



## Product information SPIDER II 16TX EEC

Industrial Ethernet:Unmanaged Industrial Ethernet Switches:SPIDER-Switches:SPIDER II 16TX EEC

<http://dev-catalog.beldensolutions.com/link/57078-24455-49855-50103-400961/en/conf/uistate>

Name	SPIDER II 16TX EEC
	
	Entry Level Industrial ETHERNET Rail-Switch, Store and Forward Switching Mode, Ethernet (10 Mbit/s) and Fast-Ethernet (100 Mbit/s)
<b>Delivery informations</b>	
Availability	available
<b>Product description</b>	
Description	Entry Level Industrial ETHERNET Rail-Switch, Store and Forward Switching Mode, Ethernet (10 Mbit/s) and Fast-Ethernet (100 Mbit/s)
Port type and quantity	16 x 10/100BASE-TX, TP-cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity
Type	SPIDER II 16TX EEC
Order No.	942 120 - 001
<b>More interfaces</b>	
Power supply/signaling contact	1 plug-in terminal block, 5-pin / no signaling contact
<b>Network size - length of cable</b>	
Twisted pair (TP)	0 - 100 m
Multimode fiber (MM) 50/125 µm	n/a
Multimode fiber (MM) 62.5/125 µm	n/a
Single mode fiber (SM) 9/125 µm	n/a
Single mode fiber (LH) 9/125 µm (long haul transceiver)	n/a
<b>Network size - cascading</b>	
Line - / star topology	any
<b>Power requirements</b>	
Operating voltage	18 - 32 V DC redundant
Current consumption at 24 V DC	0.41 A
Power consumption	9.8 W
<b>Service</b>	
Diagnostics	LEDs (power, link status, data, data rate)
<b>Redundancy</b>	
Redundancy functions	n/a
<b>Ambient conditions</b>	
Operating temperature	-40°C to +70°C
Storage/transport temperature	-45°C to +85°C
Relative humidity (non-condensing)	5% to 95%
MTBF	326,298 h (Telcordia)
<b>Mechanical construction</b>	
Dimensions (W x H x D)	66 mm x 138 mm x 111 mm
Mounting	DIN Rail 138 mm
Weight	730 g
Protection class	IP30
<b>Mechanical stability</b>	
IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks
IEC 60068-2-6 vibration	3,5 mm, 3 Hz - 9 Hz, 10 cycles, 1 octave/min.; 1g, 9 Hz - 150 Hz, 10 cycles, 1 octave/min.
<b>EMC interference immunity</b>	
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 (linie/earth), 1 kV (linie/line), 2 kV data line



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<b>EN 61000-4-6 conducted immunity</b>	10 V (150 kHz - 80 kHz)
<b>EMC emitted immunity</b>	
<b>FCC CFR47 Part 15</b>	FCC CFR47 Part 15 Class A
<b>EN 55022</b>	EN 55022 Class A
<b>Approvals</b>	
<b>Safety of industrial control equipment</b>	cUL 60950-1, cUL 508
<b>Hazardous locations</b>	ISA 12.12.01 Class 1 Div. 2; ATEX Zone 2
<b>Scope of delivery and accessories</b>	
<b>Scope of delivery</b>	Device, terminal block, operating manual
<b>Accessories to order separately</b>	Rail Power Supply RPS 30, RPS 80 EEC or RPS 120 EEC

For more information please contact:

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