



Product information SPIDER 1TX/1FX-SM EEC

Industrial Ethernet:Entry Level Hubs And Switches:Unmanaged Standard Rail Switches:SPIDER 1TX/1FX-SM EEC

<http://www.e-catalog.beldensolutions.com/link/57078-24455-49855-50103-40397/en/conf/ui/state>

Name SPIDER 1TX/1FX-SM EEC



Entry Level Industrial ETHERNET Rail Switch, store and forward switching mode, Ethernet and Fast-Ethernet (10/100 Mbit/s)

Delivery informations

Availability available

Product description

Description Entry Level Industrial ETHERNET Rail Switch, store and forward switching mode, Ethernet and Fast-Ethernet (10/100 Mbit/s)

Port type and quantity

1 x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity
1 x 100BASE-FX, SM cable, SC sockets

Type

SPIDER 1TX/1FX-SM EEC

Order No.

943 928-001

More Interfaces

Power supply/signaling contact 1 plug-in terminal block, 3-pin, no signal contact

Network size - length of cable

Twisted pair (TP) 0 - 100 m
Single mode fiber (SM) 9/125 µm 0 - 32,5 km,
16 dB link budget at 1300 nm,
A = 0,4 dB/km, 3 dB reserve, D = 3,5 ps/(nm x km)

Network size - cascability

Line - / star topology Any

Power requirements

Operating voltage 9,6 V DC - 32 V DC

Current consumption at 24 V DC Max. 130 mA

Power consumption Max. 3,0 W 10,2 Btu (IT)/h at 24 V DC

Service

Diagnostics LEDs (power, link status, data, data rate)

Ambient conditions

Operating temperature -40 °C to +70 °C

Storage/transport temperature -40 °C to +70 °C

Relative humidity (non-condensing) 10% to 95%

MTBF 101,5 years; MIL-HDBK 217F: Gb 25 °C

Mechanical construction

Dimensions (W x H x D) 25 mm x 114 mm x 79 mm

Mounting DIN Rail 35 mm

Weight 105 g

Protection class IP 30

Mechanical stability

IEC 60068-2-27 shock 15 g, 11 ms duration, 18 shocks

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) 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 kHz)



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EMC emitted immunity

FCC CFR47 Part 15 FCC CFR47 Part 15 Class A

EN 55022 EN 55022 Class A

Approvals

Safety of industrial control equipment cUL 508

Scope of delivery and accessories

Scope of delivery Device, terminal block, operating manual

Accessories to order separately Rail power supply RPS 30, RPS 80 EEC or RPS 120 EEC, 19" installation frame

For more information please contact:

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