



Part Number: SPIDER II Giga 5T EEC

Unmanaged Full Gigabit Switch

Product Description

Unmanaged Industrial Ethernet DIN Rail Mount Switch with extended temperature range, store and forward switching mode, 8 x 10/100/1000 Mbit/s RJ45

Technical Specifications

Product description

Name:	SPIDER II Giga 5T EEC
Description:	Entry Level Industrial ETHERNET Rail-Switch, store and forward switching mode, 10/100/1000 Mbit/s Ethernet
Part Number:	943 962-002
Port type and quantity:	5 x 10/100/1000BASE-T, TP-cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity

More Interfaces

Power supply/signaling contact:	1 x plug-in terminal block, 3-pin, no signaling contact
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Network size - length of cable

Twisted pair (TP):	0-100 m
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Network size - cascading

Line - / star topology:	any
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Power requirements

Current consumption at 24 V DC:	max. 145 mA
Operating Voltage:	DC 9.6 V - 32 V
Operating voltage DC:	9.6 V DC - 32 V DC
Power consumption:	max. 3.6 W; 12.3 Btu(IT)/h

Diagnostics features

Diagnostic functions:	LEDs (power, link status, data, data rate)
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Ambient conditions

MTBF (Telcordia SR-332: Gb 25 °C):	1084142 h
Operating temperature:	-40-+70 °C
Storage/transport temperature:	-40-+85 °C
Relative humidity (non-condensing):	10-95 %

Mechanical construction

Dimensions (WxHxD):	25 mm x114 mm x79 mm
Weight:	240 g
Mounting:	DIN Rail
Protection class:	IP30

Mechanical stability

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
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IEC 60068-2-27 shock:	15 g, 11 ms duration, 18 shocks
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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
EN 61000-4-5 surge voltage:	power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line
EN 61000-4-6 Conducted Immunity:	10 V (150 kHz-80 MHz)

EMC emitted immunity

EN 55022:	EN 55022 Class A
FCC CFR47 Part 15:	FCC 47CFR Part 15, Class A

Approvals

Safety of industrial control equipment:	cUL 508
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Scope of delivery and accessories

Accessories to Order Separately:	Rail power puppy RPS 15, RPS 30, RPS 80 EEC or RPS 120 EEC, 19" installation frame
Scope of delivery:	Device, terminal block, operating manual

Variants

Item #
943962002

Update and Revision:	Revision Number: 0.52 Revision Date: 05-10-2019
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