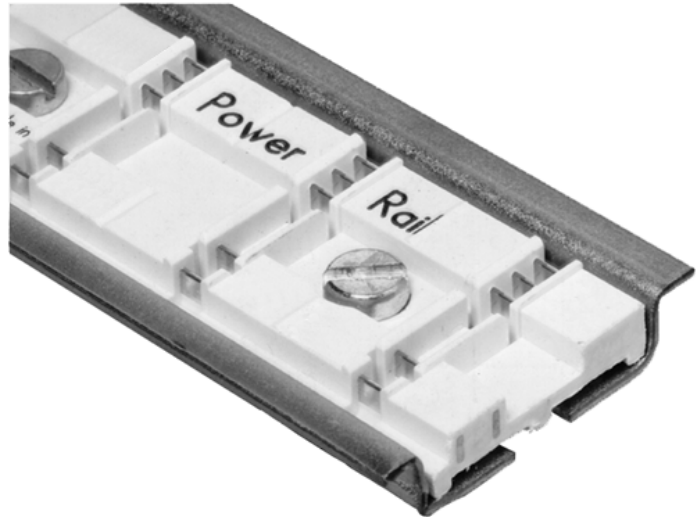


Features and Benefits

- For up to two modules type PF 900 and up to four modules type PC 900
- Not intrinsically safe, no Ex
- 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



Function

Power Rail with 2 leads for power supply, 2 leads for bus connections and 1 lead for collective error messages.

Functionality

General

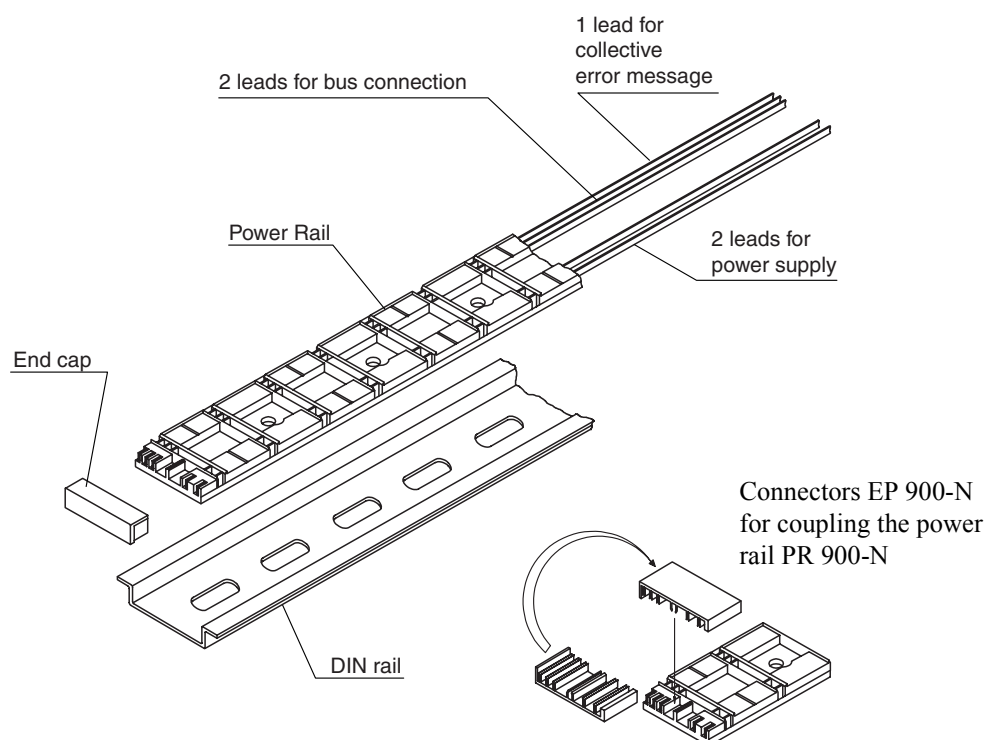
The Power Rail is a simple plastic insert for the standard rail in accordance with EN 50022. It solves all of the power supply wiring problems involved when mounting terminal blocks.

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 two 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. In addition the Power Rail has two leads for the bus connection of the interface modules and one lead for the collective error message.

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.

Assembly



Accessories

Linking connector element EP 900-N (see assembly)

- Connection of two PR 900-N
- Not intrinsically safe, no Ex

Technical Data

Electrical data	Rated voltage	24 V DC
	Rated current	4 A
Ambient conditions	Ambient temperature	-20 ... 60 °C (253 ... 333 K)
	Storage temperature	-40 ... 85 °C (233 ... 358 K)

*For more information on Field^{IT}, contact us at fieldbus@de.abb.com
For the latest information on ABB visit us on the World Wide Web at <http://www.abb.com>*



3BDD011869R101 Printed in Germany June 2005
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