




Product information RPS90/48V LV

Industrial Ethernet: System Accessories: Power supply: RPS90/48V LV

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Name	RPS90/48V LV
	
	48 V DC rail power supply unit
Delivery informations	
Availability	available
Product description	
Description	48 V DC rail power supply unit
Type	RPS90/48V LV
Order No.	943 980-001
More Interfaces	
Voltage input	1 terminal block, 2-pin
Voltage output	1 terminal block, 4-pin
Power requirements	
Operating voltage	24 V DC
Input data	
Input voltage	N/A
Current consumption	
Current consumption	24 V DC (4,2 A), 48 V DC (2,1 A)
Activation current	N/A
Output data	
Output voltage	48 - 54 V DC (typ. 48 V); externally adjustable
Output current	
Output current	1.9 A static at 48 V nominal
Service	
Diagnostics	LED (green)
Redundancy	
Redundancy functions	redundant power supply
Ambient conditions	
Operating temperature	-25 °C to +60 °C
Storage/transport temperature	-40 °C to +85 °C
Relative humidity (non-condensing)	max. 95 % without condensation
MTBF	1 878 940 h (according to MIL-HDBK-217 Ausgabe F Notice 2)
Mechanical construction	
Dimensions (W x H x D)	60 mm x 137 mm x 115 mm
Mounting	DIN Rail
Weight	770 g
Protection class	IP 30
EMC interference immunity	
EN 50082-1	EN 61000-6-1
EN 50082-2	EN 61000-6-2 (including EN 55024), EN 61850-3, IEEE 1613, EN 50121-4, 50121-3-2, GL (pending)
EMC emitted immunity	
EN 50081-1	61000-6-3
EN 50081-2	61000-6-4, EN 55011, EN 55022 Klasse A, GL (pending), Netzrückwirkungen gemäß 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 (pending)



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Shipbuilding	Germanischer Lloyd, ABS
Employment in vehicles	E1
Railway norm	EN 50121-4, EN50155
Substation	IEC 61850-3, IEEE 1613
Scope of delivery and accessories	
Scope of delivery	Rail Power Supply, Description and operating manual, 1 x terminal block, 2-pin, 1 x terminal block, 4-pin

For more information please contact:

Hirschmann Automation and Control GmbH

Stuttgarter Strasse 45-51

72654 Neckartenzlingen

Germany

Phone: +49 7127/14-1809

E-Mail: inet-sales@belden.com

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