



5 Port Gigabit PoE+ Switch

ETH-5GP-48-1

Industrial, Rugged, and Compact

RLH industrial switches are engineered to provide reliable network performance in harsh environments. The 5 Port Gigabit PoE+ switch provides Gigabit Ethernet access along with PoE+ powering capabilities. It is environmentally hardened to operate in a wide temperature range, which is the standard for RLH equipment.

The PoE+ ports provide up to 30 Watts of power to end devices following the IEEE 802.3af/at standard. The switch has redundant power inputs and an integrated alarm relay for use in critical applications.

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.

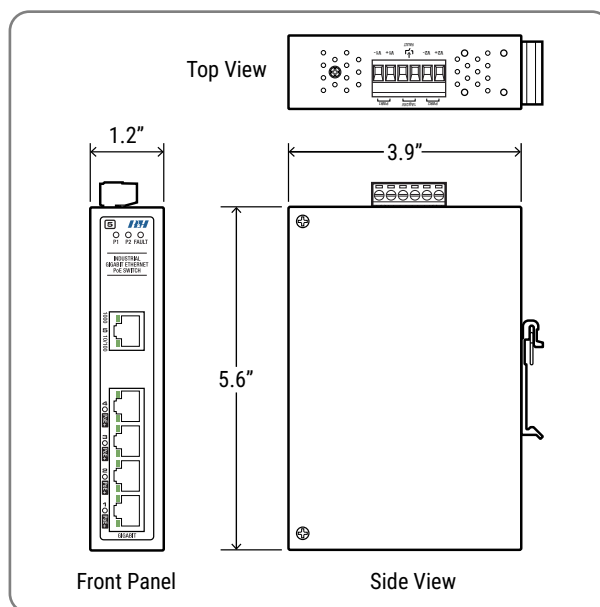
Key Features

- Wide operating temperature range of -40°C to +75°C (-40°F to +167°F)
- 5 Gigabit Ethernet Ports
- 4 PoE+ ports with up to 30 Watts per port
- Up to 120 Watts of PoE output power
- Redundant power inputs
- Integrated alarm relay
- IEEE 802.3af/at Power over Ethernet
- Rugged case rated to IP-30
- DIN rail & wall mountable
- UL Listed



5 Port Gigabit PoE+ Switch

Dimensions





Specifications

Data Process:	Store and Forward, CSMA/CD, IEEE 802.3x flow control, back pressure flow control
Standards:	IEEE 802.3 10BaseT (Ethernet) IEEE 802.3u 100BaseTX (Fast Ethernet) IEEE 802.3ab 1000BaseT (Gigabit Ethernet) IEEE 802.3af Power over Ethernet (PoE) IEEE 802.3at Power over Ethernet Plus (PoE+)
Transfer Rates:	14,880pps for Ethernet port 148,800pps for Fast Ethernet port 1488,000pps for Gigabit Ethernet port
Transmission Distance:	Up to 100 Meters over twisted pair
MAC Address:	8K table size
Ethernet Interface:	Supports Jumbo Frames (10Kbytes), Auto-Negotiation, Full/Half Duplex, Auto-MDI/MDI-X
Ethernet Ports:	(5) RJ-45 - 10/100/1000 Mbps (4 Supporting PoE+)
PoE Power:	30 Watts (Mode A / End Span)
PoE Pin Assignment:	Positive (VCC+) – Pins 1, 2; Negative (VCC-) – Pins 3, 6; Data – Pins 1, 2, 3, 6
LED Status Indicators:	Power 1 (P1), Power 2 (P2), Fault, Master, Ring Ethernet Ports (Link and Activity), PoE+ (On and Off)
Power Protection:	Overload Current Protection & Reverse Polarity Protection
Power Input:	48~55VDC redundant power inputs (6 position pluggable terminal block)
Power Consumption:	System 6W (All ports Active), PoE Output 30W Max per PoE port, 120W PoE Max Budget
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



Specifications (cont'd)

EMI:	FCC Part 15 Subpart B Class A, CE EN61000-6-4, CE EN61000-6-2, CE EN61000-4-2/3/4/5/6/8	
Stability Testing:	IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)	
Safety:	CE, FCC Class A, UL 61010-1 3rd Edition and UL 61010-2-201 1st Edition, File Number: E480850, UL Class 1/Div.2	
Compliance:	NDAA, TAA, RoHS and REACH compliant	
MTBF:	1,037,363 hrs.	Telcordia SR-332, Issue 3, GB, 25°C
Warranty:	5 Years	Visit www.fiberopticlink.com for warranty details

Ordering Information

Description	Part Number
Industrial 5 Port Gigabit SFP PoE+ Switch	ETH-5GP-48-1

Contact

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