



The bus coupler FM is the connection between the bus cable and the various application units:

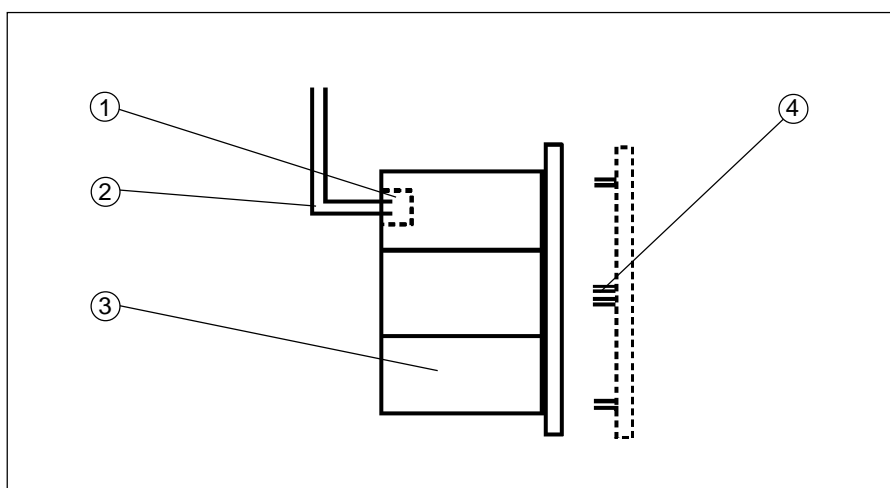
- switch sensors *alpha nea*®, 1-fold, 2-fold, 4-fold,
- Busch-triton® switch sensors, 1-fold, 3-fold, 5-fold,
- switch sensors *solo*®,
- movement sensor,
- presence detector,
- room thermostat,
- RS 232 interface,
- IR interface.

It has a retaining ring for screw fixing in standard flush-mounted or cavity wall switch boxes and in surface-mounted housing.

Technical Data

Power supply	- EIB	24 V DC, via the bus line
Operating and display elements	- Red LED and push button	for entering the physical address
Connections	- EIB	Plug for bus terminal
	- Application unit	10-pole socket connector
Type of protection	- IP 20, EN 60 529 with connected application unit	
Ambient temperature range	- Operation	- 5 °C ... 45 °C
Design	- Flush-mounted device	
Housing, colour	- Plastic housing, grey	
Mounting	- in standard flush-type box, screw fixing using a retaining ring	
Dimensions	- Unit	48 x 44 x 33 mm (H x W x D)
	- Retaining ring	71 x 71 mm
Weight	- 0.06 kg	
Certification	- EIB-certified	
CE norm	- in accordance with the EMC guideline and the low voltage guideline	

Circuit diagram



1 Bus connecting terminal
2 Bus cable

3 Bus coupler
4 Physical external interface

Note

Once the physical address has been assigned, it should be noted on the panel at the front of the bus coupler. Only then should the application units be connected.