

## EL2242

強固級 PoE 10/100/1000BASE-T- 100/1000BASE Dual Rate 光電轉換器



### 產品亮點

#### + PoE以太網路供電

支援IEEE 802.3at PoE/PSE供電標準

#### + 強固等級設計

寬溫操作(-40到75°C)

#### + 光纖埠支援Dual Rate

SFP光纖埠支援100/1000BASE-X

### 產品介紹

EL2242系列具備1個10/100/1000BASE-T(X)搭配1個100/1000BASE SFP光纖埠。透過指撥式開關可彈性選擇Link-Fault-Pass-Through (LFPT)功能是否開啟。支援IEEE 802.3at PoE/PSE供電標準，透過RJ45同時傳輸電力和資料，最高可支援30W。EL2242系列專為工業環境設計打造，工業等級設計可承受強力的落摔衝擊、防震動及抗電磁波干擾，同時可在-45到75°C環境下穩定運作，於嚴苛的專案規劃佈局中扮演致勝的關鍵角色。

EtherWAN — "When Connectivity is Crucial."

## 產品規格

### + 介面

乙太網路埠

10/100/1000BASE-TX: 1 port

100/1000BASE-SFP: 1 port

LED 指示燈號

Per Unit: Power 1, Power 2, Alarm

Per 10/100/1000BASE-TX Port: 1000, 10/100,

Link/Activity

Per 100/1000BASE-FX Port: 1000, 100, Link/Activity

PoE: On/Off

LFPT: On/Off

### + 技術

標準

IEEE 802.3 10BASE-T

IEEE 802.3u 100BASE-TX

IEEE 802.3z 1000BASE-SX/1000BASE-LX

IEEE 802.3ab 1000BASE-T

IEEE 802.3at PoE

IEEE 802.3af PoE

Forward and Filtering Rate

14,880pps for 10Mbps

148,810pps for 100Mbps

1,488,100pps for 1000Mbps

Packet Buffer Memory

256K bits

傳輸型式

Cut-through mode

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

Auto-negotiation

Auto MDI/MDIX

### + 電源

輸入電壓

48-57VDC for unit and PoE system (50-57VDC is recommend for PoE+ device)

電力功耗

4.56W max. 0.38A@12VDC, 0.07A@48VDC

保護

Over Current Protection

Reverse Polarity Protection

### + 機構

**機殼**

Aluminum

**尺寸**

42 x 90 x 100mm (W x D x H)

1.65" x 3.54" x 3.94"

**重量**

0.38kg (0.83lbs)

**安裝方式**

DIN-rail mounting (Top hat type 35mm)

**+ 環境**

**工作溫度**

-40 to 75°C (-40 to 167°F)

**儲存溫度**

-45 to 85°C (-49 to 185°F)

**工作濕度**

5% to 95% (無凝結)

**+ 通過認證**

**ISO**

Manufactured in ISO-9001 facility

**EMI**

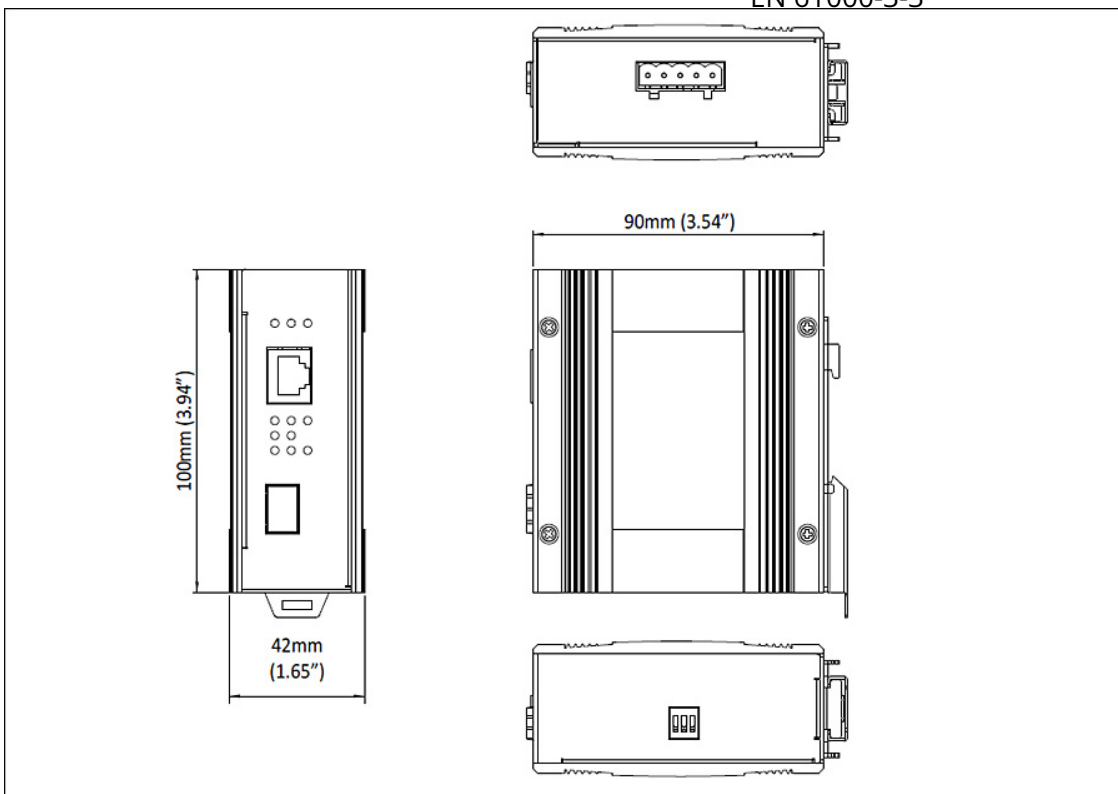
FCC Part 15B Class A

VCCI Class A

EN 61000-6-4

EN 61000-3-3

**產品尺寸圖**



**+ 保固**

**Length**

Limited Lifetime

**Details**

[www.etherwan.com/support/warranty-policy](http://www.etherwan.com/support/warranty-policy)

**+ What's Included**

**Device**

Media Converter

**Documentation**

Quick Install Guide

## 訂購型號

### + 型號

**EL2242-X1B** 10/100/1000BASE-T to 100/1000BASE Dual Rate Hardened PoE Media Converter

\* DIN-Rail mounting kit included.

### + 1000BASE-X Fiber Options (X)

V 100/1000BASE-X SFP

### + Optional Accessories

**EDR-75-48** 75W/1.6A DIN-Rail 48VDC Industrial Power Supply

### + Accessories

**DIN-Rail Power Supplies** [www.etherwan.com/products/din-rail-power-supply](http://www.etherwan.com/products/din-rail-power-supply)

