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Product information
SPIDER III - SPIDER-PL-20-06T1Z6Z6Z6TY9HHHH

Industrial Ethernet:Unmanaged Industrial Ethernet Switches:SPIDER III-Switches:SPIDER III

https://www.e-catalog.beldensolutions.com:443/link/57078-24455-49855-437329-458868/en/SPIDER-PL-20-06T1Z6Z6Z6TY9HHHH/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	6x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity, 3 x 100MBit/s SFP
Type	SPIDER-PL-20-06T1Z6Z6Z6TY9HHHH
Order No.	942 141-027
More Interfaces	
Power supply/signaling contact	1 x plug-in terminal block, 6-pin
Network size - length of cable	
Twisted pair (TP)	0 m ... 100 m
Multimode fiber (MM) 50/125 µm	0 - 5000 m, 0 - 8 dB link budget (with M-FAST SFP-MM/LC)
Multimode fiber (MM) 62.5/125 µm	0 - 4000 m, 0 - 11 dB link budget (with M-FAST SFP-MM/LC)
Single mode fiber (SM) 9/125 µm	0 - 25 km, 0 - 13 dB link budget (with M-FAST SFP-SM/LC)
Network size - cascadibility	
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. 350 mA
Power consumption	Max. 9.0 W, 30.7 Btu (IT) h
Ambient conditions	
Operating temperature	-40 °C ... 60 °C
Storage/transport temperature	-40 °C ... 85 °C
Relative humidity (non-condensing)	0 % ... 95 %
Mechanical construction	
Dimensions (W x H x D)	56 x 135 x 117 mm (w/o terminal block)
Mounting	DIN Rail
Weight	510 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	UL61010-1/-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 (width 40/70 mm)

For more information please contact:
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