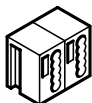


## Bus connecting terminal



Colour	Article no.
red/dark grey	689701

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## 1. Function

The bus connecting terminal is used to connect the bus cable to the REG-K, flush-mounted, surface-mounted and built-in devices; it also acts as a branch terminal. A maximum of 4 core pairs can be connected to a bus connecting terminal.

The bus connecting terminal is 2 pole and in the colours red and dark grey (red for "+", dark grey for "-" of the bus voltage). Each pole has four plug-in terminals for max. 4 bus cable connections.

## 2. Installation

The terminal consists of two interlocking sections. The correct polarity must be ensured during the connection. The following belong together:

- the red core of the bus cable, the red section of the bus connecting terminal and the pin of the device denoted with "+".
- the black core of the bus cable, the dark grey section of the bus connecting terminal and the pin of the device denoted with "-".

If the connections are interchanged, the device is protected against damage by the integrated reverse polarity protection but the device has no function.

With the bus connecting terminal, it is possible to remove a device from the bus without interrupting the bus.

## 3. Technical Data

Max.voltage:	100 V DC
Max. current:	3 A
Max.contact resistance:	50 mΩ
Core diameter:	0,6 ... 0.8 mm
Insulation strip length of cores:	5 ... 6 mm

## 4. Settings in the EIB Tool Software (ETS)

### Selection in the product database

Manufacturer:	Merten
Product family:	1.2 System accessories
Product type:	1.2.04 Bus terminals
Media type:	Twisted Pair
Product name:	Bus connecting terminal
Order number:	689701