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A BELDEN BRAND

## Product information SPIDER Giga 2TX PoE EEC

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

<http://e-catalog.hirschmann.com/link/57078-24455-49855-211393-400965/en/conf/uistate>

| Name                                                    | SPIDER Giga 2TX PoE EEC                                                                   |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------|
|                                                         |          |
|                                                         | Industrial ETHERNET Power over Ethernet Injector, 10/100/1000 Mbit/s Ethernet             |
| <b>Delivery informations</b>                            |                                                                                           |
| Availability                                            | available                                                                                 |
| <b>Product description</b>                              |                                                                                           |
| 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                                                                               |
| <b>More Interfaces</b>                                  |                                                                                           |
| Power supply/signaling contact                          | 1 plug-in terminal block, 6-pin, no signaling contact                                     |
| <b>Network size - length of cable</b>                   |                                                                                           |
| 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                                                                                       |
| <b>Power requirements</b>                               |                                                                                           |
| 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                                                |
| <b>Service</b>                                          |                                                                                           |
| Diagnostics                                             | LEDs (Power, PoE)                                                                         |
| <b>Ambient conditions</b>                               |                                                                                           |
| 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                                                                               |
| <b>Mechanical construction</b>                          |                                                                                           |
| 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                                                                                      |
| <b>Mechanical stability</b>                             |                                                                                           |
| 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. |
| <b>EMC interference immunity</b>                        |                                                                                           |
| 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)                                                                   |
| <b>EMC emitted immunity</b>                             |                                                                                           |
| FCC CFR47 Part 15                                       | FCC CFR47 Part 15 Class A                                                                 |
| EN 61000-6-4                                            | EN 61000-6-4                                                                              |



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#### Approvals

|                                        |         |
|----------------------------------------|---------|
| Safety of industrial control equipment | cUL 508 |
|----------------------------------------|---------|

#### Scope of delivery and accessories

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Scope of delivery | Device, terminal block, operating manual, wall-mounting Kit |
|-------------------|-------------------------------------------------------------|

|                                 |                                                                   |
|---------------------------------|-------------------------------------------------------------------|
| Accessories to order separately | Rail Power Supply RPS60/48V EEC oder Rail Power Supply RPS 80 EEC |
|---------------------------------|-------------------------------------------------------------------|

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