without middle position	671198

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1. Function

The rocker for conventional switches/push-buttons, rocker marked "0"/"1", rocker with labelling field and rocker with oval opening for symbols from the M1, Atelier, OctoColor, EPOCA, ANTIK and System Design switch ranges can be clipped onto the 1-gang bus coupling insert.

In the version with a middle position (art. no. 671199), the rocker can be pressed upwards and downwards (3-way rocker). It is a command device for switching, dimming and blind control functions according to the "application software" loaded into the integrated bus coupler. The rocker is in the middle position when it is not operated. In the normal mounting position (LED at the bottom) and with the corresponding parameterisation, a data telegram for ON, BRIGHTER, UP etc. is sent when the upper section of the rocker is pressed while a data telegram for OFF, DARKER, DOWN etc. is sent when the lower section of the rocker is pressed.

In the version without a middle position (art. no. 671198), telegrams are only generated when the lower half of the rocker is pressed (two-way rocker). It is a command device for switching functions. When the lower section of the rocker is pressed, an ON or OFF telegram or sending of the inverted telegram value (toggling) can be generated.

For rockers with an (oval or rectangular) opening for symbols, the red LED can either be used as an orientation light or as a programmable status display.

2. Installation

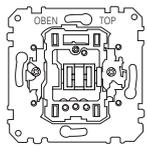
The bus coupling insert can be fixed to a size 60 installation box with two screws or using claws. The device is connected via a bus connecting terminal and snapped onto the bus coupling insert together with the required switch cover and frame.

The AQUACLASSIC and ANTI-VANDALISM switch ranges can be adapted as customised versions for the 1-gang bus coupling insert.

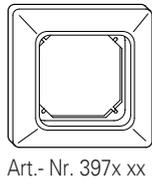
When used in the AQUACLASSIC range, the bus coupling insert can only be used indoors due to the temperature specification.

The bus coupling inserts must also be modified for integration in the ANTI-VANDALISM range. For this reason, only complete devices are manufactured on request.

Installation example



Art.-Nr. 6711 99
 Art.-Nr. 6711 98



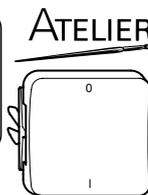
Art.-Nr. 397x xx



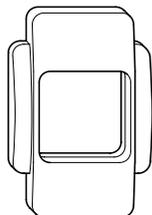
Art.-Nr. 3101 xx
 Art.-Nr. 3102 xx
 Art.-Nr. 3103 xx
 Art.-Nr. 3108 xx



Art.-Nr. 397x xx



Art.-Nr. 3101 xx
 Art.-Nr. 3102 xx
 Art.-Nr. 3103 xx
 Art.-Nr. 3108 xx



Art.-Nr. 394x xx



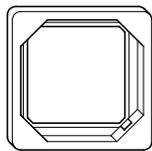
Art.-Nr. 3101 xx
 Art.-Nr. 3102 xx
 Art.-Nr. 3103 xx
 Art.-Nr. 3108 xx



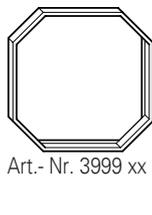
Art.-Nr. 393x xx



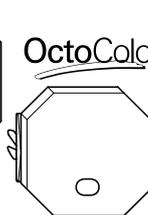
Art.-Nr. 3121 xx
 Art.-Nr. 3122 xx
 Art.-Nr. 3160 xx



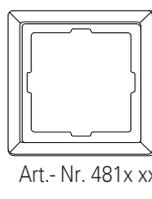
Art.-Nr. 399x xx



Art.-Nr. 3999 xx



Art.-Nr. 3321 xx
 Art.-Nr. 3322 xx
 Art.-Nr. 3323 xx
 Art.-Nr. 3328 xx



Art.-Nr. 481x xx

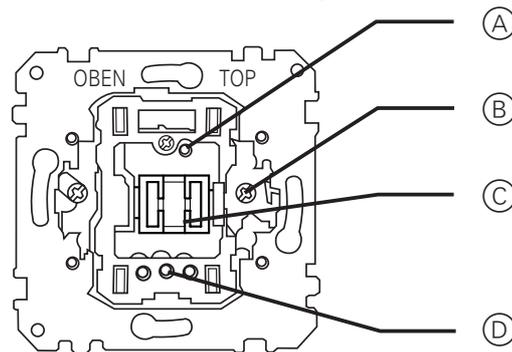


Art.-Nr. 4121 xx
 Art.-Nr. 4122 xx
 Art.-Nr. 4123 xx
 Art.-Nr. 4118 xx
 Art.-Nr. 4139 xx

3. Technical Data

Power supply:	via the bus line
Power consumption from the bus:	max. 50 mW
Initialisation:	Due to the limitation of the telegram rate, a telegram cannot be generated until at least 16 s after the initialisation.
Display elements:	Red LED for status display Red LED for programming check (integrated in the programming button)
Operating elements:	One 2-position switch (art. no. 671198) One 3-position switch (art. no. 671199) Programming button with integrated programming LED
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 bus via:	two 1 mm pins for bus connecting terminal
EC guidelines:	corresponds to low voltage guideline 73/23/EEC; corresponds to EMC guideline 89/336/EEC

Functional and operating elements



- A Programming button with programming LED
- B Claw
- C Adapter for rocker
- D LED

4. Settings in the EIB Tool Software (ETS)

Selection in the product database

Manufacturer: Merten
 Product family: 2.1 Push-button, 1-gang
 Product type: 2.1.12 Bus coupling insert
 Program name: Switch 1412/1
 Media type: Twisted Pair
 Product name: Bus coupling insert, 1-gang, without middle position
 Order number: 671198

Manufacturer: Merten
 Product family: 2.1 Push-button, 1-gang
 Product type: 2.1.12 Bus coupling insert
 Program name: Dim/Blind/Switch 1413/1
 Media type: Twisted Pair
 Product name: Bus coupling insert, 1-gang, with middle position
 Order number: 671199

5. Application overview

The following applications can be selected:

Application	Vers.	Function
Switch 1412/1 (art. no. 671198)	1	Switch (ON/OFF/TOGGLE)
		LED status display
Dim/Blind/Switch 1413/1 (art. no. 671199)	1	Switch (ON/OFF/TOGGLE)
		Control of a group of blinds
		Dimming with stop telegram
		Cyclical dimming
		LED status display