



Product information SPIDER 1TX/1FX-MM PD EEC

Industrial Ethernet:Unmanaged Industrial Ethernet Switches:SPIDER PoE-Switches:SPIDER 1TX/1FX-MM PD EEC

<https://e-catalog.beldensolutions.com:443/link/57078-24455-49855-211393-206648/en/conf/ui/istate>

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|---|---|
| Name | SPIDER 1TX/1FX-MM PD EEC |
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| | 2 Port Switch with 1 x TX PoE PD Port and 1 x FX multimode SC port; enhanced environmental conditions |
| Delivery informations | |
| Availability | available |
| Product description | |
| Description | 2 Port Switch with 1 x TX PoE PD Port and 1 x FX multimode SC port; enhanced environmental conditions |
| Port type and quantity | 1 x 10/100BASE-TX, 1 x PoE according to IEEE802.3af, 1 x FX multimode SC port, TP-cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity |
| Type | SPIDER 1TX/1FX-MM PD EEC |
| Order No. | 942 051-002 |
| Classification | |
| Belden brand | Hirschmann |
| More Interfaces | |
| Power supply/signaling contact | PoE feeding, no signaling contact |
| Network size - length of cable | |
| Twisted pair (TP) | 0 m ... 100 m |
| Multimode fiber (MM) 50/125 µm | 0 - 2 km |
| Multimode fiber (MM) 62.5/125 µm | 0 - 2 km |
| Single mode fiber (SM) 9/125 µm | n/a |
| Single mode fiber (LH) 9/125 µm (long haul transceiver) | n/a |
| Network size - cascadiability | |
| Line - / star topology | any |
| Power requirements | |
| Operating voltage | 48 VDC (36 ... 57 VDC, phantom power) |
| Current consumption at 48 V DC | 66 mA |
| Power output in Btu (IT) h | 10.7 |
| Service | |
| Diagnostics | LEDs (power, link status, data, data rate) |
| Ambient conditions | |
| Operating temperature | -40 °C ... 70 °C |
| Storage/transport temperature | -40 °C ... 85 °C |
| Relative humidity (non-condensing) | 5 % ... 95 % |
| MTBF | 55.3 years (MIL-HDBK-217F) |
| Mechanical construction | |
| Dimensions (W x H x D) | 25 mm x 100 mm x 70 mm |
| Mounting | DIN Rail |
| Weight | 171 g |
| Protection class | IP30 |
| EMC interference immunity | |
| EN 61000-4-2 electrostatic discharge (ESD) | 6 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, 4 kV data line |
| EN 61000-4-5 surge voltage | power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line |
| EN 61000-4-6 conducted immunity | 10 V (150 kHz-80 MHz) |
| EMC emitted immunity | |
| FCC CFR47 Part 15 | FCC 47 CFR Part 15 Class A |



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|---|--|
| EN 55022 | EN 55022 Class A |
| Approvals | |
| Safety of industrial control equipment | cUL 508 |
| EMV regulations for assembly in vehicles | Approval according to automotive directive 2005/83/EG (E13) in preparation |
| Employment in vehicles | E1 |
| Scope of delivery and accessories | |
| Scope of delivery | device, manual |

For more information please contact:

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