

Product information

SPIDER 1TX/1FX

Industrial Ethernet:Unmanaged Industrial Ethernet Switches:SPIDER-Switches:SPIDER 1TX/1FX

<http://www.e-catalog.beldensolutions.com/link/57078-24455-49855-50103-40012/en/conf/uistate>

Name		SPIDER 1TX/1FX
		
		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, MM cable, SC sockets
Type		SPIDER 1TX/1FX
Order No.		943 890-001
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 - 100m
Multimode fiber (MM) 50/125 µm		0 - 5000 m, 8 dB link budget at 1300 nm, A = 1 dB/km, 3 dB reserve, B = 800 MHz x km
Multimode fiber (MM) 62.5/125 µm		0 - 4000 m, 11 dB Link budget at 1300 nm, A = 1 dB/km, 3 dB reserve, B = 500 MHz x km
Network size - cascading		
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		0 °C to +60 °C
Storage/transport temperature		-40 °C to +70 °C
Relative humidity (non-condensing)		10% to 95%
MTBF		128.1 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



HIRSCHMANN

A BELDEN BRAND

Industrial Ethernet:Unmanaged Industrial Ethernet Switches:SPIDER-Switches:SPIDER 1TX/1FX

<http://www.e-catalog.beldensolutions.com/link/57078-24455-49855-50103-40012/en/conf/ui/state>

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)
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:

Hirschmann Automation and Control GmbH

Stuttgarter Strasse 45-51

72654 Neckartenzlingen

Germany

Phone: +49 7127/14-1809

E-Mail: inet-sales@belden.com

The information published in the websites has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price-related/commercial respect. The complete information and data were available on user documentation. Mandatory information can only be obtained by a concrete query.