



**Product:** [Rail Power Injector, RPI-A1-8PoE](#) 

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

**Product Description**

The RPI-A1-8PoE is a DIN-rail mountable single-phase-input power supply with built-in PoE+ injector functionality. It provides a stabilized and galvanically separated SELV/PELV output voltage. It provides 8x RJ45 Ethernet ports for data input and 8xRJ45 Ethernet ports with PoE+ according to standard IEEE802.3at.

**Technical Specifications**

**Product description**

Part Number:	942224001
Port type and quantity:	8 x 10/100/1000 BASE-TX ports

**Power requirements**

Operating Voltage:	110 - 150 VDC and 100 - 240 VAC
Power consumption:	280 W

**Ambient conditions**

MTBF:	137 years (48V/5.4A) (according SN29500, IEC61709)
Operating temperature:	-25-+60 °C
Relative humidity (non-condensing):	5-95 %

**Mechanical construction**

Dimensions (WxHxD):	77 mm x 128 mm x 117 mm
Weight:	900 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)
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**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: 0.86 Revision Date: 10-24-2023
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**Variants**

Item #	Type
942224001	RPI-A1-8PoE, PoE Injector

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