



Product information SPIDER III - Standard Line (SL) and Premium Line (PL) - SPIDER-PL-20-08T1999999TWVHHHH

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

<http://dev-catalog.beldensolutions.com/link/57078-24455-49855-437329-506205/en/SPIDER-PL-20-08T1999999TWVHHHH/uistate>

Name	SPIDER III - Standard Line (SL) and Premium Line (PL)
	
	Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode, USB interface for configuration, Fast Ethernet
Delivery informations	
Availability	available
Product description	
Description	Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode, USB interface for configuration, Fast Ethernet
Port type and quantity	8x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity
Type	SPIDER-PL-20-08T1999999TWVHHHH
Order No.	SPIDER-PL-20-08T1999999TWVHHHH
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 - cascadiability	
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. 100 mA
Power consumption	Max. 2.6 W, 8.8 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)	1.206.410 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	440 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	cUL 61010-1/61010-2-201
Hazardous locations	ISA 12.12.01 Class 1 Div. 2, ATEX Class 2
Shipbuilding	Germanischer Lloyd, DNV
Railway norm	EN 50121-4
Transportation	E1
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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