



Product: [RPS 260/PoE EEC](#) 

48 - 56 V DC rail power supply unit

Product Description

Din-Rail PoE power supply, 260 W output power, 48 V DC output voltage, 100-240 V AC input voltage, operating temperature -25 °C up to +70 °C

Technical Specifications

Product description

Type:	RPS 260/PoE EEC
Description:	48 - 56 V DC rail power supply unit
Part Number:	942200001

More Interfaces

Voltage input:	1 x terminal block, 3-pin
Voltage output:	1 x terminal block, 5-pin

Power requirements

Current consumption:	2.32A / 120VAC 1.20A / 230VAC
Input voltage:	AC 100-240V, DC 110-150V
Operating Voltage:	AC 100-240V, DC 110-150V
Output current:	6.0A/48V/ up to 45°C 5.15A/56V/ up to 45°C
Redundancy functions:	Power supply units can be connected in parallel
Activation Current:	9 A

Power Output

Output voltage:	48 - 56 V DC (typ. 48 V) externally adjustable
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Software

Diagnostics:	LED and relay contact
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Ambient conditions

MTBF:	509000 h (230VAC)
Operating temperature:	-25-+70 °C
Storage/transport temperature:	-40-+85 °C
Relative humidity (non-condensing):	5-95 %

Mechanical construction

Dimensions (WxHxD):	39 mm x 124 mm x 117 mm
Weight:	600 g
Mounting:	DIN Rail
Protection class:	IP20

Mechanical stability

IEC 60068-2-6 vibration:	Operating: 2 ... 500Hz 2g
IEC 60068-2-27 shock:	20 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:	20 V/m (80 MHz ... 2700 MHz)
EN 61000-4-4 fast transients (burst):	2 kV power lines, 2kV data line
EN 61000-4-5 surge voltage:	power lines: 2 kV (line/earth), 1 kV (line/line)
EN 61000-4-6 Conducted Immunity:	10 V (150 kHz .. 80 MHz)

EMC emitted immunity

EN 55032:	EN 55032 Class A
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Approvals

Basis Standard:	CE
Safety of industrial control equipment:	cUL 508
Safety of information technology equipment:	cUL 60950-1
Railway norm:	EN50121-4

Scope of delivery and accessories

Scope of delivery:	Rail power supply, Description and operating manual
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Further Instructions

Product Documentation:	https://www.doc.hirschmann.com
Certificates:	https://www.doc.hirschmann.com/certificates.html

History

Update and Revision:	Revision Number: 0.78 Revision Date: 03-15-2023
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Variants

Item #	Type
942200001	RPS 260/PoE EEC

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