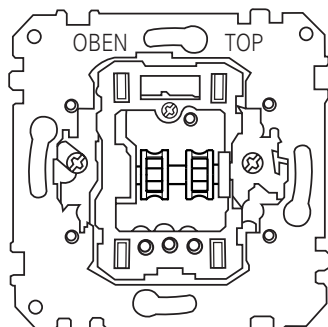


Bus coupling insert, 2-gang



Variant	Article no.
with middle position	621299
without middle position	621298

Table of Contents

1.	Function	1
2.	Installation	1
3.	Technical Data	2
4.	Settings in the EIB Tool Software (ETS)	3
5.	Application overview	3

1. Function

The rockers for conventional series switches and roller shutter switches/push-buttons from the M1, Atelier, OctoColor, EPOCA, ANTIK and System Design switch ranges can be clipped onto the 2-gang bus coupling insert.

In the version with a middle position (art. no. 671299), the rockers can be pressed upwards and downwards (three-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 rockers are in the middle position when they are not operated. In the normal mounting position 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.

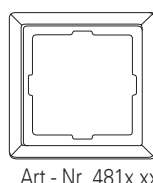
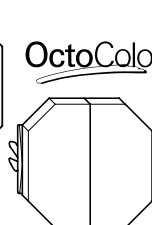
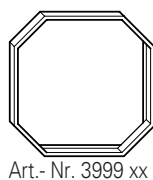
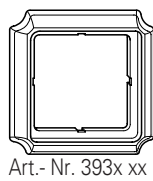
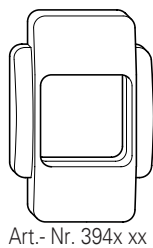
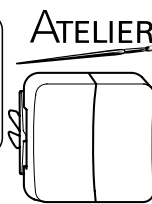
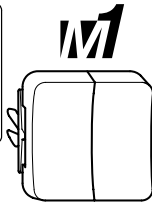
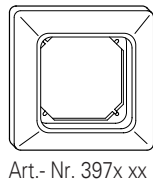
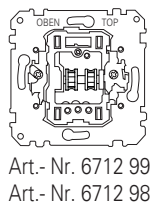
In the version without a middle position (art. no. 671298), telegrams are only generated when the lower half of the rocker is pressed (two-way rocker). It is a command device for switching functions. When the lower section of the rocker is pressed, an ON or OFF telegram or sending of the inverted telegram value (toggling) can be generated.

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 switch range can be adapted as a customised version for the 2-gang bus coupling insert. When used in the AQUAClassic range, the bus coupling insert can only be used indoors due to the temperature specification.

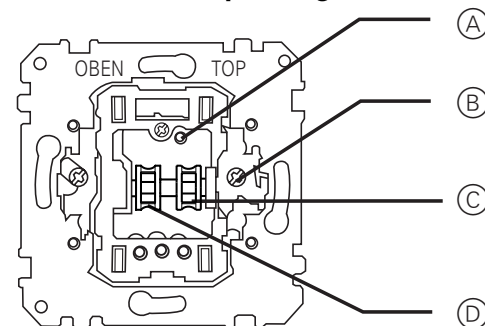
Installation example



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 programming check (integrated in the programming button)
Operating elements	Two 2-position switches (art. no. 671298) Two 3-position switches (art. no. 671299) 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



- Ⓐ Programming button with programming LED
- Ⓑ Claw
- Ⓒ Adapter for series rocker (right rocker)
- Ⓓ Adapter for series rocker (left rocker)

4. Settings in the EIB Tool Software (ETS)

Selection in the product database

Manufacturer: Merten
 Product family: 2.2 Push-button, 2-gang
 Product type: 2.2.12 Bus coupling insert
 Program name: Dim/Blind/Switch 1422/1
 Media type: Twisted Pair
 Product name: Bus coupling insert, 2-gang, without middle position
 Order number: 671298

Manufacturer: Merten
 Product family: 2.2 Push-button, 2-gang
 Product type: 2.2.12 Bus coupling insert
 Program name: Dim/Blind/Switch 1423/1
 Media type: Twisted Pair
 Product name: Bus coupling insert, 2-gang, with middle position
 Order number: 671299

5. Application overview

The following applications can be selected:

Application	Vers.	Function
Dim/Blind/Switch 1422/1 (art. no. 671298)	1	Switch (ON/OFF/TOGGLE)
		Control of a group of blinds
		Dimming with stop telegram
		Cyclical dimming
Dim/Blind/Switch 1423/1 (art. no. 671299)	1	Switch (ON/OFF/TOGGLE)
		Control of a group of blinds
		Dimming with stop telegram
		Cyclical dimming