



Product: Rail Power Injector, RPI-P1-4PoE

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

Product Description

The RPI-P1-4PoE is a DIN-rail mountable injector, 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:	942227001
I	Port type and quantity:	4 x 10/100/1000 BASE-TX ports

Power requirements

Operating Voltage:	48 - 56 VDC
Power consumption:	125 W

Ambient conditions

MTBF:	152 years (48V/2.7A) (according SN29500, IEC61709)
Operating temperature:	-25-+60 °C
Relative humidity (non-condensing):	5-95 %

Mechanical construction

Dimensions (WxHxD):	39 mm x 128 mm x 117 mm
Weight:	340 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:	https://www.doc.hirschmann.com			
Certificates:	https://www.doc.hirschmann.com/certificates.html			

History

11 1 1 1 B 1 1	
Update and Revision:	Revision Number: 0.54 Revision Date: 04-17-2024

© 2024 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

 . .

. . . .

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or guality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.