HIRSCHMANN
A BELDEN BRAND



# 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 ºC up to +70 ºC

## 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

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

### Software

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|---|---|
| Diagnostics: | LED and relay contact |

### Ambient conditions

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

### Mechanical construction

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|---|---|
| Dimensions (WxHxD): | 39 mm x 124 mm x 117 mm |
| Weight: | 600 g |
| Mount Type: | DIN Rail |
| IP Protection Rating: | IP20 |

### Mechanical stability

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|---|---|
| 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 |

## Approvals

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

## 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

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|---|---|
| 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: 0.100 Revision Date: 02-20-2026 |

**Variants**

| Item # | Type |
|---|---|
| 942200001 | RPS 260/PoE EEC |

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