HIRSCHMANN
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Product: RPS 30, Rail Power Supply

24 V DC DIN rail power supply unit

Product Description

24 V DC DIN rail power supply unit

Technical Specifications

Product description

Type:	RPS 30
Description:	24 V DC DIN rail power supply unit
Part Number:	943662003

More Interfaces

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

Power requirements

Current consumption:	max. 0,35 A at 296 V AC
Input Voltage:	100 to 240 V AC; 47 to 63 Hz or 85 to 375 V DC
Operating Voltage:	230 V
Output Current:	1.3 A at 100 - 240 V AC
Redundancy functions:	Power supply units can be connected in parallel
Activation Current:	&lt36 A at 240 V AC and cold start

Power Output

Output voltage:	24 V DC (-0,5%, +0,5%)

Software

Diagnostics:	LED (power, DC ON)

Ambient conditions

Operating temperature:	-10-+70 °C
Note:	from 60 ‖C derating
Minimum Storage Temperature:	-40-+85 °C
Relative humidity (non-condensing):	5-95 %

Mechanical construction

Dimensions (WxHxD):	45 mm x 75 mm x 91 mm
Weight:	230 g
Mount Type:	DIN Rail
IP Protection Rating:	IP20

Mechanical stability

IEC 60068-2-6 vibration:	Operating: 2 … 500Hz 0,5m²/s³

IEC 60068-2-27 shock:	10 g, 11 ms duration

EMC interference immunity

EN 61000-4-2 electrostatic discharge (ESD):	± 4 kV contact discharge; ± 8 kV air discharge
EN 61000-4-3 electromagnetic field:	10 V/m (80 MHz ... 2700 MHz)
EN 61000-4-4 fast transients (burst):	2 kV power 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

Approvals

Basis Standard:	CE
Safety of industrial control equipment:	cUL 60950-1, cUL 508
Safety of information technology equipment:	cUL 60950-1
Hazardous locations:	ISA 12.12.01 Class 1 Div. 2 (pending)
Shipbuilding:	DNV

Reliability

Guarantee:	24 months (please refer to the &lta href="https://assets.belden.com/m/1424ddb7a3280e7a/original/Hirschmann-Automation-and-Control-GmbH-Terms-of-Guarantee.pdf"terms of guarantee &lt/a for detailed information)

Scope of delivery and accessories

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

Further Instructions

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

History

Update and Revision:	Revision Number: 0.126 Revision Date: 02-20-2026

Variants

Item #	Type
943662003	RPS 30, Rail Power Supply

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