



## Part Number: SPIDER II 8TX PoE

### Unmanaged 8-port Switch with PoE support

#### Product Description

Unmanaged Industrial Ethernet DIN Rail Mount Switch with PoE support, store and forward switching mode, 8 x 10/100 Mbit/s RJ45

#### Technical Specifications

##### Product description

Type:	SPIDER II 8TX PoE
Name:	SPIDER II 8TX PoE
Description:	Entry Level Industrial Ethernet Rail-Switch, store and forward switching mode, Ethernet (10 Mbit/s) and Fast-Ethernet (100 Mbit/s)
Part Number:	942 008-001
Port type and quantity:	8 x 10/100BASE-TX, 4 x PoE according to IEEE802.3af, TP-cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity

##### More Interfaces

Power supply/signaling contact:	1 x plug-in terminal block, 3-pin, no signaling contact
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##### Network size - length of cable

Twisted pair (TP):	0-100 m
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##### Network size - cascability

Line - / star topology:	any
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##### Power requirements

Operating Voltage:	18 V DC - 32 V DC
Operating voltage DC:	9.6 V DC - 32 V DC
Power consumption:	max. 75 W
Power output in Btu (IT) / h:	234.2

##### Diagnostics features

Diagnostic functions:	LEDs (power, link status, data, data rate)
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##### Ambient conditions

MTBF (Telcordia SR-332: Gb 25 °C):	479015 h
Operating temperature:	-10-+60 °C
Storage/transport temperature:	-20-+70 °C
Relative humidity (non-condensing):	10-95 %

##### Mechanical construction

Dimensions (W x H x D):	35 mm x 138 mm x 121 mm
Weight:	560 g
Mounting:	DIN Rail, Wall mounting
Protection class:	IP30

##### Mechanical stability

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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
IEC 60068-2-27 shock:	15 g, 11 ms duration, 18 shocks

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
EN 61000-4-5 surge voltage:	power line: 2 kV (line/earth), 1 kV (line/line), 2 kV data line
EN 61000-4-6 Conducted Immunity:	10 V (150 kHz-80 MHz)

EMC emitted immunity

EN 55022:	EN 55022 Class A
FCC CFR47 Part 15:	FCC 47CFR Part 15, Class A

Approvals

Safety of industrial control equipment:	cUL 508
Employment in vehicles:	E1

Scope of delivery and accessories

Accessories to Order Separately:	Rail power supply RPS 80 EEC or RPS 120 EEC, 19" installation frame
Scope of delivery:	Device, terminal block, operating manual

Variants

Item #	Type
942008001	SPIDER II 8TX PoE

Update and Revision:	Revision Number: 0.46 Revision Date: 09-30-2019
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