



**Product information**  
**SPIDER Giga 2TX PoE EEC**

<b>Name</b>		SPIDER Giga 2TX PoE EEC
		
		Industrial ETHERNET Power over Ethernet Injector, 10/100/1000 Mbit/s Ethernet
<b>Delivery informations</b>		
<b>Availability</b>	available	
<b>Product description</b>		
<b>Description</b>	Industrial ETHERNET Power over Ethernet Injector, 10/100/1000 Mbit/s Ethernet	
<b>Port type and quantity</b>	2 x 10/100/1000BASE-T(X), 1 x PoE+ according to IEEE802.3at, TP-cable, RJ45 sockets	
<b>Type</b>	SPIDER Giga 2TX PoE EEC	
<b>Order No.</b>	942 059-001	
<b>More Interfaces</b>		
<b>Power supply/signaling contact</b>	1 plug-in terminal block, 6-pin, no signaling contact	
<b>Network size - length of cable</b>		
<b>Twisted pair (TP)</b>	0-100 m	
<b>Multimode fiber (MM) 50/125 µm</b>	n/a	
<b>Multimode fiber (MM) 62.5/125 µm</b>	n/a	
<b>Single mode fiber (SM) 9/125 µm</b>	n/a	
<b>Single mode fiber (LH) 9/125 µm (long haul transceiver)</b>	n/a	
<b>Power requirements</b>		
<b>Operating voltage</b>	24/48 V DC redundant	
<b>Current consumption at 24 V DC</b>	max. 1,39 A (with PoE)	
<b>Power consumption</b>	max. 33,8 Watt (with PoE), 115,4 Btu(IT)/h	
<b>Service</b>		
<b>Diagnostics</b>	LEDs (Power, PoE)	
<b>Ambient conditions</b>		
<b>Operating temperature</b>	-40°C to +70°C	
<b>Storage/transport temperature</b>	-45°C to +85°C	
<b>Relative humidity (non-condensing)</b>	5% to 95%	
<b>MTBF</b>	1.419.817 h	
<b>Mechanical construction</b>		
<b>Dimensions (W x H x D)</b>	30 mm x 140 mm x 95 mm	
<b>Mounting</b>	DIN Rail 35 mm, wall mounting	
<b>Weight</b>	420g	
<b>Protection class</b>	IP30	
<b>Mechanical stability</b>		
<b>IEC 60068-2-27 shock</b>	15 g, 11 ms duration	
<b>IEC 60068-2-6 vibration</b>	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>		
<b>EN 61000-4-2 electrostatic discharge (ESD)</b>	4 kV contact discharge, 8 kV air discharge	
<b>EN 61000-4-3 electromagnetic field</b>	10 V/m (80 - 1000 MHz)	
<b>EN 61000-4-4 fast transients (burst)</b>	2 kV power line, 1 kV data line	
<b>EN 61000-4-5 surge voltage</b>	power line: 0,5 kV (line/earth), 0,5 kV (line/line)	
<b>EN 61000-4-6 conducted immunity</b>	10 V (150 kHz - 80 MHz)	
<b>EMC emitted immunity</b>		
<b>FCC CFR47 Part 15</b>	FCC CFR47 Part 15 Class A	

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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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