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Product information SPIDER III - Standard Line (SL) and Premium Line (PL) - SPIDER-SL-20-06T1M2M299SY9HHHH

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

<https://www.e-catalog.beldensolutions.com:443/link/57078-24455-49855-437329-498960/en/SPIDER-SL-20-06T1M2M299SY9HHHH/uistate>

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		6x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity, 2 x 100BASE-FX, MM cable, SC sockets
Type		SPIDER-SL-20-06T1M2M299SY9HHHH
Order No.		942 132-012
More Interfaces		
Power supply/signaling contact		1 x plug-in terminal block, 3-pin
Network size - length of cable		
Twisted pair (TP)		0 m ... 100 m
Multimode fiber (MM) 50/125 µm		0 - 5000 m (Link Budget at 1300 nm = 0 - 8 dB; A=1 dB/km; BLP = 800 MHz*km)
Multimode fiber (MM) 62.5/125 µm		0 - 4000 m (Link Budget at 1300 nm = 0 - 11 dB; A = 1 dB/km; BLP = 500 MHz*km)
Network size - cascadiability		
Line - / star topology		any
Power requirements		
Operating voltage		12/24 V DC (9.6 - 32 V DC)
Current consumption at 24 V DC		Max. 160 mA
Power consumption		Max. 3.8 W, 12.8 Btu (IT) h
Ambient conditions		
Operating temperature		0 °C ... 60 °C
Storage/transport temperature		-40 °C ... 70 °C
Relative humidity (non-condensing)		0 % ... 95 %
MTBF (Telcordia)		1.499.396 hours; Telcordia SR-332; Gb 25°C
Mechanical construction		
Dimensions (W x H x D)		45 x 110 x 88 mm (w/o terminal block)
Mounting		DIN Rail
Weight		230 g
Protection class		IP30
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
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
Service		
Diagnostics		LEDs (power, link status, data, data rate)



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Approvals

Safety of industrial control equipment	cUL61010
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Scope of delivery and accessories

Scope of delivery	Device, terminal block, safety instruction
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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
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