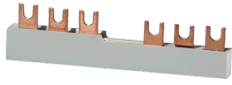


# DATA SHEET

## wiring components

### EV-S G ANR



to connect DFS 2/DFS 4 and DLS 6 for supply from top  
Article number 09920128

#### 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 in this family are designed for the supply-side connection of residual current circuit-breakers (RCCBs) DFS 2 or DFS 4 and miniature circuit-breakers (MCBs) on the top side of the devices. The rails with fork design are available as different variants for residual current circuit breakers with neutral wire left (ANL) or right (ANR). Time-saving and user-friendly processing capability is a feature. Unused connections can be covered by the EV-S BS protective cover.

#### Features

Adapter rail for connecting series DFS RCCBs and series DLS MCBs when supply is from above, compact design, saves a lot of time during wiring

#### Mounting

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

#### Applications

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

#### Notes

The EV-S G Eurovario connection bars or GM bars that can be cut to length must be used when supplying power to miniature circuit-breakers from below in combination with Doepke residual current circuit breakers.

#### Accessories

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

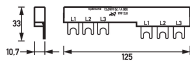
#### Technical Data

| Technical Data   | EV-S G ANR                  |
|--|-----------------------------|
| Series   | EV-S G ANR                  |
| suitable for model range                               | DFS 2, DFS 4, DLS 6         |
| Phase arrangement                                      | L1, L2, L3, (N), L1, L2, L3 |
| Number of connectable devices                          | 4                           |
| Number of Phases                                       | 3                           |
| Specification connection                               | fork                        |
| Rail cross-section                                     | 16 mm <sup>2</sup>          |
| Modular dimension, rail                                | 17.8 mm                     |
| Dielectric constant                                    | 4                           |
| Creep resistance                                       | 600                         |
| Current consumption (AC)                               | max. 120 A                  |
| Rated impulse withstand voltage                        | 4.5 kV                      |
| Rated voltage (AC)                                     | 500 V                       |
| Rated current (AC)                                     | 80 A                        |
| Conditional rated short-circuit current I <sub>q</sub> | 15 kA                       |

Subject to technical changes

| Technical Data                  | EV-S G ANR                    |
|---------------------------------|-------------------------------|
| Rated short-circuit current     | 12.5 kA                       |
| Rated impulse withstand voltage | 4.5 kV                        |
|                                 | <b>General data</b>           |
| Bar material                    | E-CU F25                      |
| Insulated                       | true                          |
| Insulating material             | Ultramid® A3K (or equivalent) |
| Colour insulating material      | light grey                    |
| Height                          | 10.7 mm                       |
| Depth                           | 33 mm                         |
| Module widths                   | 7                             |
| Length                          | 125 mm                        |
| Weight                          | 0.06 kg                       |
| Design requirements/Standards   | EN 60664-1                    |

**Dimensions**



Dimensional drawing Group view

**Diagrams**

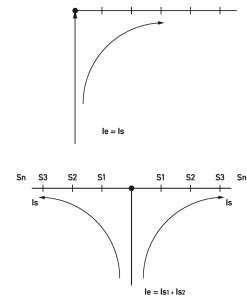


Diagram Power distribution