EX42008

強固級非網管 8 埠10/100BASE-TX 乙太網路交換器



產品介紹

本產品自2025年12月31日起停產。 請點選 此處 尋找替代產品。

EX42008為強固級非網管乙太網路交換器，支援12到48VDC雙電源備援輸入，並支援斷線或斷電告警機制。內建8個10/100BASE乙太網路連接埠，支援10/100Mbps傳輸速率，full/half-duplex auto-negotiation和auto MDI/MDIX選擇，能彈性應用於多種解決方案。

EX42008功能相當完整，支援full wire speed Fast Ethernet throughput、QoS (Quality of Service)、IEEE 802.3az EEE (Energy Efficient Ethernet)，並支援IEEE 802.3x自動協商功能、全雙工/半雙工流量控制、自動MDI/MDI-X跳線偵測、線性、無阻塞傳輸，無風扇設計。當電源故障或通訊中斷，可經由繼電器輸出警報，幫助現場人員快速診斷並排除異常。

EX42008專為嚴苛戶外環境設計打造，可在-40到75°C寬溫環境下穩定運作。

EtherWAN — "When Connectivity is Crucial."

產品亮點

強固等級設計

寬溫操作(-40到75°C)

高可靠性能

無風扇設計

全機體固定設計，無可活動零件

產品規格

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 and 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 IEEE802.3x full-duplex flow control

Auto MDI/MDIX

Address Table Size

1K MAC addresses

Interface

Ethernet Ports

10/100BASE-TX: 8

LED Indicators

Per Unit: Power1 (Green), Power2 (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

Environment

Operating Temperature

-40 to 75°C (-40 to 167°F)

Storage Temperature

-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

Mechanical

Casing

Aluminum Case

IP30

Dimensions

30 x 100 x 149mm (W x D x H)

(1.18" x 4" x 5.96")

Weight

0.39Kg (0.841lbs)

Installation

DIN-Rail (Top hat type 35mm) mounting

Regulatory Approvals

ISO

Manufactured in an ISO 9001 facility

Safety

UL 60950

UL 62368

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 Standards)

• EN 61000-4-3 (Radiated FRI Standards)

• EN 61000-4-4 (Burst Standards)

• EN 61000-4-5 (Surge Standards)

• EN 61000-4-6 (Induced RFI Standards)

• EN 61000-4-8 (Magnetic Field Standards)

Environmental Test Compliances

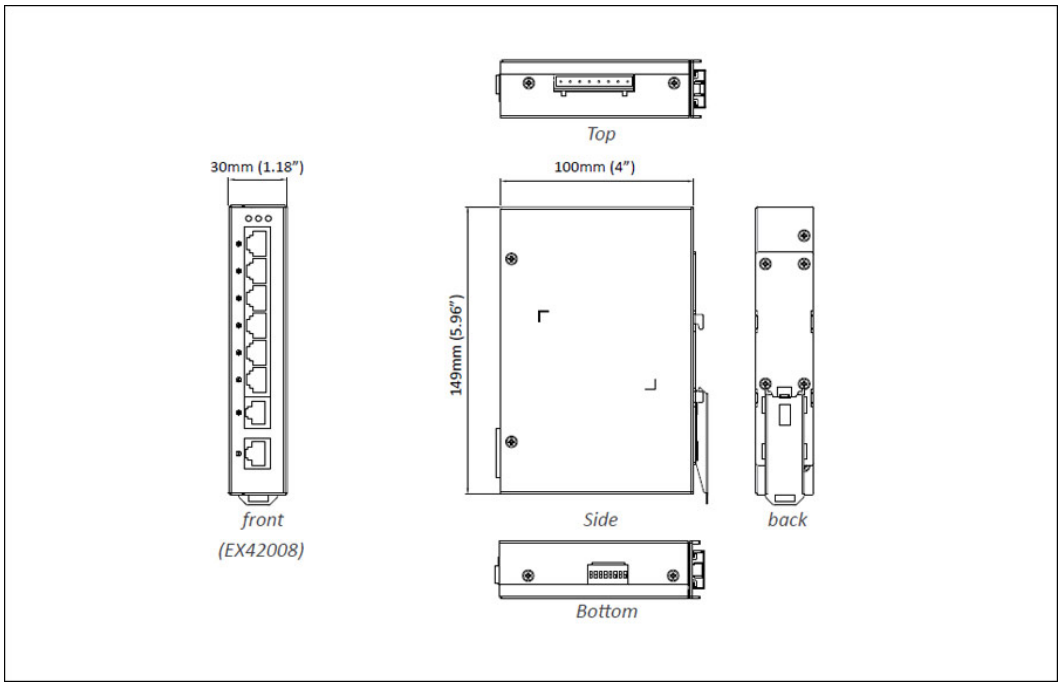
IEC 60068-2-6 Fc (Vibration)

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

產品尺寸圖



訂購型號

型號

EX42008	8-port 10/100BASE-TX Hardened Unmanaged Ethernet Switch

* DIN-Rail mounting kit included.

* EX42017 停產公告

Optional Accessories

HDR-30-24	30W/1.5A DIN-Rail 24VDC Industrial Power Supply
HDR-60-24	60W/2.5A DIN-Rail 24VDC Industrial Power Supply
EDR-75-24	75W/3.2A DIN-Rail 24VDC Industrial Power Supply

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