RLH Industries, Inc.

DATA SHEET

5 Port Gigabit Switch

INDUSTRIAL, RUGGED, & COMPACT

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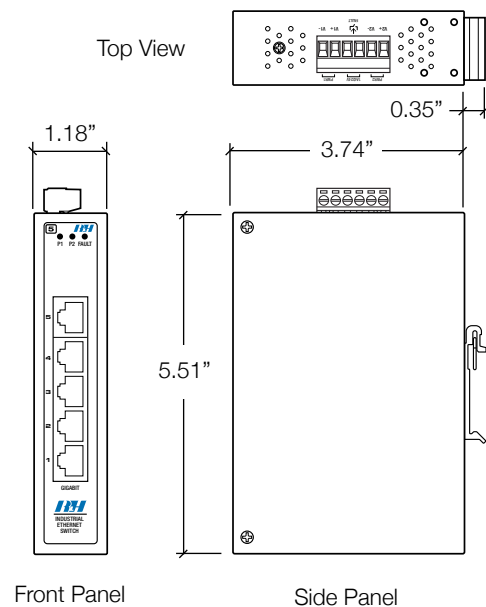
Our industrial switches robust features and construction meet the demands of a variety of applications, and are an ideal solution for a wide range of utility and automation environments.

5 Port Gigabit Switch

Key Features

- Hardened design has a wide operating temperature range -40°F to +167°F (-40°C to +75°C)

- 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

Top View

0.35"

1.18"

3.74"

5.51"

Front Panel

Side Panel

Dimensional Information

General Specifications

Data Process	Store & Forward, CSMA/CD
Standards	IEEE 802.3 10BaseT Ethernet
	IEEE 802.3u 100BaseTX Fast Ethernet
	IEEE 802.3ab 1000BaseT
Transfer Rate	14,880pps - Ethernet port
	148,800pps - Fast Ethernet port
	1,488,000pps - 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
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)
Max Power Consumption	6 Watts
Fault Output	1 Relay output rated for 24VDC @ 1 Amp
Operating Temperature	-40°F to 167°F (-40°C to 75°C)
Storage Temperature	-40°F to 185°F (-40°C to 85°C)
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 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 and UL 61010-2-201, File Number: E480850
Warranty	Limited 5 years *Visit* **www.fiberopticlink.com** *for warranty details*

Ordering Information

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

▶ Please contact your RLH sales representative for pricing and delivery information.