



**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:	<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>

### Variants

Item #	Type
942059001	SPIDER Giga 2TX PoE EEC

Update and Revision:	Revision Number: 0.128 Revision Date: 01-26-2023
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