



Part Number: 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

| | |
|-------------------------|-------------------------------|
| Type: | RPI-A1-8PoE |
| Part Number: | 942 224-001 |
| 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

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|-------------------------------------|--|
| MTBF: | 137 years (48V/5.4A) (according SN29500, IEC61709) |
| Operating temperature: | -25-+70 °C |
| Relative humidity (non-condensing): | 5-95 % |

Mechanical construction

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|---------------------|-------------------------|
| 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 |

Scope of delivery and accessories

Variants

| Item # | Type |
|-----------|-------------|
| 942224001 | RPI-A1-8PoE |

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