

## 5+2 Gigabit SFP Switch

### INDUSTRIAL, RUGGED, & COMPACT

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.

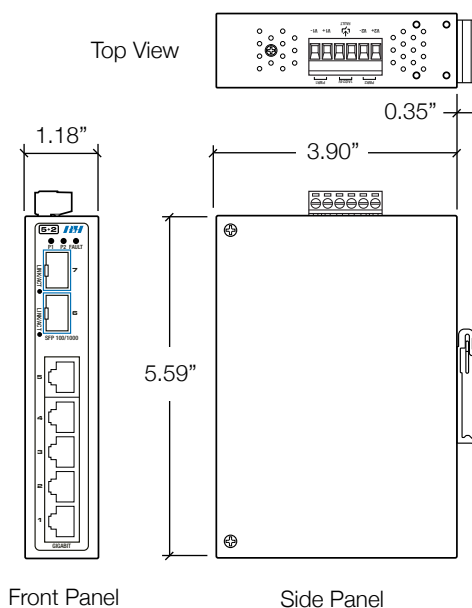
Our industrial switches robust features and construction meet the demands of a variety of applications, and are an ideal solution for a wide range of utility and automation environments.



5+2 Port Gigabit Switch

### Key Features

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



Dimensional Information

## General Specifications

<b>Data Process</b>	Store & Forward, CSMA/CD
<b>Standards</b>	IEEE 802.3 10BaseT Ethernet
	IEEE 802.3u 100BaseTX Fast Ethernet
	IEEE 802.3ab 1000BaseT
	IEEE 802.3z Gigabit Fiber
<b>Transfer Rate</b>	14,880pps - Ethernet port
	148,800pps - Fast Ethernet port
	1,488,000pps - Gigabit Ethernet port
<b>Transmission Distance</b>	Up to 100 Meters over twisted pair
<b>Transmission Speed</b>	Up to 1000Mbps
<b>MAC Address</b>	8K table size
<b>Ethernet Interface</b>	Supports Jumbo Frames, Auto MDI/MDI-X, Auto-Negotiation
<b>Ethernet Ports</b>	(5) 10/100/1000 Mbps
	(2) SFP Slots, Accepts 100 or 1000 Mbps speed modules
<b>LED Status Indicators</b>	Power 1 (P1), Power 2 (P2), Fault
	Ethernet Ports (Link and Activity)
<b>Power Protection</b>	Over Current, Power Reversal, Polarity Protection
<b>Power Input</b>	12~48VDC redundant power inputs (6 position pluggable terminal block)
<b>Max Power Consumption</b>	8 Watts
<b>Fault Output</b>	1 Relay output rated for 24VDC @ 1 Amp
<b>Operating Temperature</b>	-40°F to 167°F (-40°C to 75°C)
<b>Storage Temperature</b>	-40°F to 185°F (-40°C to 85°C)
<b>Operating Humidity</b>	5% to 95% (Non-Condensing)
<b>Construction</b>	Powder coated IP30 steel housing
<b>Case Dimensions</b>	1.18" (W) x 3.90" (D) x 5.59" (H), (30mm x 99mm x 142mm)
	*Not including connectors or DIN bracket
<b>Installation</b>	Standard DIN rail (TS-35) or wall mount *Wall mount brackets included
<b>EMI</b>	FCC Class A, CE EN61000-4-2/3/4/5/6/8/11/12, CE EN61000-6-2, CE EN61000-6-4
<b>Stability Testing</b>	IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)
<b>Safety</b>	CE, FCC Class A, UL 61010-1 and UL 61010-2-201, File Number: E480850
<b>Warranty</b>	Limited 5 years Visit <a href="http://www.fiberopticlink.com">www.fiberopticlink.com</a> for warranty details

## Ordering Information

Description	Power Input	Ports	Part Number
5+2 Gigabit SFP Switch	12~48VDC	(5) Gigabit Ethernet (2) SFP Slots	<b>ETH-52G-1</b>

- ▶ SFP Transceivers are ordered separately. See a list of RLH SFP Transceivers at our website.
- ▶ Please contact your RLH sales representative for pricing and delivery information.