



Product information SPIDER III - Standard Line (SL) and Premium Line (PL) - SPIDER-PL-20-05T1999999TY9HHHH

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, 10/100 Mbit/s Ethernet
Delivery informations	
Availability	available
Product description	
Description	Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode, 10/100 Mbit/s Ethernet
Port type and quantity	5x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity
Type	SPIDER-PL-20-05T1999999TY9HHHH
Order No.	942 141-016
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 m ... 100 m
Network size - cascading	
Line - / star topology	any
Power requirements	
Operating voltage	12/24 V DC (9.6 - 32 V DC), redundant
Current consumption at 24 V DC	Max. 93 mA
Power consumption	Max. 2.4 W, 8.0 Btu (IT) h
Ambient conditions	
Operating temperature	-40 °C ... 70 °C
Storage/transport temperature	-40 °C ... 85 °C
Relative humidity (non-condensing)	0 % ... 95 %
MTBF (Telcordia)	1.363.990 hours; Telcordia SR-332; Gb 25°C
Mechanical construction	
Dimensions (W x H x D)	39 x 135 x 117 mm (w/o terminal block)
Mounting	DIN Rail
Weight	430 g
Protection class	IP40 (metal housing)
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
Configurable parameters	
Configurable parameters	Global settings: power supply unit alarm, aging time, QoS 802.1p mapping, QoS DSCP mapping; Port settings: flow control, port admin state, broadcast storm protection/threshold, multicast storm protection/threshold, QoS Trust Mode, port based priority, link alarm; TX port settings: auto-negotiation, speed, duplex mode, auto-crossing, MDI state, energy efficient ethernet; FX port settings: duplex mode
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



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EN 55022	EN 55022 Class A
Service	
Diagnostics	LEDs (power, link status, data, data rate)
Approvals	
Safety of industrial control equipment	cUL61010
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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