



RPS60/48V EEC

Industrial Networking:Industrial Ethernet:System Accessories:Power supply

Product description

Description	48 V DC rail power supply unit
Type	RPS60/48V EEC
Order No.	943 952-001

More Interfaces

Voltage input	1 Federkraft-Klemmblock, 4-polig
Voltage output	1 Federkraft-Klemmblock, 4-polig

Power requirements

Operating voltage	230 V
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Input data

230 V	100 to 240 V AC; 50-60Hz or 85 to 264 V AC; 47-63Hz (DC 100 to 375V)
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Current consumption

230 V	Max. 0.7 A at 230 V max. 1.3 A at 100V < 40 A at 264 V AC
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Output data

Output voltage	47-52 V DC (typ. 48 V); externally adjustable
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Output current

230 V	1,25 A static at 48 V nominal 1,88 A (150% of nominal load) for max. 2,5 seconds
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Service

Diagnostics	LED (green)
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Ambient conditions

Operating temperature	-10 °C to +70 °C
Storage/transport temperature	-25 °C to +85 °C
Relative humidity (non-condensing)	max. 95 % without condensation

Mechanical construction

Dimensions (W x H x D)	44,8 mm x 75 mm x 104,5 mm
Mounting	DIN Rail 35 mm
Weight	245 g
Protection class	IP 20

EMC interference immunity

EN 50082-1	EN 61000-6-1
EN 50082-2	EN 61000-6-2

EMC emitted immunity

EN 50081-1	61000-6-3, 61000-6-4, EN 55011, EN 55022 class A
EN 50081-2	harmonic input current, fulfills EN 61000-3-2

Approvals

Safety of industrial control equipment	UL 508
Safety of information technology equipment	cUL 60950
Hazardous locations	Ex nA II T4 X

Scope of delivery and accessories

Scope of delivery	Rail power supply, ferrit with safety key, Description and operating manual
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