

## DATA SHEET

Article number : 09920171

# wiring components EV-S G 2.4.120

Eurovario-System nach EN 60664-1, 500 V, 10 mm², fork



#### **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 cut to length and designed for the supply-side connection of residual current circuit-breakers (RCCBs) DFS 2 or DFS 4, miniature circuit-breakers (MCBs) and residual current operated circuit-breakers with integral overcurrent protection (RCBOs) on the bottom of the devices. The bars with furcated cable lug are available in a wide range of variants in one to four-pole design (some also with space for auxiliary switches) and provide time-saving and user-friendly processing options. Unused connections can be covered by the EV-S BS protective cover.

#### **Features**

can be used in connection with residual current circuit-breakers, miniature circuit-breakers and residual current operated circuit-breakers with integral overcurrent protection, wide range of variants, saves a lot of time during wiring

#### Mounting

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

#### **Applications**

Busbars from this series are used in connection with RCCBs, MCBs and RCBOs in power supplies to residential and purpose-built buildings as well as to industrial facilities.

#### Notes

The EV-S G ANL (N left) or EV-S G ANR (N right) connection bars must be used when supplying power to miniature circuit-breakers from above in combination with Doepke residual current circuit-breakers.

#### Accessories

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

### Technical data

Series	EV-S G
suitable for model range	DLS 6, DRCBO 3
Phase arrangement	(L1, L2/N) x 2
Number of connectable devices	2
Number of Phases	2
Specification connection	fork
Rail cross-section	10 mm²
Modular dimension, rail	17.8 mm
Dielectric constant	4
Creep resistance	600
Rated voltage (AC)	500 V
Rated current (AC)	6 <sub>3</sub> A
Rated short-circuit current	15 kA
Rated impulse withstand voltage	4.5 kV
-	General data
Storage temperature	-40 °C 70 °C
Bar material	E-CU F <sub>25</sub>
Insulated	true
Insulating material	Ultramid® A <sub>3</sub> K (or equivalent)
Colour insulating material	light grey
Height	6.5 mm

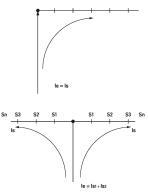
Depth	28 mm
Module widths	4
Length	76 mm
Weight	0.017 kg
Design requirements/Standards	EN 60664-1

# **Dimensions**



Dimensioned drawing wiring components EV-S G 2.4.120

# Diagrams



Diagrams wiring components EV-S G 2.4.120