



HIRSCHMANN

A BELDEN BRAND

Product information SPIDER II 16TX EEC

Industrial Ethernet:Unmanaged Industrial Ethernet Switches:SPIDER-Switches:SPIDER II 16TX EEC

Name	SPIDER II 16TX EEC
	
	Entry Level Industrial ETHERNET Rail-Switch, Store and Forward Switching Mode, Ethernet (10 Mbit/s) and Fast-Ethernet (100 Mbit/s)
Delivery informations	
Availability	available
Product description	
Description	Entry Level Industrial ETHERNET Rail-Switch, Store and Forward Switching Mode, Ethernet (10 Mbit/s) and Fast-Ethernet (100 Mbit/s)
Port type and quantity	16 x 10/100BASE-TX, TP-cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity
Type	SPIDER II 16TX EEC
Order No.	942 120 - 001
More Interfaces	
Power supply/signaling contact	1 plug-in terminal block, 5-pin / no signaling contact
Network size - length of cable	
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
Network size - cascadiability	
Line - / star topology	any
Power requirements	
Operating voltage	18 - 32 V DC redundant
Current consumption at 24 V DC	0.41 A
Power consumption	9.8 W
Service	
Diagnostics	LEDs (power, link status, data, data rate)
Redundancy	
Redundancy functions	n/a
Ambient conditions	
Operating temperature	-40°C to +70°C
Storage/transport temperature	-45°C to +85°C
Relative humidity (non-condensing)	5% to 95%
MTBF	326,298 h (Telcordia)
Mechanical construction	
Dimensions (W x H x D)	66 mm x 138 mm x 111 mm
Mounting	DIN Rail 138 mm
Weight	730 g
Protection class	IP30
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)	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, 4 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (linie/earth), 1 kV (linie/line), 2 kV data line



HIRSCHMANN

A BELDEN BRAND

Industrial Ethernet:Unmanaged Industrial Ethernet Switches:SPIDER-Switches:SPIDER II 16TX EEC

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 60950-1, cUL 508
Hazardous locations	ISA 12.12.01 Class 1 Div. 2; ATEX, Zone 2 (pending)
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

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.