



RPS 30

Industrial Networking:Industrial Ethernet:System Accessories:Power supply

Product description	
Description	24 V DC DIN rail power supply unit
Type	RPS 30
Order No.	943 662-003
More Interfaces	
Voltage input	1 terminal block, 3-pin
Voltage output	1 terminal block, 5-pin
Power requirements	
Operating voltage	230 V
Input data	
230 V	100 to 240 V AC; 47 to 63 Hz or 85 to 375 V DC
Current consumption	
230 V	max. 0,35 A at 296 V AC
Activation current	< 36 A at 240 V AC and cold start
Output data	
Output voltage	24 V DC (-0,5%, +0,5%)
Output current	
230 V	1,3 A at 100 - 240 V AC
Service	
Diagnostics	LED (power, DC ON)
Redundancy	
Redundancy functions	Power supply units can be connected in parallel
Ambient conditions	
Operating temperature	-10 °C to +70 °C (from 60 °C derating)
Storage/transport temperature	-25 °C to +85 °C
Relative humidity (non-condensing)	max. 95% without condensation
MTBF	74.2 years; Siemensnorm SN 29500 : 40 °C
Mechanical construction	
Dimensions (W x H x D)	45 mm x 75 mm x 98 mm
Mounting	DIN Rail 35 mm
Weight	230 g
Protection class	IP 20
EMC interference immunity	
EN 50082-1	EN 61000-6-2 (includes EN 55024)
EN 50082-2	EN 61000-6-2 (includes EN 55024)
EMC emitted immunity	
EN 50081-1	EN 50081-1
EN 50081-2	EN 50081-2
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