



8+4 Unmanaged 10/100/1G SFP Industrial Switch

ETH-84G-1

High Port Count, 12-48 VDC Powered C1D2/NEMA TS2 (ITS) Design

RLH industrial switches are engineered to provide reliable network performance in harsh environments. The 8+4 Gigabit SFP switch is an unmanaged switch that accepts both copper and fiber Gigabit Ethernet access. Dual rate industrial grade SFPs are supported.

It is environmentally hardened to operate over a wide temperature range, which makes it ideal for locations that are found in industrial locations, such as in factory, utility, equipment closets, and other uncontrolled environments.

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.

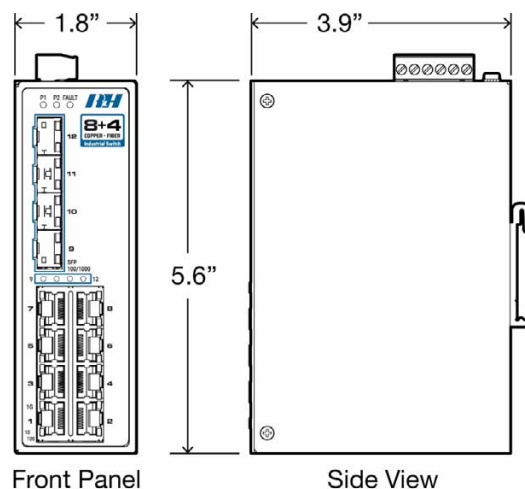
Features

- Wide operating temperature range of -40°C to +75°C (-40°F to +167°F)
- 4 Dual Rate SFP ports - 100Mbps & 1Gbps
- 8 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



8+4 Unmanaged 10/100/1G SFP

Dimensions



Front Panel

Side View



General Specifications

Data Process:	Store & 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 802.3z 1000Base-X Gigabit Fiber
Transfer Rates:	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:	(8) RJ-45 - 10/100/1000 Mbps (4) SFP Ports – Accepts 100 or 1000 speed SFP Modules
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)
Power Consumption:	8 Watts Max.
Fault Output:	1 Normally Open (SPST) alarm 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



General Specifications (cont.)

Installation:	Standard DIN rail (TS-35) or wall mount *Wall mount brackets included
EMI:	FCC Part 15 Subpart B Class A, CE EN55032, 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 3rd Edition, UL 61010-2-201 1st Edition, File Number: E480850
Compliance:	NDAA, TAA, RoHS and Reach Compliant
MTBF:	791,981 hrs. - Telcordia SR-332, Issue 3, GB, 25°C
Warranty:	5 Years - Visit www.fiber opticlink.com for warranty details

Ordering Information

Description	Part Number
8+4 Unmanaged 10/100/1G Industrial Ethernet Switch, SFP(100/1G) ports 12-48VDC	ETH-84G-1

- 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

Contact

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