



RPS 80 EEC

Industrial Networking:Industrial Ethernet:System Accessories:Power supply

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
Input data	
230 V	100-240 V AC (+/-15%); 50-60Hz or 110 to 300 V DC (-20/+25%)
Current consumption	
230 V	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
Output data	
Output voltage	24 - 28 V DC (typ. 24.1 V) external adjustable
Output current	
230 V	3,4-3,0 A continuous min 5,0-4,5 A for typ. 4 sec
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
Approvals	
Safety of industrial control equipment	cUL 508 (E 198865)
Safety of information technology equipment	cUL 60950 (E 137006)
Hazardous locations	UL 1604 Class 1 Div. 2 (E246877)
Scope of delivery and accessories	

Scope of delivery

Rail power supply,
Description and operating manual