HIRSCHMANN
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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

Product Life Cycle

Last Order Date:	2025-09-30
Last Delivery Date:	2025-12-31

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
IP Protection Rating:	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 &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)

Further Instructions

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

History

Update and Revision:	Revision Number: 0.106 Revision Date: 02-20-2026

Variants

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

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