



**Product information**  
**SPIDER II 8TX PoE**  
**942 008-001**

<b>Name</b>		SPIDER II 8TX PoE
		
		Entry Level Industrial Ethernet Rail-Switch, store and forward switching mode, Ethernet (10 Mbit/s) and Fast-Ethernet (100 Mbit/s)
<b>Delivery informations</b>		
<b>Availability</b>	available	
<b>Product description</b>		
<b>Description</b>	Entry Level Industrial Ethernet Rail-Switch, store and forward switching mode, Ethernet (10 Mbit/s) and Fast-Ethernet (100 Mbit/s)	
<b>Port type and quantity</b>	8 x 10/100BASE-TX, 4 x PoE according to IEEE802.3af, TP-cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity	
<b>Type</b>	SPIDER II 8TX PoE	
<b>Order No.</b>	942 008-001	
<b>More interfaces</b>		
<b>Power supply/signaling contact</b>	1 plug-in terminal block, 3-pin, no signaling contact	
<b>Network size - length of cable</b>		
<b>Twisted pair (TP)</b>	0 - 100 m	
<b>Multimode fiber (MM) 50/125 µm</b>	n/a	
<b>Multimode fiber (MM) 62.5/125 µm</b>	n.v.	
<b>Single mode fiber (SM) 9/125 µm</b>	n/a	
<b>Single mode fiber (LH) 9/125 µm (long haul transceiver)</b>	n/a	
<b>Network size - cascading</b>		
<b>Line - / star topology</b>	Any	
<b>Power requirements</b>		
<b>Operating voltage</b>	18 V DC - 32 V DC	
<b>Current consumption at 24 V DC</b>	0,189 A (without PoE) / 3,12 A (with PoE)	
<b>Power consumption</b>	max. 75 Watt	
<b>Power output in Btu (IT) h</b>	234.2	
<b>Service</b>		
<b>Diagnostics</b>	LEDs (power, link status, data, data rate)	
<b>Redundancy</b>		
<b>Redundancy functions</b>	n.v.	
<b>Ambient conditions</b>		
<b>Operating temperature</b>	-10 °C to +60 °C	
<b>Storage/transport temperature</b>	-20 °C to +70 °C	
<b>Relative humidity (non-condensing)</b>	10% to 95%	
<b>MTBF</b>	479,015 hrs (Telcordia SR-332)	
<b>Mechanical construction</b>		
<b>Dimensions (W x H x D)</b>	35 mm x 138 mm x 121 mm	
<b>Mounting</b>	DIN Rail 35 mm	
<b>Weight</b>	560 g	
<b>Protection class</b>	IP 30	
<b>Mechanical stability</b>		
<b>IEC 60068-2-27 shock</b>	15 g, 11 ms duration, 18 shocks	
<b>IEC 60068-2-6 vibration</b>	3,5 mm, 3 Hz - 9 Hz, 10 cycles, 1 octave/min.; 1g, 9 Hz - 150 Hz, 10 cycles, 1 octave/min.	
<b>EMC interference immunity</b>		
<b>EN 61000-4-2 electrostatic discharge (ESD)</b>	6 kV contact discharge, 8 kV air discharge	
<b>EN 61000-4-3 electromagnetic field</b>	10 V/m (80 - 1000 MHz)	

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.



<b>EN 61000-4-4 fast transients (burst)</b>	
	2 kV power line, 4 kV data line
<b>EN 61000-4-5 surge voltage</b>	
	power line: 2 kV (linie/earth), 1 kV (linie/line), 2 kV data line
<b>EN 61000-4-6 conducted immunity</b>	
	10 V (150 kHz - 80 kHz)
<b>EMC emitted immunity</b>	
<b>FCC CFR47 Part 15</b>	
	FCC CFR47 Part 15 Class A
<b>EN 55022</b>	
	EN 55022 Class A
<b>Approvals</b>	
<b>Safety of industrial control equipment</b>	
	cUL 508
<b>EMV regulations for assembly in vehicles</b>	
	n/a
<b>Employment in vehicles</b>	
	E1
<b>Scope of delivery and accessories</b>	
<b>Scope of delivery</b>	
	Device, terminal block, operating manual
<b>Accessories to order separately</b>	
	Rail power supply RPS 80 EEC or RPS 120 EEC, 19" installation frame

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