



## RPS 30

Industrial Networking:Industrial Ethernet:System Accessories:Power supply

<b>Product description</b>	
Description	24 V DC DIN rail power supply unit
Type	RPS 30
Order No.	943 662-003
<b>More Interfaces</b>	
Voltage input	1 terminal block, 3-pin
Voltage output	1 terminal block, 5-pin
<b>Power requirements</b>	
Operating voltage	230 V
<b>Input data</b>	
230 V	100 to 240 V AC; 47 to 63 Hz or 85 to 375 V DC
<b>Current consumption</b>	
230 V	max. 0,35 A at 296 V AC
Activation current	< 36 A at 240 V AC and cold start
<b>Output data</b>	
Output voltage	24 V DC (-0,5%, +0,5%)
<b>Output current</b>	
230 V	1,3 A at 100 - 240 V AC
<b>Service</b>	
Diagnostics	LED (power, DC ON)
<b>Redundancy</b>	
Redundancy functions	Power supply units can be connected in parallel
<b>Ambient conditions</b>	
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
<b>Mechanical construction</b>	
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
<b>EMC interference immunity</b>	
EN 50082-1	EN 61000-6-2 (includes EN 55024)
EN 50082-2	EN 61000-6-2 (includes EN 55024)
<b>EMC emitted immunity</b>	
EN 50081-1	EN 50081-1
EN 50081-2	EN 50081-2
<b>Approvals</b>	
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)
<b>Scope of delivery and accessories</b>	
Scope of delivery	Rail power supply, Description and operating manual