




Product information SPIDER III - Standard Line (SL) and Premium Line (PL) - SPIDER-PL-40-08T1999999TY9HHHH

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, 10/100/1000 Mbit/s Ethernet
Delivery informations		
Availability	available	
Product description		
Description	Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode, 10/100/1000 Mbit/s Ethernet	
Port type and quantity	8x 10/100/1000BASE-T, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity	
Type	SPIDER-PL-40-08T1999999TY9HHHH	
Order No.	942 141-020	
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 - cascability		
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. 250 mA	
Power consumption	Max. 6.0 W, 20.4 Btu 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)	908.230 hours; Telcordia SR-332; Gb 25°C	
Mechanical construction		
Dimensions (W x H x D)	49 x 135 x 117 mm (w/o terminal block)	
Mounting	DIN Rail	
Weight	450 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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