## Product information

**SPIDER Giga 2TX PoE EEC**

**Industrial Ethernet:** Unmanaged Industrial Ethernet Switches: SPIDER PoE-Switches: SPIDER Giga 2TX PoE EEC


### Name

SPIDER Giga 2TX PoE EEC

### Delivery informations

| Availability | available |

### Product description

**Description:**
Industrial ETHERNET Power over Ethernet Injector, 10/100/1000 Mbit/s Ethernet

**Port type and quantity:**
2 x 10/100/1000BASE-T(X), 1 x PoE+ according to IEEE802.3at, TP-cable, RJ45 sockets

**Type:**
SPIDER Giga 2TX PoE EEC

**Order No.:**
942 059-001

### More interfaces

#### Power supply/signaling contact

- 1 plug-in terminal block, 6-pin, no signaling contact

#### Network size - length of cable

- Twisted pair (TP): 0-100 m
- Multimode fiber (MM) 50/125 µm: n/a
- Multimode fiber (MM) 62.5/125 µm: n/a
- Single mode fiber (SM) 9/125 µm: n/a
- Single mode fiber (LH) 9/125 µm (long haul transceiver): n/a

### Power requirements

#### Operating voltage

- 24/48 V DC redundant

#### Current consumption at 24 V DC

- max. 1.39 A (with PoE)

#### Power consumption

- max. 33.8 Watt (with PoE), 115.4 Btu(IT)/h

### Service

#### Diagnostics

- LEDs (Power, PoE)

#### Ambient conditions

- **Operating temperature:** -40°C to +70°C
- **Storage/transport temperature:** -45°C to +85°C
- **Relative humidity (non-condensing):** 5% to 95%
- **MTBF:** 1,419,817 h

### Mechanical construction

#### Dimensions (W x H x D)

- 30 mm x 140 mm x 95 mm

#### Mounting

- DIN Rail 35 mm, wall mounting

#### Weight

- 420 g

#### Protection class

- IP30

### Mechanical stability

#### IEC 60068-2-27 shock

- 15 g, 11 ms duration

#### 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.

### 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)
- 10 V (150 kHz - 80 MHz)

#### EMC emitted immunity

- FCC CFR47 Part 15
- EN 61000-6-4

### FCC CFR47 Part 15

- FCC CFR47 Part 15 Class A

### EN 61000-6-4

- EN 61000-6-4
### Industrial Ethernet

#### Unmanaged Industrial Ethernet Switches: SPIDER PoE-Switches: SPIDER Giga 2TX PoE EEC


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<td>Device, terminal block, operating manual, wall-mounting Kit</td>
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<td><strong>Accessories to order separately</strong></td>
<td>Rail Power Supply RPS60/48V EEC oder Rail Power Supply RPS 80 EEC</td>
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