



Product: SPIDER-PL-20-24T1Z6Z699TY9HHHV

Configurator: SPIDER-PL-20-24T1Z6Z699TY9HHHV

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 Ethernet
Part Number	942141037
Port Type and Quantity	24 x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity , 2 x 100MBit/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 - 25 km, 0 - 13 dB link budget (with M-FAST SFP-SM/LC)
Multimode fiber (MM) 50/125 µm	0 - 5000 m, 0 - 8 dB link budget (with M-FAST SFP-MM/LC)
Multimode fiber (MM) 62.5/125 µm	0 - 4000 m, 0 - 11 dB link budget (with M-FAST SFP-MM/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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