



Part Number: RPS 60/48V EEC

48 V DC rail power supply unit

Product Description

48 V DC rail power supply unit

Technical Specifications

Product description

Type:	RPS 60/48V EEC
Part Number:	943 952-001

More Interfaces

Voltage input:	1 x terminal block, 4-pin
Voltage output:	1 x terminal block, 4-pin

Power requirements

Current consumption:	Max. 0.7 A at 230 V; max. 1.3 A at 100V
Input voltage:	100 to 240 V AC; 50-60Hz or; 85 to 264 V AC; 47-63Hz (DC 100 to 375V)
Operating Voltage:	230 V
Output current:	1.25 A static at 48 V nominal; 1.88 A (150% of nominal load) for max. 2.5 seconds
Activation Current:	40 A at 264 V AC

Power Output

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

Diagnostics:	LED (green)
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Ambient conditions

Operating temperature:	-20-+70 °C
Storage/transport temperature:	-40-+85 °C
Relative humidity (non-condensing):	5-95 %

Mechanical construction

Dimensions (WxHxD):	44,8 mm x 75 mm x 104,5 mm
Weight:	245 g
Mounting:	DIN Rail
Protection class:	IP20

Mechanical stability

IEC 60068-2-6 vibration:	Operating: 4 ... 500Hz 1,5g
IEC 60068-2-27 shock:	15 g, 11 ms duration

EMC interference immunity

EN 61000-4-2 electrostatic discharge (ESD):	± 8 kV contact discharge; ± 15 kV air discharge
EN 61000-4-3 electromagnetic field:	10 V/m (80 MHz ... 3000 MHz)

EN 61000-4-4 fast transients (burst):	4 kV power line
EN 61000-4-5 surge voltage:	power lines: 4 kV (line/earth), 2 kV (line/line)
EN 61000-4-6 Conducted Immunity:	10 V (150 kHz .. 80 MHz)

Approvals

Basis Standard:	CE
Safety of industrial control equipment:	EN 60950-1
Safety of information technology equipment:	CSA60950-1-03
Safety of information technology equipment:	UL60950-1 1st Edition
Hazardous locations:	CSA 60079-0/-15 Class I, Division 2

Scope of delivery and accessories

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

Item #	Type
943952001	RPS 60/48V EEC

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