



Product information
SPIDER II Giga 5T/2S EEC
943 963-002

Name	
SPIDER II Giga 5T/2S EEC	
	
Entry Level Industrial ETHERNET Rail-Switch, store and forward switching mode, 10/100/1000 Mbit/s Ethernet	
Delivery informations	
Availability	available
Product description	
Description	Entry Level Industrial ETHERNET Rail-Switch, store and forward switching mode, 10/100/1000 Mbit/s Ethernet
Port type and quantity	5 x 10/100/1000BASE-T, 2 x GE-SFP Slots, TP-cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity
Type	SPIDER II Giga 5T/2S EEC
Order No.	943 963-002
More interfaces	
Power supply/signaling contact	1 plug-in terminal block, 3-pin, no signaling contact
Network size - length of cable	
Twisted pair (TP)	0 - 100 m
Multimode fiber (MM) 50/125 µm	0 - 550 m, 0 - 7,5 dB link budget (with M-SFP-SX/LC)
Multimode fiber (MM) 62.5/125 µm	0 - 275 m, 0 - 7,5 dB link budget at 850 nm (with M-SFP-SX/LC)
Single mode fiber (SM) 9/125 µm	0 - 20 km, 0 - 11 dB link budget (with M-SFP-LX/LC)
Single mode fiber (LH) 9/125 µm (long haul transceiver)	16 - 80 km, 6 - 22 dB link budget (with M-SFP-LH/LC); 44 - 120 km, 13 - 32 dB link budget (with M-SFP-LH+/LC)
Network size - cascadiability	
Line - / star topology	Any
Power requirements	
Operating voltage	DC 9.6 V - 32 V
Current consumption at 24 V DC	max. 260 mA
Power consumption	max. 6.6 W 22.5 Btu(IT)/h
Service	
Diagnostics	LEDs (power, link status, data, data rate)
Redundancy	
Redundancy functions	n/a
Ambient conditions	
Operating temperature	-40 °C to +70 °C
Storage/transport temperature	-40 °C to +85 °C
Relative humidity (non-condensing)	10% to 95%
MTBF	1,001,113 hrs (Telcordia SR-332)
Mechanical construction	
Dimensions (W x H x D)	35 mm x 138mm x 121 mm
Mounting	DIN Rail 35 mm
Weight	240 g
Protection class	IP 30
Mechanical stability	
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.
EMC interference immunity	
EN 61000-4-2 electrostatic discharge (ESD)	6 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

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.



EN 61000-4-5 surge voltage	
EN 61000-4-6 conducted immunity	power line: 2 kV (linie/earth), 1 kV (linie/line), 1 kV data line
EMC emitted immunity	10 V (150 kHz - 80 kHz)
FCC CFR47 Part 15	
EN 55022	FCC CFR47 Part 15 Class A
EN 55022	EN 55022 Class A
Approvals	
Safety of industrial control equipment	cUL 508
Employment in vehicles	E1
Scope of delivery and accessories	
Scope of delivery	Device, terminal block, operating manual
Accessories to order separately	Rail power supply RPS 30, RPS 80 EEC or RPS 120 EEC, 19" installation frame

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