EX42011 系列

工業級 10/100BASE-TX- 100BASE-FX 光電轉換器



產品介紹

EX42011系列為輕薄型設計，工業級鋁軌式安裝光電轉換器，具備1個10/100BASE乙太網路連接搭配1個100BASE-FX光纖埠，產品隨插即用，支援熱插拔，不須額外設定。

EX42011系列支援4kV突波防護，符合EN 61000-4-5標準，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可在-10到60°C寬溫環境下穩定運作，其輕巧外型設計針對工廠、倉庫和沒有氣溫控制的場域應用是最佳解決方案。

EtherWAN — "When Connectivity is Crucial."

產品亮點

簡易安裝方式

隨插即用

高突波防護設計

支援4kV突波防護符合EN 61000-4-5標準

電源輸入範圍

支援電源輸入範圍12-48VDC

產品規格

Technology

Standards

IEEE 802.3 10BASE-T

IEEE 802.3u 100BASE-TX and 100BASE-FX

IEEE 802.3x Full duplex and flow control

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 IEEE 802.3x Full-Duplex flow control

Auto MDI/MDIX

Interface

Ethernet Ports

10/100BASE-TX: 1 ports

100BASE-FX: 1 ports

LED Indicators

Per Unit: Power 1

Per port: Link/Activity (Green), Speed (Yellow)

Environment

Operating Temperature

-10 to 60°C (14 to 140°F)

Tested @ -20 to 70°C (-4 to 158°F)

Storage Temperature

-25 to 85°C (-13 to 185°F)

Ambient Relative Humidity

5% to 95% (non-condensing)

Power

Input

12 to 48VDC (Terminal Block)

Power Consumption

1.82W Max.

0.14A@12VDC,

0.07A@24VDC

0.038A@48VDC

Protection

Reverse Polarity Protection

Mechanical

Casing

Plastic Case

IP30

Dimensions

26 x 70 x 110mm (W x D x H)

(1.02" x 2.76" x 4.33")

Weight

0.2Kg (0.44bs.)

Installation

DIN-Rail (top hat type 35mm) or panel mounting

Regulatory Approvals

ISO

Manufactured in an ISO 9001 facility

Safety

UL 62368

EMI

FCC Part 15B Class A

VCCI Class A

EN 61000-3-2

EN 61000-3-3

EN 61000-6-4

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)

Signal ports: ±4kV line-to-ground

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

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

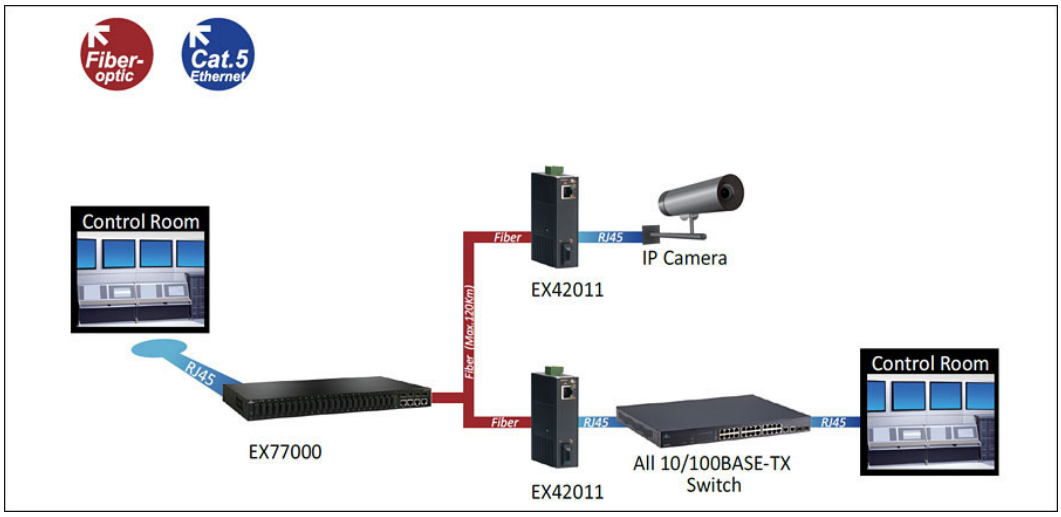
Environmental Test Compliances

IEC 60068-2-6 Fc (Vibration)

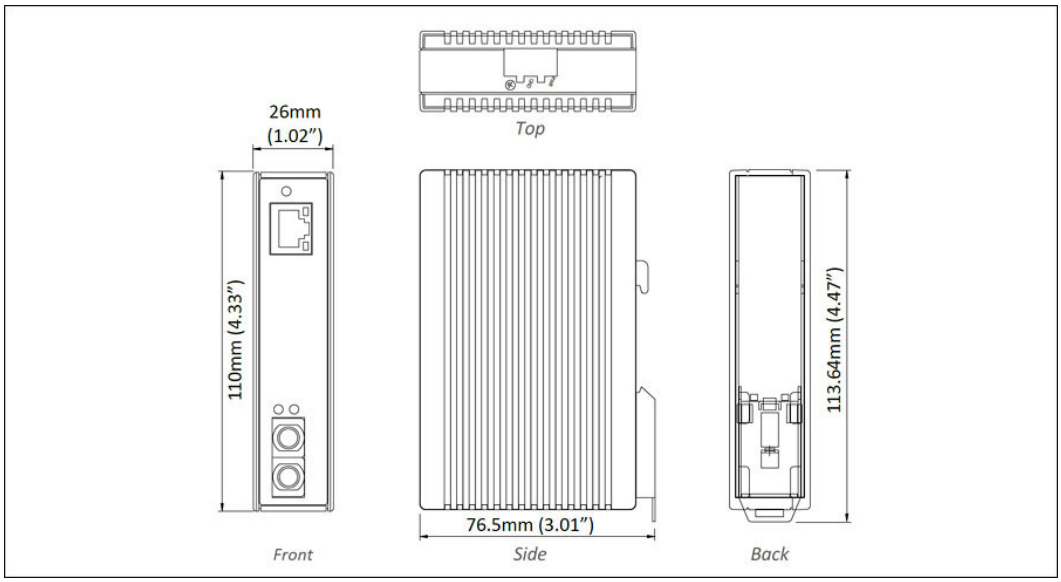
IEC 60068-2-27 Ea (Shock)

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

產品應用圖


Fiber-optic
Cat.5 Ethernet
Control Room
Fiber
RJ45
IP Camera
EX42011
Fiber (Max 20Km)
RJ45
EX77000
Fiber
RJ45
RJ45
Control Room
All 10/100BASE-TX Switch
EX42011

產品尺寸圖


26mm (1.02")
Top
110mm (4.33")
76.5mm (3.01")
113.64mm (4.47")
Front
Side
Back

訂購型號

型號

EX42011-XY-1-A	10/100BASE-TX to 100BASE-FX Industrial Media Converter with 4kV surge protection

* DIN-Rail mounting kit included.

100FX Fiber Options (XY)

1A	Multi Mode (SC) - 2Km (1310nm)
1B	Multi Mode (ST) - 2Km (1310nm)
2A	Single Mode (SC) - 20Km (1310nm)
2B	Single Mode (SC) - 40Km (1310nm)
2D	Single Mode (ST) - 20Km (1310nm)
1H	Multi Mode (SC) WDM-TX: 1310nm/RX: 1550nm-2Km
1J	Multi Mode (SC) WDM-TX: 1310nm/RX: 1550nm-5Km
2E	Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-20Km
2F	Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-40Km
1I	Multi Mode (SC) WDM-TX: 1550nm/RX: 1310nm-2Km
1K	Multi Mode (SC) WDM-TX: 1550nm/RX: 1310nm-5Km
2G	Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-20Km
2H	Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-40Km

* More 100FX Fiber options also available upon request.

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
EDR-120-24	120W/5A DIN-Rail 24VDC Industrial Power Supply
EX41-145046-X	Power Supply 45W 12VDC with Open Wire (X) = 1: US, 2: EU, 3: UK, 4: AU, 5: JP, 6: SA



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