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Product information SPIDER 4TX/1FX-ST EEC

Industrial Ethernet: Unmanaged Industrial Ethernet Switches: SPIDER-Switches: SPIDER 4TX/1FX-ST EEC

<http://e-catalog.hirschmann.com/link/57078-24455-49855-50103-40398/en/conf/ustate>

Name		SPIDER 4TX/1FX-ST 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		4 x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity 1 x 100BASE-FX, MM cable, ST sockets
Type		SPIDER 4TX/1FX-ST EEC
Order No.		943 914-001
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
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. 150 mA
Power consumption		Max. 3,9 W 13,3 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		112.0 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		120 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



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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
Scope of delivery and accessories	
Scope of delivery	Device, terminal block, operating manual
Accessories to order separately	Rail power supply RPS 15, RPS 30, RPS 80 EEC or RPS 120 EEC, 19" installation frame

For more information please contact:

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