

Type code

PR-05

Power Rail with grid, 5 leads

Features

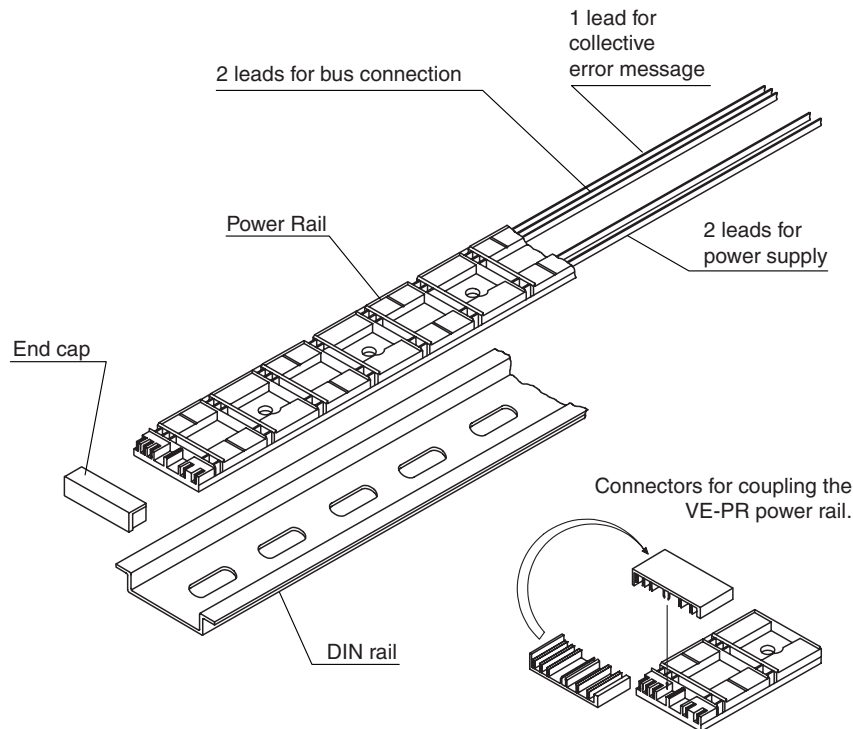
- Alternative power supply
- Nominal current 4 A
- Simple installation
- Standard length 50 cm, can be shortened to any length in 4 cm steps
- Terminating insulation by end cap, included in the delivery package
- with 2 leads for power supply, 2 leads for bus connections and 1 lead for centralised error messages or HART signal transfer (with RPI-system)

Accessories

VE-PR

Linking connector element

Dimensions



Technical data

Electrical specifications

Rated voltage	24 V DC
Rated current	4 A

Ambient conditions

Ambient temperature	-20 ... 60 °C (253 ... 333 K)
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Function

The Power Rail is a simple plastic insert for the standard rail in accordance with EN 50022. It solves all of the power supply wiring problems involved when mounting terminal blocks.

A wide range of interface modules is available. These are supplied with auxiliary power by simply snapping them onto the Power Rail. The supply of power to the 2 Power Rail leads is achieved either by means of a power supply module, or via the terminal strip of a motherboard.

By comparison, the interface module power supply connections are only suitable for the supply of the individual modules. They are not suitable for the supply of the Power Rail or to further conduct the Power Rail voltage.

On the PR-05 Power Rail, 2 additional poles are available for the bus connection of the interface modules.

The Power Rail is supplied in 50 cm sections. It can be cut every 4 cm along its length, at the positions indicated, to suit individual requirements. Gold plated contacts are provided to ensure secure electrical contact.

Please use the standard item UPR-05 for new systems.