


## Product information RPS 80 EEC

Industrial Ethernet: System Accessories: Power Supplies and Cables: Power Supplies: RPS 80 EEC

<http://dev-catalog.beldensolutions.com/link/57078-24455-24544-24545-503476-40293/en/conf/ui/istate>

| Name                                       | RPS 80 EEC  |
|--|---|
|  |  |
|  | 24 V DC DIN rail power supply unit  |
| <b>Delivery informations</b>               |   |
| Availability                               | available   |
| <b>Product description</b>                 |   |
| Description                                | 24 V DC DIN rail power supply unit  |
| Type                                       | RPS 80 EEC  |
| Order No.                                  | 943 662-080   |
| <b>More Interfaces</b>                     |   |
| Voltage input                              | 1 Bi-stable, quick-connect spring clamp terminals, 3-pin                          |
| Voltage output                             | 1 Bi-stable, quick-connect spring clamp terminals, 4-pin                          |
| <b>Power requirements</b>                  |   |
| Operating voltage                          | 230 V   |
| <b>Input data</b>                          |   |
| Input voltage                              | 100-240 V AC (+/-15%); 50-60Hz or; 110 to 300 V DC (-20/+25%)                     |
| <b>Current consumption</b>                 |   |
| Current consumption                        | max. 1.8-1.0 A at 100-240 V AC; max. 0.85 - 0.3 A at 110 - 300 V DC               |
| Activation current                         | < 13 A at 230 V AC  |
| <b>Output data</b>                         |   |
| Output voltage                             | 24 - 28 V DC (typ. 24.1 V) external adjustable                                    |
| <b>Output current</b>                      |   |
| Output current                             | 3,4-3,0 A continuous; min 5,0-4,5 A for typ. 4 sec                                |
| <b>Service</b>                             |   |
| Diagnostics                                | LED (DC OK, Overload)   |
| <b>Redundancy</b>                          |   |
| Redundancy functions                       | Power supply units can be connected in parallel                                   |
| <b>Ambient conditions</b>                  |   |
| 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                                       | -   |
| <b>Mechanical construction</b>             |   |
| 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   |
| <b>EMC interference immunity</b>           |   |
| EN 50082-1                                 | EN 61000-6-1  |
| EN 50082-2                                 | EN 61000-6-2 (includes EN 55024)  |
| <b>EMC emitted immunity</b>                |   |
| EN 50081-1                                 | EN 61000-3-2, 61000-3-3, 61000-6-3, 61000-6-4                                     |
| EN 50081-2                                 | -   |
| <b>Approvals</b>                           |   |
| Safety of industrial control equipment     | cUL 508   |
| Safety of information technology equipment | cUL 60950-1   |
| Hazardous locations                        | ISA 12.12.01 Class 1 Div. 2   |
| Shipbuilding                               | Germanischer Lloyd  |
| <b>Scope of delivery and accessories</b>   |   |
| Scope of delivery                          | Rail power supply,<br>Description and operating manual                            |