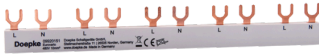


**DATA SHEET**  
**wiring components**  
**BG4.5.10**



For RCCB/MCB combinations DRCBO 4 type B and B+  
 Article number 09920153

symbolic image

**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 cut-to-length busbars of the Eurovario system lend themselves to the supply-side connection of residual current circuit-breakers with integral overcurrent protection combinations DRCBO 4 B+ and B on the underside of the device. The rails have a fork design and are available with two and four poles. The EV-S BS contact protector does not cover connections used.

**Features**

Eurovario system phase bar in forked design with a fixed number of module widths, these rails are not suitable for cutting to length

**Mounting**

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

**Applications**

Busbars from this series are used for residual current circuit-breakers with overcurrent protection (RCCB/MCB combination) of the series DRCBO 4 type B and B+ in power supplies to residential and purpose-built buildings as well as to industrial facilities.

**Notes**

Protective cover only when using "EV-S BS" protective caps for connections that are not used. Higher current can be supplied in the case of joint central supply. Maximum supply current  $I_e > \text{rail current } I_s$ . See diagram.

**Accessories**

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

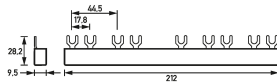
**Technical Data**

Technical Data	BG4.5.10
Series	BG4
suitable for model range	DRCBO 4 Type B/B+
Phase arrangement	L1, N, L2, N (L3), N, L1, N, L2, N
Number of connectable devices	5
Number of Phases	3
Specification connection	fork
Rail cross-section	10 mm <sup>2</sup>
Modular dimension, rail	17.8 mm
Over voltage category	III
Rated voltage (AC)	480 V
Rated current (AC)	63 A
Rated short-circuit current	15 kA
Rated impulse withstand voltage	4.5 kV
	<b>General data</b>
Bar material	Kupfer
Insulated	true
Height	9.5 mm

Subject to technical changes

Technical Data	BG4.5.10
Depth	28.2 mm
Module widths	12
Length	212 mm
Weight	0.08 kg
Design requirements/Standards	EN 60947-1:2007, IEC 60947-1:2007

## Dimensions



Dimensional drawing Group view

## Diagrams

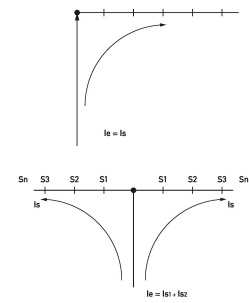


Diagram Power distribution