5 Port Gigabit Switch

ETH-5G-1

Industrial Light Layer 3 Gigabit PoE++ Over Fiber

RLH industrial switches are engineered to provide reliable network performance in harsh environments. This gigabit switch comes standard with redundant power inputs and fault alarm. 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.
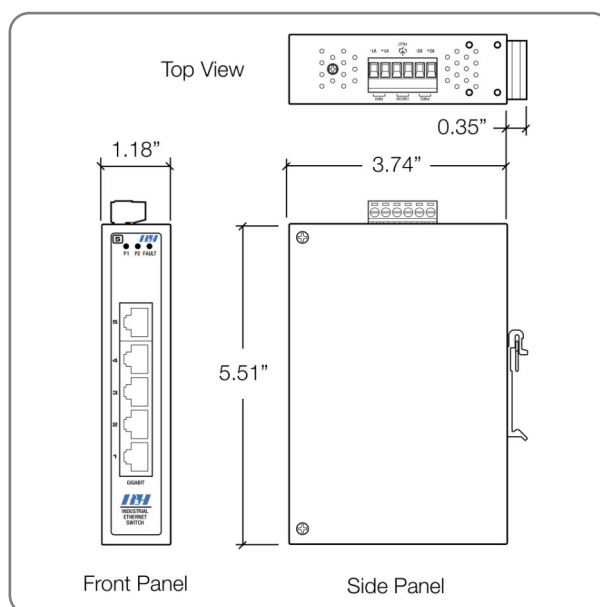
Features

- Wide operating temperature range of -40°C to +75°C (-40°F to +167°F)

- 5 ports of 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

5 Port Gigabit Switch

Dimensions

Top View

1.18"

0.35"

3.74"

5.51"

Front Panel

Side Panel

Specifications

Switch Characteristics	
Data Process:	Store and Forward
Standards:	**IEEE 802.3** 10BaseT Ethernet, **IEEE 802.3u** 100BaseTX Fast Ethernet, **IEEE 802.3ab** 1000BaseT Gigabit Ethernet
Transfer Rate:	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 1000 Mbps
MAC address:	8K table size
Ethernet Interface:	Supports Jumbo Frames (9.6K), Auto MDI/MDI-X, Auto-Negotiation
Ethernet Ports:	(5) 10/100/1000 Mbps
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 (6 position pluggable terminal block)
Power Consumption:	6 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 3.74" (D) x 5.51" (H), (30mm x 95mm x 140mm) *Not including connectors or DIN bracket
Installation:	Standard DIN rail (TS-35) or wall mount *Wall mount brackets included
EMI:	FCC Part 15 Subpart B 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)
Safety:	CE, FCC Class A, UL 61010-1, UL 61010-2-201, File Number: E480850, ISA 12.12.01
Compliance:	NDAA, TAA, NEMA TS2 (ITS), RoHS and REACH compliant
MTBF:	3,049,321 hrs. Telcordia SR-332, Issue 3, GB, 25°C
Warranty:	5 Years Visit www.fiberopticlink.com for warranty details

Ordering Information

Description	Part Number
5 Port Gigabit Switch 12~48VDC (5) Gigabit Ethernet	**ETH-5G-1**

Contact

By Mail:	ATTN: Sales	
	RLH Industries, Inc.	
	936 N. Main Street	
	Orange, CA 92867	
By Phone:	Local	714-532-1672
Sales/Service:	Toll Free	800-877-1672
By Email:	info@fiberopticlink.com	
By Fax:	714-532-1885	

Support

By Email:	support@fiberopticlink.com
By Phone:	Toll Free 855-754-2497