



**Product:** SPIDER-PL-40-04T1O69999TX9HHHH

**Configurator:** SPIDER-PL-40-04T1O69999TX9HHHH

### Configurator Description

SPIDER III PoE Standard Line The SPIDER III PoE Standard Line switches are highly flexible, configurable and built for PoE+, eliminating the need for an external PoE power supply. SPIDER III Premium Line The SPIDER III Premium Line is designed to offer cost-effective, unmanaged switches with a robust set of customizable features to meet individual network needs across a variety of industries.

### Technical Specifications

#### Product description

Description	Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode, USB interface for configuration , Full Gigabit Ethernet
Part Number	942141134
Port type and quantity	4 x 10/100/1000BASE-T, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity , 1 x 100/1000MBit/s SFP

#### More Interfaces

Power supply/signaling contact	1 x plug-in terminal block, 6-pin
USB interface	1 x USB for configuration

#### Network size - length of cable

Twisted pair (TP)	0 - 100 m
Single mode fiber (SM) 9/125	0 - 20 km, 0 - 11 dB Link Budget (with M-SFP-LX/LC)
Multimode fiber (MM) 50/125	0 - 550m, 0 - 7,5 dB link budget (with M-SFP-SX/LC)
Multimode fiber (MM) 62.5/125	0 - 275 m, 0 - 7,5 dB Link Budget at 850 nm (with M-SFP-SX/LC)

#### Network size - cascadiability

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

Current consumption at 24 V DC	Max. 230 mA
Operating voltage	12/24 V DC (9.6 - 32 V DC), redundant
Power consumption	Max. 5.9 W
Power output in Btu (IT) h	20.0

#### Diagnostics features

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

MTBF	1.112.112 h (Telcordia)
Operating temperature	-40+70 °C
Storage/transport temperature	-40+85 °C
Relative humidity (non-condensing)	10 - 95 %

## Mechanical construction

Dimensions	39 x 135 x 117 mm (w/o terminal block)
Weight	420 g
Mounting	DIN rail
Protection class	IP40 metal housing

## Mechanical stability

IEC 60068-2-6 vibration	3.5 mm, 5–8.4 Hz, 10 cycles, 1 octave/min 1 g, 8.4–150 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	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 (line/earth), 1 kV (line/line), 1 kV data line
EN 61000-4-6 conducted immunity	10 V (150 kHz - 80 MHz)

## EMC emitted immunity

EN 55022	EN 55032 Class A
FCC CFR47 Part 15	FCC 47CFR Part 15, Class A

## Approvals

Basis Standard	CE, FCC, EN61131
Safety of industrial control equipment	cUL 61010-1/61010-2-201
Hazardous locations	ISA 12.12.01 Class 1 Div. 2

## Scope of delivery and accessories

Accessories	Rail Power Supply RPS 30/80 EEC/120 EEC (CC), Wall mounting plate for DIN rail mounting (width 40/70 mm)
Scope of delivery	Device, terminal block, safety instruction
Update and Revision	Revision Number: 0.4 Revision Date: 07-26-2019 Revision Number: 0.2 Revision Date: 07-17-2019 Revision Number: 0.2 Revision Date: 07-17-2019 Revision Number: 0.2 Revision Date: 07-17-2019 Revision Number: 0.2 Revision Date: 07-17-2019 Revision Number: 0.2 Revision Date: 07-17-2019 Revision Number: 0.2 Revision Date: 07-17-2019 Revision Number: 0.2 Revision Date: 07-17-2019 Revision Number: 0.2 Revision Date: 07-17-2019 Revision Number: 0.2 Revision Date: 07-17-2019

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