



## Product: [Rail Power Injector, RPI-A1-4PoE](#)

Industrial, fanless Fast/Gigabit PoE Injector, PoE/PoE+ (IEEE 802.3at), 30W (25.5W at load) per port

### Product Description

The RPI-A1-4PoE is a DIN-rail mountable single-phase-input power supply, which provides power for Power over Ethernet (PoE and PoE+) applications. It injects power to 4 individual PoE channels (IEEE 802.3at) via RJ45 Ethernet ports to supply powered devices (PD) of type 1 and type 2.

### Technical Specifications

#### Product description

|                         |                               |
|-------------------------|-------------------------------|
| Part Number:            | 942226001                     |
| Port type and quantity: | 4 x 10/100/1000 BASE-TX ports |

#### Power requirements

|                    |                                 |
|--------------------|---------------------------------|
| Operating Voltage: | 110 - 150 VDC and 100 - 240 VAC |
| Power consumption: | 160 W                           |

#### Ambient conditions

|                                     |  |
|-------------------------------------|--|
| MTBF:                               | 137 years (48V/2.7A) (according SN29500, IEC61709) |
| Operating temperature:              | -25-+60 °C   |
| Relative humidity (non-condensing): | 5-95 %   |

#### Mechanical construction

|                     |                        |
|---------------------|------------------------|
| Dimensions (WxHxD): | 77mm x 128 mm x 177 mm |
| Weight:             | 850 g                  |
| Protection class:   | IP20                   |

#### Approvals

|   |  |
|---|--|
| Safety of industrial control equipment: | EN60950-1, EN 61131-2 , cUL60950-1 (pending) |
| Transportation:                         | EN50121-4                                    |

#### Reliability

|            |   |
|------------|---|
| Guarantee: | 24 months (please refer to the terms of guarantee for detailed information) |
|------------|---|

#### Further Instructions

|                        |   |
|------------------------|---|
| Product Documentation: | <a href="https://www.doc.hirschmann.com">https://www.doc.hirschmann.com</a>                                     |
| Certificates:          | <a href="https://www.doc.hirschmann.com/certificates.html">https://www.doc.hirschmann.com/certificates.html</a> |

#### History

|                      |   |
|----------------------|---|
| Update and Revision: | Revision Number: 0.54 Revision Date: 04-17-2024 |
|----------------------|---|

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