EX32008

Industrial Unmanaged 8 port 10/100BASE-TX Ethernet Switch



Overview

EtherWAN's EX32008 is a industrial unmanaged Fast Ethernet switching platform, designed for easy deployment in harsh environments. The EX32008 Series supports 12 to 48VDC redundant power input, and also provides relay alarm while power failure or port link down occur.

The EX32008 is equipped with eight Fast Ethernet ports. This versatile switch features 10/100Mbps transfer speeds, full/half-duplex auto-negotiation and auto MDI/MDIX operation allowing you to connect your network devices without hassles.

The EX32008 is feature-rich with full wire speed Fast Ethernet throughput, QoS (Quality of Service), and IEEE802.3az EEE (Energy Efficient Ethernet). The EX32008 is built with relay alarm to notify users when power fails or link down occurs. It also supports port link down alarm by enabling the DIP switch. The EX32008 is housed with DIN rail mountable plastic compact case which is an ideal solution for applications in harsh environments.

EtherWAN — "When Connectivity is Crucial."

Spotlight

+ Industrial Grade

Supports -10 to 60°C (14 to 140°F) operating temperature

+ High Reliability

Fanless design

Specifications

Technology

Standards

IEEE 802.3u 100BASE-TX/FX

IEEE 802.3x full-duplex flow control

IEEE 802.3az Energy Efficient Ethernet

IEEE 802.1p Quality of Service (QoS)

Forward/Filtering Rate

14,880pps for 10Mbps

148,810pps for 100Mbps

Packet Buffer Memory

448K bits

Processing Type

Store-and-Forward

Auto Negotiation

Half-duplex back-pressure and IEEE 802.3x full-duplex flow control

Auto MDI/MDIX

Address Table Size

1K MAC addresses

Interface

Ethernet

10/100BASE-TX: 8

LED Indicators

Per Unit: Power 1 (Green), Power 2 (Green), Fault (Red)

Per Port: Link/Activity (Green)

DIP Switches

Enable/Disable Port fault alarm

Alarm Contact

One relay output with current 1A@250VAC

Supports normal close and normal open

Environmental

Operating Temp.

-10 to 60°C (14 to 140°F)

Storage Temp.

-40 to 85°C (-40 to 185°F)

Ambient Relative Humidity

5% to 95% (non-condensing)

Power

Input

12-48VDC (Terminal Block)

Power Consumption

2.47W@24VDC

Protection

Reverse Polarity Protection

Physical

Casing Material

Plastic Case

IP Rating

IP30

Dimensions

35 x 86 x 149mm (W x D x H) (1.4" x 3.44" x 5.96")

Weight

0.3Kg (0.66lbs)

Installation Type

DIN-Rail (Top hat type 35mm) mounting

Regulatory

ISO

Manufactured in ISO-9001 facility

EMI

FCC Part 15B Class A

VCCI Class A

EN 61000-6-4

EN 61000-3-2

EN 61000-3-3

EN 55022 Class A

EMS

EN 61000-6-2

- EN 61000-4-2 (ESD)
- EN 61000-4-3 (Radiated RFI)
- EN 61000-4-4 (Burst)
- EN 61000-4-5 (Surge)
- EN 61000-4-6 (Induced RFI)
- EN 61000-4-8 (Magnetic field)

Safety

UL 60950

UL 62368

Environmental Test Compliance

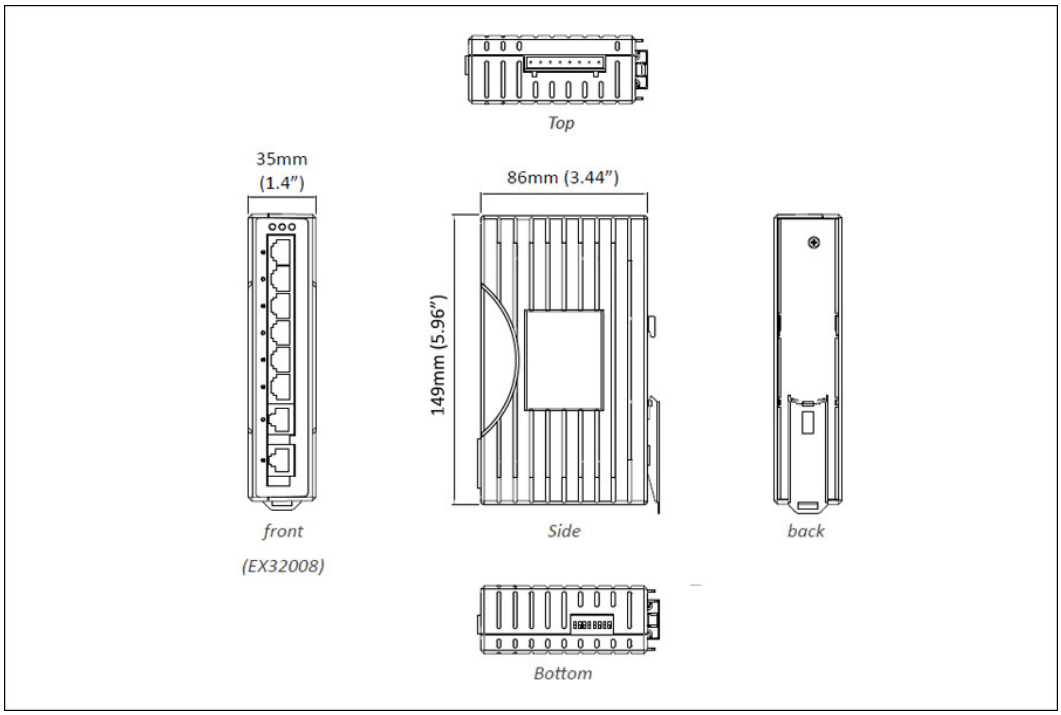
IEC 60068-2-6 Fc (Vibration)

IEC 60068-2-27 Ea (Shock)

FED STD 101C Method 5007.1 (Free fall w/package)

- Tested with Cross Weight and Drop High standard table

Dimensions



Ordering Info

Model

EX32008	8-port 10/100BASE-TX Industrial Unmanaged Ethernet Switch

* EX32017 EOL Notice

Accessories

Power Supplies

EPOW-24-60	Power Supply, Hardened (-40°C - +75°C) External 100-277 VAC Input; NEMA-TS2 rated; 60W, 24VDC, 0-11.1A with Open Wire (US Plug) - No Deration at High Temps
EPHX-24-60	60W/2.5A DIN-Rail 24VDC Industrial Power Supply - No Deration at High Temps
EPHX-48-240	240W/5A DIN-Rail 48VDC (42-56VDC Adjustable) Industrial Power Supply - No Deration at High Temps
EPHX-48-480	480W/10A DIN-Rail 48VDC (36-55VDC Adjustable) Industrial Power Supply - No Deration at High Temps

* DIN-Rail mounting kit included.

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