



5 Port 10/100 Unmanaged Industrial Switch

ETH-5-1

Slim, MDI/MDI-X Auto Sensing, C1D2/NEMA TS2 (ITS) Design

The RLH 5 Port 10/100 Unmanaged Industrial Ethernet Switch (ETH-5-1) is an environmentally hardened, high-performance networking solution built to uphold critical communication under extreme conditions.

The switch maintains redundant power terminals to ensure high system availability, and alerts end users of lost redundant power via a fault alarm relay and LED.

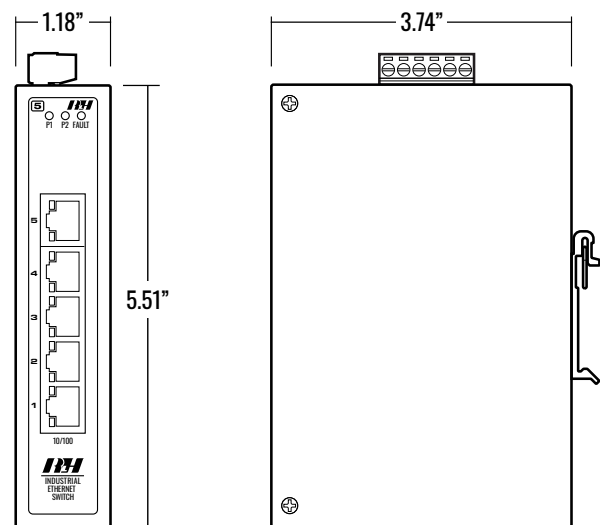
Features

- Hardened to operate in -40°C to 75°C (-40°F to 167°F)
- 5 ports of 10/100Mbps Fast Ethernet
- 12~48VDC dual redundant power inputs
- Built-in alarm relay for redundant power loss
- 2kV surge protection
- DIN rail & wall mountable
- Rugged case rated to IP-30
- UL Class 1, Division 2 Hazardous Location Certified
- Meets NEMA TS2 Requirements for Traffic Control
- NDAA, TAA, REACH, CE, FCC Class A, and RoHS Compliant
- 5 Year Warranty



5 Unmanaged 10/100

Dimensions



Front View

Side View





General Specifications

Data Process:	Store and Forward, CSMA/CD
Standards:	IEEE 802.3 10BaseT (Ethernet), IEEE 802.3u 100BaseTX (Fast Ethernet), IEEE 802.3x (Flow Control)
Transfer Rate:	14,880pps - Ethernet 148,800pps - Fast Ethernet
Transmission Distance:	Up to 100 Meters/328 Feet over twisted pair cabling
Transmission Speed:	Up to 100Mbps
MAC Address:	2k table size
Ethernet Interface:	Auto-MDI/MDIX, Auto-Negotiation, Full/Half-Duplex Support
Ethernet Ports:	(5) 10/100Mbps
LED Status Indicators:	Power 1 (P1), Power 2 (P2), Redundant Power Loss (Fault) Ethernet Ports (Link and Activity)
Power Protection:	Over Current, Polarity Protection
Power Input:	12~48VDC redundant power inputs (6 position pluggable terminal block)
Power Consumption:	Max. 3 Watts
Fault Alarm:	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 dust caps or DIN bracket
Mounting Style:	Standard DIN rail (TS-35) or wall mount *Wall mount brackets included
EMI/EMS:	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, ISA 12.12.01, UL Class 1/Div.2
Compliance:	NDAA, TAA, NEMA TS2 (ITS), RoHS and REACH compliant
Warranty:	5 Years - Visit www.fiber opticlink.com for warranty details

Ordering Information

Description	Part Number
5 Port Unmanaged 10/100 Industrial Ethernet Switch 12-48VDC	ETH-5-1

Contact

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