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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Product information SPIDER II 16TX EEC

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

<https://www.e-catalog.beldensolutions.com:443/link/57078-24455-49855-50103-400961/en/conf/uisstate>

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

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