



Product information SPIDER III - Standard Line (SL) and Premium Line (PL) - SPIDER-SL-20-04T1M29999SY9HHHH

Industrial Ethernet:Unmanaged Industrial Ethernet Switches:SPIDER III-Switches:SPIDER III - Standard Line (SL) and Premium Line (PL)

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Name	SPIDER III - Standard Line (SL) and Premium Line (PL)
	
	Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode, Fast Ethernet
Delivery informations	
Availability	available
Product description	
Description	Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode, Fast Ethernet
Port type and quantity	4x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity, 1 x 100BASE-FX, MM cable, SC sockets
Type	SPIDER-SL-20-04T1M29999SY9HHHH
Order No.	942 132-007
More Interfaces	
Power supply/signaling contact	1 x plug-in terminal block, 3-pin,
Network size - length of cable	
Twisted pair (TP)	0 m ... 100 m
Multimode fiber (MM) 50/125 µm	0 - 5000 m (Link Budget at 1300 nm = 0 - 8 dB; A=1 dB/km; BLP = 800 MHz*km)
Multimode fiber (MM) 62.5/125 µm	0 - 4000 m (Link Budget at 1300 nm = 0 - 11 db; A = 1 dB/km; BLP = 500 MHz*km)
Network size - cascading	
Line - / star topology	any
Power requirements	
Operating voltage	12/24 V DC (9.6 - 32 V DC)
Current consumption at 24 V DC	Max. 100 mA
Power consumption	Max. 2.4 W, 8.3 Btu (IT) h
Ambient conditions	
Operating temperature	0 °C ... 60 °C
Storage/transport temperature	-40 °C ... 70 °C
Relative humidity (non-condensing)	0 % ... 95 %
MTBF (Telcordia)	2.286.711 hours; Telcordia SR-332; Gb 25°C
Mechanical construction	
Dimensions (W x H x D)	26 x 102 x 79 mm (w/o terminal block)
Mounting	DIN Rail
Weight	120 g
Protection class	IP30
Mechanical stability	
IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks
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
EMC interference immunity	
EN 61000-4-2 electrostatic discharge (ESD)	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	
FCC CFR47 Part 15	FCC 47 CFR Part 15 Class A
EN 55022	EN 55022 Class A
Service	
Diagnostics	LEDs (power, link status, data, data rate)

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Approvals

Safety of industrial control equipment | cUL 61010-1/61010-2-201

Scope of delivery and accessories

Scope of delivery | Device, terminal block, safety instruction

Accessories | Rail Power Supply RPS 30/80 EEC/120 EEC (CC), Wall mounting plate for DIN rail mounting 40mm - order nr. 942 177-001, wall mounting plate for DIN rail mounting 70mm - order nr. 942 177-002

For more information please contact:

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