

**DATA SHEET**  
**wiring components**  
**B G12TE-1/N/S-10**  
**for DAFDD arc fault detection devices**  
**Article number 09920130**



**Function**

Wiring materials are components for the wiring of residual current circuit-breakers, residual current operated and miniature circuit-breakers and Do switch-disconnectors in industrial, commercial and privately used electrical distribution units. They considerably reduce the installation work and are available in a wide range of versions in multiple-pole design with various conductor cross-sections. The busbars are designed for our DAFDD 1 arc fault detection devices (fire protection switches, AFDD). The third module width of each bar was given a recess for the AFD unit for this purpose. The fork-shaped bars are available in two-terminal and two-terminal-pair designs. The bars establish a quick supply-side connection under the devices and are available in two lengths. They are ready to use immediately in 12 module width units and do not need further modification. They offer space for a total of four DAFDD 1 devices. The busbars which can be cut to length are 60 module width units long and offer space for up to 20 DAFDD 1 devices. They can be shortened to the required length as needed. The open ends of the cut bar are then covered with our 'EK' end caps. Suitable for all bars, the 'EV-S BS' protective caps can be used to cover connections which are not in use. The bars offer an overview of the wiring and provide significant time and cost savings.

**Features**

can be used to connect DAFDD 1 arc fault detection devices (fire protection switches, AFDD), two-terminal or two-terminal-pair, can be cut to length as desired, saves a lot of time during wiring

**Mounting**

The rails are inserted in the lower terminals of the devices to be connected.

**Applications**

Busbars from this series are used in connection with DAFDD 1 in power supplies to residential and purpose-built buildings as well as to industrial facilities.

**Accessories**

input terminals AS, feed-in terminal blocks ES, protective cover caps

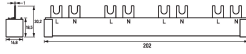
**Technical Data**

Technical Data	B G12TE-1/N/S-10
Series	B G12TE
suitable for model range	DAFDD 1
Phase arrangement	(L, N, S) x 4
Number of connectable devices	4
Number of Phases	1
Specification connection	fork
Rail cross-section	10 mm <sup>2</sup>
Modular dimension, rail	17.8 mm
Rated voltage (AC)	500 V
Rated current (AC)	63 A
Rated short-circuit current	15 kA
Rated impulse withstand voltage	4.5 kV
	<b>General data</b>
Height	16.8 mm
Depth	30.2 mm

Subject to technical changes

Technical Data	B G12TE-1/N/S-10
Module widths	12
Length	202 mm
Weight	0.07 kg

## Dimensions



Dimensional drawing Group view

## Diagrams

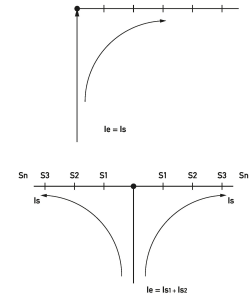


Diagram Power distribution