



Product: [SPIDER Giga 2TX PoE EEC](#) 

Industrial Ethernet PoE Injector

Product Description

Unmanaged Industrial Ethernet DIN Rail Mount Power over Ethernet Injector with extended temperature range, 10/100/1000 Mbit/s RJ45

Technical Specifications

Product description

Description:	Industrial ETHERNET Power over Ethernet Injector, 10/100/1000 Mbit/s Ethernet
Part Number:	942059001
Port type and quantity:	2 x 10/100/1000BASE-T(X), 1 x PoE+ according to IEEE802.3at, TP-cable, RJ45 sockets

More Interfaces

Power supply/signaling contact:	1 x plug-in terminal block, 6-pin, no signaling contact
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Network size - length of cable

Twisted pair (TP):	0-100 m
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Power requirements

Operating Voltage:	24 V DC - 48 V DC redundant
Power consumption:	max. 33,8 Watt (with PoE), 115,4 Btu(IT)/h

Diagnostics features

Diagnostic functions:	LEDs (Power, PoE)
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Ambient conditions

MTBF (Telecordia SR-332 Issue 3) @ 25°C:	1419817 h
Operating temperature:	-40-+70 °C
Storage/transport temperature:	-45-+85 °C
Relative humidity (non-condensing):	5-95 %

Mechanical construction

Dimensions (WxHxD):	30 mm x 140 mm x 95 mm
Weight:	420 g
Mounting:	DIN Rail, Wall mounting
Protection class:	IP30

Mechanical stability

IEC 60068-2-6 vibration:	3.5 mm, 3 Hz-9 Hz, 10 cycles, 1 octave/min.; 1g, 9 Hz-150 Hz, 10 cycles, 1 octave/min
IEC 60068-2-27 shock:	15 g, 11 ms duration

EMC interference immunity

EN 61000-4-2 electrostatic discharge (ESD):	4 kV contact discharge, 8 kV air discharge
EN 61000-4-3 electromagnetic field:	10 V/m (80-1000 MHz)
EN 61000-4-4 fast transients (burst):	2 kV power line, 1 kV data line

EN 61000-4-5 surge voltage:	power line: 0.5 kV (line/earth), 0.5 kV (line/line)
EN 61000-4-6 Conducted Immunity:	10 V (150 kHz-80 MHz)

EMC emitted immunity

EN 55022:	EN 55022 Class A
FCC CFR47 Part 15:	FCC 47CFR Part 15, Class A

Approvals

Safety of industrial control equipment:	cUL 508
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Further Instructions

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

History

Update and Revision:	Revision Number: 0.134 Revision Date: 03-10-2023
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Variants

Item #	Type
942059001	SPIDER Giga 2TX PoE EEC

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