



## Product information RPS 80 EEC

Industrial Ethernet: System Accessories: Power supply: RPS 80 EEC

<https://e-catalog.hirschmann.com:443/link/57078-24455-24544-24545-40293/en/conf/ulistate>

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



# HIRSCHMANN

A BELDEN BRAND

## Industrial Ethernet: System Accessories: Power supply: RPS 80 EEC

<https://e-catalog.hirschmann.com:443/link/57078-24455-24544-24545-40293/en/conf/ui/state>

<b>Hazardous locations</b>	ISA 12.12.01 Class 1 Div. 2 (pending)
<b>Shipbuilding</b>	Germanischer Lloyd
<b>Scope of delivery and accessories</b>	
<b>Scope of delivery</b>	Rail power supply, Description and operating manual

For more information please contact:

**Hirschmann Automation and Control GmbH**

Stuttgarter Strasse 45-51

72654 Neckartenzlingen

Germany

Phone: +49 7127/14-1809

E-Mail: [inet-sales@belden.com](mailto:inet-sales@belden.com)

The information published in the websites has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price-related/commercial respect. The complete information and data were available on user documentation. Mandatory information can only be obtained by a concrete query.