



Product: SPIDER-PL-30-24T1O6O699TWWHHHV

Configurator: SPIDER-SL /-PL configurator

Configurator Description

Reliably transmit large amounts of data across any distance with the SPIDER III family of industrial Ethernet switches. These unmanaged switches have plug-and-play capabilities to allow for quick installation and startup - without any tools - to maximize uptime.

Technical Specifications

Product description

Description	Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode, USB interface for configuration, Fast and Gigabit Ethernet
Port Type and Quantity	24 x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity, 2 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 µm	0 - 20 km, 0 - 11 dB Link Budget (with M-SFP-LX/LC)
Multimode fiber (MM) 50/125 µm	0 - 550m, 0 - 7,5 dB link budget (with M-SFP-SX/LC)
Multimode fiber (MM) 62.5/125 µm	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

Operating Voltage	12/24/48 V DC (9.6 - 60 V DC), 24 V AC, redundant
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Diagnostics features

Diagnostic functions	LEDs (power, link status, data, data rate)
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Software

Switching	Ingress Storm Protection, Jumbo Frames, QoS / Port Prioritization (802.1D/p)
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Ambient conditions

Relative humidity (non-condensing)	10 - 95 %
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Mechanical construction

Dimensions (WxHxD)	94 x 163,6 x 114,7 mm (w/o terminal block)
Weight	1140 g
Mount Type	DIN rail
IP Protection Rating	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

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