



**Product information**  
**SPIDER 8TX**

<b>Name</b>	
<b>Name</b>	SPIDER 8TX
<b>Description</b>	
<b>Delivery informations</b>	Entry Level Industrial ETHERNET Rail Switch, store and forward switching mode, Ethernet and Fast-Ethernet (10/100 Mbit/s)
<b>Availability</b>	available
<b>Product description</b>	
<b>Description</b>	Entry Level Industrial ETHERNET Rail Switch, store and forward switching mode, Ethernet and Fast-Ethernet (10/100 Mbit/s)
<b>Port type and quantity</b>	8 x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity
<b>Type</b>	SPIDER 8TX
<b>Order No.</b>	943 376-001
<b>More Interfaces</b>	
<b>Power supply/signaling contact</b>	1 plug-in terminal block, 3-pin, no signal contact
<b>Network size - length of cable</b>	
<b>Twisted pair (TP)</b>	0 - 100 m
<b>Network size - cascability</b>	
<b>Line - / star topology</b>	Any
<b>Power requirements</b>	
<b>Operating voltage</b>	9,6 V DC - 32 V DC
<b>Current consumption at 24 V DC</b>	Max. 160 mA
<b>Power consumption</b>	Max. 3,9 W 13,3 Btu (IT)/h at 24 V DC
<b>Service</b>	
<b>Diagnostics</b>	LEDs (power, link status, data, data rate)
<b>Ambient conditions</b>	
<b>Operating temperature</b>	0 °C to +60 °C
<b>Storage/transport temperature</b>	-40 °C to +70 °C
<b>Relative humidity (non-condensing)</b>	10% to 95%
<b>MTBF</b>	105.7 years; MIL-HDBK 217F: Gb 25 °C
<b>Mechanical construction</b>	
<b>Dimensions (W x H x D)</b>	40 mm x 114 mm x 79 mm
<b>Mounting</b>	DIN Rail 35 mm
<b>Weight</b>	177 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)
<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 (line/earth), 1 kV (line/line), 1 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

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.



**Scope of delivery and accessories**

<b>Scope of delivery</b>	Device, terminal block, operating manual
<b>Accessories to order separately</b>	Rail power supply RPS 30, RPS 80 EEC or RPS 120 EEC, 19" installation frame

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