5+2 Unmanaged 10/100/1G SFP Industrial Switch

ETH-52G-1

Dual SFP Ports Ideal for Daisy Chaining, C1D2/NEMA TS2 (ITS) Design

RLH industrial switches are engineered to provide reliable network performance in harsh environments. The 5+2 Gigabit SFP switch provides both copper and fiber Gigabit Ethernet access. It is environmentally hardened to operate in a wide temperature range, which is the standard for RLH equipment.

Our industrial switches robust features and construction meet the demands of a variety of applications, and are an ideal solution for a wide range of utility and automation environments.
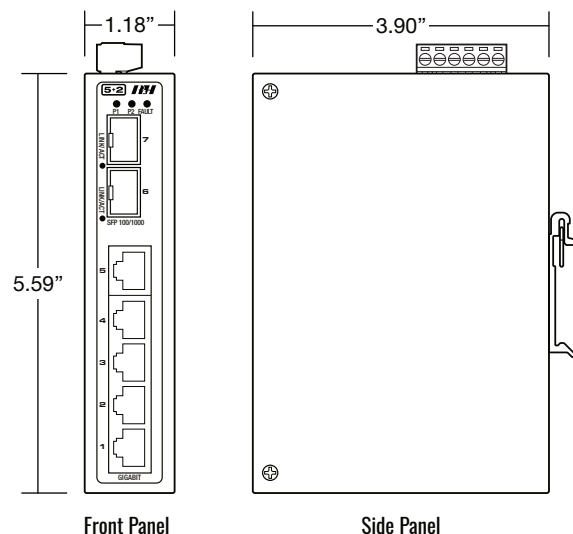

5+2 Unmanaged 10/100/1G SFP

Features

- Hardened to operate in -40°C to +75°C (-40°F to +167°F)
- 2 Dual Rate SFP ports - 100Mbps & 1Gbps
- 5 ports Gigabit Ethernet
- Supports Jumbo Frames
- Auto MDI/MDI-X
- Store-and-forward switching architecture
- Rugged case rated to IP30
- 12-48VDC redundant power inputs with built-in alarm
- 2kV surge protection
- DIN rail & wall mountable
- UL Listed

Dimensions

1.18"   3.90"

5.59"

Front Panel   Side Panel

General Specifications

Data Process:	Store and Forward, CSMA/CD
Standards:	**IEEE 802.3** 10Base-T (Ethernet) **IEEE 802.3ab** 1000Base-T (Gigabit Ethernet) **IEEE 802.3u** 100Base-TX (Fast Ethernet) **IEEE 802.3z** 1000Base-X (Gigabit Fiber)
Transfer Rates:	14,880pps for Ethernet port
	148,800pps for Fast Ethernet port
	1,488,000pps for Gigabit Ethernet port
Transmission Distance:	Up to 100 Meters over twisted pair
Transmission Speed:	Up to 1000Mbps
MAC Address:	8K table size
Ethernet Interface:	Supports Jumbo Frames, Auto MDI/MDI-X, Auto-Negotiation
Ethernet Ports:	(5) 10/100/1000 Mbps
	(2) SFP Slots, Accepts 100 or 1000 Mbps speed modules
LED Status Indicators:	Power 1 (P1), Power 2 (P2), Fault
	Ethernet Ports (Link and Activity)
Power Protection:	Over Current, Power Reversal, Polarity Protection
Power Input:	12~48VDC redundant power inputs (Maximum 6 Amps)
Power Consumption:	8 Watts Max.
Fault Output:	1 Relay output rated for 24VDC @ 1 Amp
Operating Temperature:	-40°C to 75°C (-40°F to 167°F)
Storage Temperature:	-40°C to 85°C (-40°F to 185°F)
Operating Humidity:	5% to 95% (Non-Condensing)
Construction:	Powder coated IP30 steel housing
Case Dimensions:	1.18" (W) x 3.90" (D) x 5.59" (H), (30mm x 99mm x 142mm) *Not including connectors or DIN bracket
Installation:	Standard DIN rail (TS-35) or wall mount *Wall mount brackets included
EMI:	FCC Class A, CE EN61000-4-2/3/4/5/6/8/11/12, CE EN61000-6-2, CE EN61000-6-4
Stability Testing:	IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)

General Specifications (cont.)

Safety:	CE, FCC Class A, UL 61010-1, UL 61010-2-201, File Number: E480850, UL Class 1/Div.2, ISA 12.12.01
Compliance:	NDAA, TAA, NEMA TS2 (ITS), RoHS and REACH compliant
MTBF:	936,469 hours - Telcordia SR-332, Issue 3, GB, 25°C
Warranty:	5 Years - Visit www.fiberopticlink.com for warranty details

Ordering Information

Description	Part Number
5+2 Unmanaged 10/100/1G Industrial Ethernet Switch,, SFP(100/1G) ports 12-48VDC	**ETH-52G-1**

Contact

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