



Product information
RPS60/48V EEC
943 952-001

Name	
RPS60/48V EEC	
	
48 V DC rail power supply unit	
Delivery informations	
Availability	available
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
Input data	
230 V	100 to 240 V AC; 50-60Hz or 85 to 264 V AC; 47-63Hz (DC 100 to 375V)
Current consumption	
230 V	Max. 0.7 A at 230 V max. 1.3 A at 100V
Activation current	< 40 A at 264 V AC
Output data	
Output voltage	47-52 V DC (typ. 48 V); externally adjustable
Output current	
230 V	1,25 A static at 48 V nominal 1,88 A (150% of nominal load) for max. 2,5 seconds
Service	
Diagnostics	LED (green)
Ambient conditions	
Operating temperature	-20 °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	cUL 508 (pending)
Safety of information technology equipment	cUL 60950-1 (pending)
Hazardous locations	ISA 12.12.01 Class 1 Div. 2

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