# Product information

## RPS 80 EEC

**Fiber Interfaces**
- Accessories
- Fiber Interfaces:
  - DIN Rail Power Supplies:
    - RPS 80 EEC

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### Name

- RPS 80 EEC

### Delivery informations

- **Availability**: available

### Product description

- **Description**: 24 V DC DIN rail power supply unit
- **Type**: RPS 80 EEC
- **Order No.**: 943 662-080

### More Interfaces

- **Voltage input**: 1 Bi-stable, quick-connect spring clamp terminals, 3-pin
- **Voltage output**: 1 Bi-stable, quick-connect spring clamp terminals, 4-pin

### Power requirements

- **Operating voltage**: 230 V
- **Current consumption**
  - **Activation current**: < 13 A at 230 V AC

### Output data

- **Output voltage**: 24 - 28 V DC (typ. 24.1 V) external adjustable

### Service

- **Diagnostics**: LED (DC OK, Overload)
- **Redundancy**
  - **Redundancy functions**: Power supply units can be connected in parallel
  - **Ambient conditions**
    - **Operating temperature**: -25 °C to +70 °C (ab 60 °C Derating)
    - **Storage/transport temperature**: -40 °C to +85 °C
    - **Relative humidity (non-condensing)**: 5 to 95 %
- **MTBF**: -

### Mechanical construction

- **Dimensions (W x H x D)**: 32 mm x 124 mm x 102 mm
- **Mounting**: DIN Rail 35 mm
- **Weight**: 440 g
- **Protection class**: IP 20

### EMC interference immunity

- **EN 50082-1**: EN 61000-6-1
- **EN 50082-2**: EN 61000-6-2 (includes EN 55024)

### EMC emitted immunity

- **EN 50081-1**: EN 61000-3-2, 61000-3-3, 61000-6-3, 61000-6-4
- **EN 50081-2**: -

### Scope of delivery and accessories

- **Scope of delivery**: Rail power supply,
  - Description and operating manual
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