

# RNB22 system power supply unit

## Safely power system interfaces on the DIN rail bus



### Benefits:

- Safe and reliable, single-phase output in the power range up to 100 W
- Smart system function monitoring for fault prevention for high system availability
- Powerful reserve capacity for lower power ranges
- Transient surge protection, short-circuit proof, no-load proof
- Tool-free installation, suited for vertical or horizontal mounting

### Specs at a glance

- **Output** 24...28 V DC
- **Power Supply** 100...240 V AC/DC

More information and current pricing:

[www.id.endress.com/RNB22](http://www.id.endress.com/RNB22)

**Field of application:** The RNB22 is a compact, high-efficiency primary switch mode power supply for DIN rail interface systems. It delivers a reliable, single-phase, **24 V<sub>DC</sub> / 2.5 A** output and runs on a wide-range input from 100 to 240 V<sub>AC</sub> / 110 to 250 V<sub>DC</sub>, with a dynamic and static boost of 5 A and 3.125 A respectively. When run in parallel with the **RNF22** error message module, the RNB22 provides redundancy, increased capacity, as well as function monitoring to report critical operating states before errors occur.

## Features and specifications

### Power supplies & barrier

#### Measuring principle

Active barrier

#### Measuring principle

Power supply

Power supplies & barrier

**Function**

System power supply 24 V  
DC

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**Loop power supply**

24...28 V DC

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**Power Supply**

100...240 V AC/DC

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**Output**

24...28 V DC

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**Certificates**

DNV

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**Operation**

Rotary selector

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