




Product information SPIDER III - SPIDER-PL-20-05T1999999TWVHHHH

Industrial Ethernet:Unmanaged Industrial Ethernet Switches:SPIDER III-Switches:SPIDER III	
https://www.e-catalog.beldensolutions.com:443/link/57078-24455-49855-437329-498960/en/SPIDER-PL-20-05T1999999TWVHHHH/uistate	
Name	SPIDER III
	
	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-20-05T1999999TWVHHHH
Order No.	SPIDER-PL-20-05T1999999TWVHHHH
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
EN 55022	EN 55022 Class A



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Service	
Diagnostics	LEDs (power, link status, data, data rate)
Approvals	
Safety of industrial control equipment	UL61010-1/-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:

Hirschmann Automation and Control GmbH

Stuttgarter Strasse 45-51

72654 Neckartenzlingen

Germany

Phone: +49 7127/14-1809

E-Mail: inet-sales@belden.com

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