




HIRSCHMANN

A BELDEN BRAND

Product information SPIDER Giga 2TX PoE EEC

Industrial Ethernet:Unmanaged Industrial Ethernet Switches:SPIDER PoE-Switches:SPIDER Giga 2TX PoE EEC

Name		SPIDER Giga 2TX PoE EEC
		
		Industrial ETHERNET Power over Ethernet Injector, 10/100/1000 Mbit/s Ethernet
Delivery informations		
Availability	available	
Product description		
Description	Industrial ETHERNET Power over Ethernet Injector, 10/100/1000 Mbit/s Ethernet	
Port type and quantity	2 x 10/100/1000BASE-T(X), 1 x PoE+ according to IEEE802.3at, TP-cable, RJ45 sockets	
Type	SPIDER Giga 2TX PoE EEC	
Order No.	942 059-001	
More Interfaces		
Power supply/signaling contact	1 plug-in terminal block, 6-pin, no signaling contact	
Network size - length of cable		
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	
Power requirements		
Operating voltage	24/48 V DC redundant	
Current consumption at 24 V DC	max. 1,39 A (with PoE)	
Power consumption	max. 33,8 Watt (with PoE), 115,4 Btu(TT)/h	
Service		
Diagnostics	LEDs (Power, PoE)	
Ambient conditions		
Operating temperature	-40°C to +70°C	
Storage/transport temperature	-45°C to +85°C	
Relative humidity (non-condensing)	5% to 95%	
MTBF	1.419.817 h	
Mechanical construction		
Dimensions (W x H x D)	30 mm x 140 mm x 95 mm	
Mounting	DIN Rail 35 mm, wall mounting	
Weight	420 g	
Protection class	IP30	
Mechanical stability		
IEC 60068-2-27 shock	15 g, 11 ms duration	
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.	
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, 1 kV data line	
EN 61000-4-5 surge voltage	power line: 0,5 kV (line/earth), 0,5 kV (line/line)	
EN 61000-4-6 conducted immunity	10 V (150 kHz - 80 MHz)	
EMC emitted immunity		
FCC CFR47 Part 15	FCC CFR47 Part 15 Class A	
EN 61000-6-4	EN 61000-6-4	



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Approvals

Safety of industrial control equipment | cUL 508

Scope of delivery and accessories

Scope of delivery | Device, terminal block, operating manual, wall-mounting Kit

Accessories to order separately | Rail Power Supply RPS60/48V EEC oder Rail Power Supply RPS 80 EEC

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