

DATA SHEET

5 Port PoE+ Switch

Industrial PoE+ Fast Ethernet Switch

RLH industrial switches are engineered to provide reliable network performance in harsh environments. This 5 port switch provides Ethernet access along with PoE+ powering. 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 unique Flex Power feature allows the device to maintain a consistent PoE+ voltage to end devices regardless of the DC powering voltage provided.

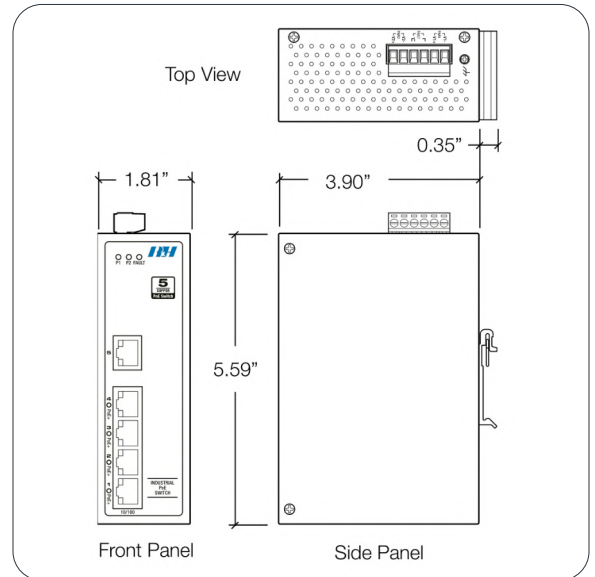
Our industrial switches robust features and construction meet the demands of a variety of applications, and are an ideal solution for a wide range of utility and automation environments.



5 Port PoE+ Switch

Key Features

- Hardened design has a wide operating temperature range -40°F to +167°F (-40°C to +75°C)
- Flex Power – Constant 48VDC PoE+ power (at low input voltages) Four PoE+ ports with up to 30 Watts per port
- IEEE 802.3af/at Power over Ethernet
- PoE Mode A (End Span)
- Auto MDI/MDI-X
- Store-and-forward switching architecture
- Rugged case rated to IP-30
- 12-36VDC redundant power inputs with built-in alarm 2kV surge protection
- DIN rail & wall mountable
- UL Listed



Dimensions

Ordering Information

Description	Part Number
5 Port 10/100 POE+ Ethernet Switch	ETH-5P-1

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Key Specifications

Data Process:	Store & Forward, CSMA/CD
Standards:	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3af/at Power over Ethernet
Transfer Rates:	14,880pps - Ethernet port, 148,800pps - Fast Ethernet port
Transmission Distance:	Up to 100 Meters over twisted pair
Transmission Speed:	Up to 100Mbps
MAC Address:	8K table size
Ethernet Interface:	Auto MDI/MDI-X, Auto-Negotiation
Ethernet Ports:	(4) 10/100 Mbps PoE+, (1) 10/100 Mbps
PoE Power:	30 Watts (Mode A / End Span)
Flex Power:	PoE output voltage remains constant when switch is powered with less than 48VDC
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 Ethernet Ports (Link and Activity), PoE+ (On and Off)
Power Protection:	Over Current, Power Reversal, Polarity Protection
Power Input:	12~36VDC redundant power inputs (6 position pluggable terminal block)
Max Power Consumption:	125 Watts (assuming full PoE load)
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:	1.81" (W) x 3.90" (D) x 5.59" (H), (46mm 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)
Safety:	CE, FCC Class A, UL 508 File Number: E480850
Warranty:	5 Years

DATA SHEETwww.fiberopticlink.com**Contact**

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