



**Product information**  
**SPIDER 5TX**  
**943 824-002**

Name	
SPIDER 5TX	
	
Entry Level Industrial ETHERNET Rail Switch, store and forward switching mode, Ethernet and Fast-Ethernet (10/100 Mbit/s)	
<b>Delivery informations</b>	
Availability	available
<b>Product description</b>	
Description	Entry Level Industrial ETHERNET Rail Switch, store and forward switching mode, Ethernet and Fast-Ethernet (10/100 Mbit/s)
Port type and quantity	5 x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity
Type	SPIDER 5TX
Order No.	943 824-002
<b>More interfaces</b>	
Power supply/signaling contact	1 plug-in terminal block, 3-pin, no signal contact
<b>Network size - length of cable</b>	
Twisted pair (TP)	0 - 100 m
<b>Network size - cascading</b>	
Line - / star topology	Any
<b>Power requirements</b>	
Operating voltage	9,6 V DC - 32 V DC
Current consumption at 24 V DC	Max. 100 mA
Power consumption	Max. 2,2 W 7,5 Btu (IT)/h at 24 V DC
<b>Service</b>	
Diagnostics	LEDs (power, link status, data, data rate)
<b>Ambient conditions</b>	
Operating temperature	0 °C to +60 °C
Storage/transport temperature	-40 °C to +70 °C
Relative humidity (non-condensing)	10% to 95%
MTBF	123.7 years; MIL-HDBK 217F: Gb 25 °C
<b>Mechanical construction</b>	
Dimensions (W x H x D)	25 mm x 114 mm x 79 mm
Mounting	DIN Rail 35 mm
Weight	113 g
Protection class	IP 30
<b>Mechanical stability</b>	
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.
<b>EMC interference immunity</b>	
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
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)
<b>EMC emitted immunity</b>	
FCC CFR47 Part 15	FCC CFR47 Part 15 Class A
EN 55022	EN 55022 Class A
<b>Approvals</b>	
Safety of industrial control equipment	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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