EC2-P32

EtherCAT Slave I/O 模組具有 32 通道數位隔離輸入

特色

- On the fly processing: EtherCAT
- 2 個 RJ-45 接口
- 點與點之間的通訊距離最大為 100 m (100BASE-TX)
- 支援菊花鏈形 (Daisy Chain) 連接
- 可拆卸接線端子連接器
- 輸入狀態的 LED 指示燈
- 內置 32 通道隔離輸入
- 低通濾波器

介紹

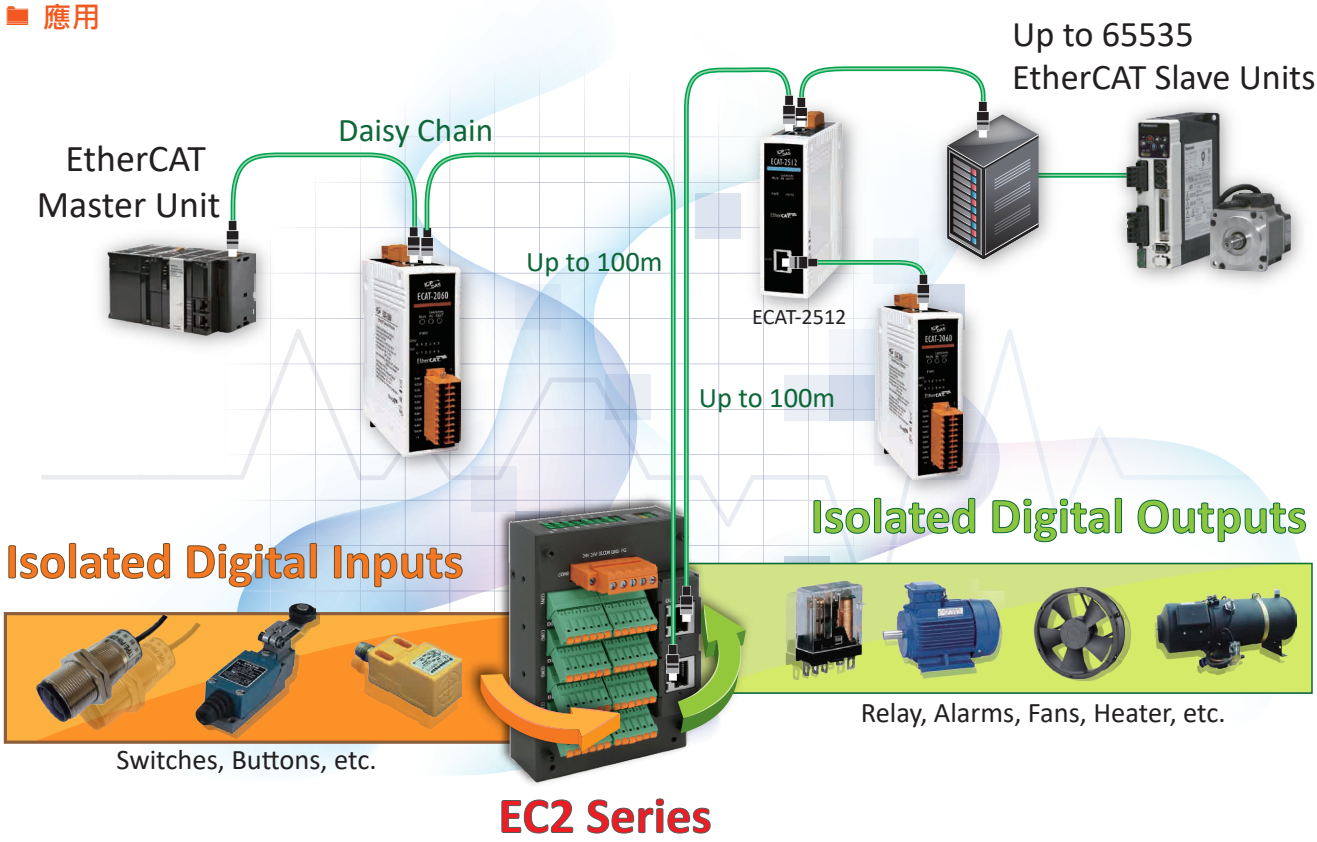
EC2-P32 是一款工業 I/O 模組，內置 32 個數位輸入。它配備了 EtherCAT 協議並通過菊花鏈連接安裝，從而提供了一個可擴展性更高的系統和更少的電線。用戶不僅可以透過數據獲得輸入和輸出狀態，還可以透過其 LED 指示燈獲得。EC2-P32 已通過一致性測試並通過驗證，因此符合條件的 EtherCAT Master 或配置者可以簡單地操作它並輕鬆實施您的各種應用程序。

* EtherCAT® is registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany.

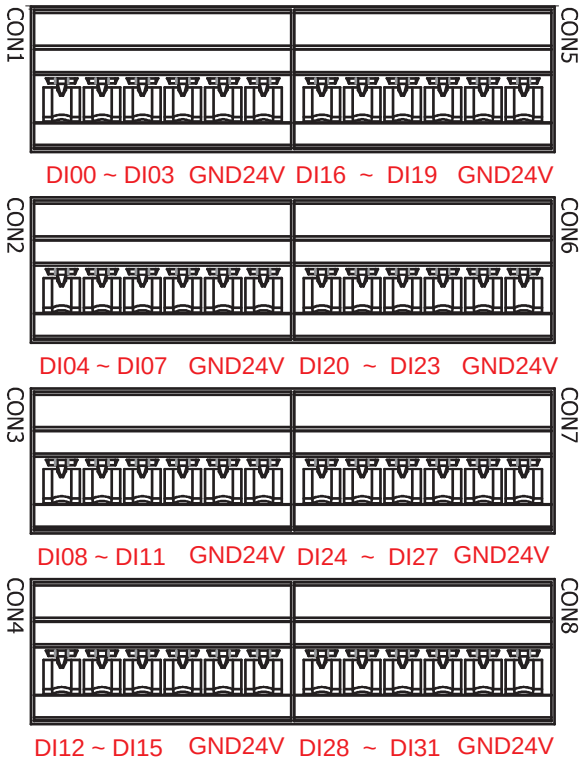
規格

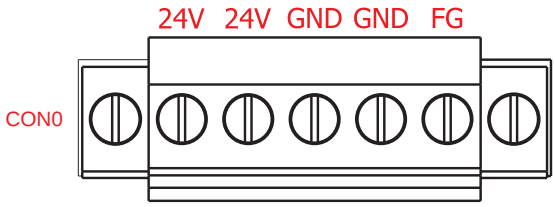
EMS 防護	
EFT (IEC 61000-4-4)	Signal: 1 KV Class B; Power: 1 KV Class B
ESD (IEC 61000-4-2)	±4 kV Contact for Each Terminal
Surge (IEC 61000-4-5)	± 1 kV Class A
數位輸入	
通道數	32
類型	Wet (Sink & Source)/ Dry (Source)
ON 電壓準位	Wet Contact: +10 V ~ +24 V Dry Contact: Close to GND
OFF 電壓準位	Wet Contact :+4 V Max. Dry Contact: Open
隔離	3750 VDC
EtherCAT	
Ports	EtherCAT, 2 X RJ45
站與站間距離	Max. 100 m (100 Base-Tx)
資料傳輸媒介	Ethernet/EtherCAT cable (min. CAT5), shielded
週期時間	100 us
分佈式時鐘	Yes
Node ID	Up to 256
電源	
輸入範圍	+24 VDC
功耗	3 W
機構	
外殼	Metal with IP40
尺寸 (mm)	83 x 122 x 65 (W x L x D)
安裝	DIN-Rail or Wall Mounting
環境	
工作溫度	-25 ~ +75°C
儲存溫度	-30 ~ +80°C
濕度	10 ~ 90% RH, Non-condensing

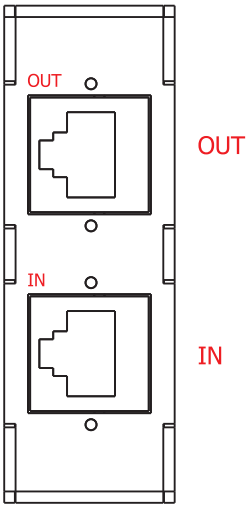
應用

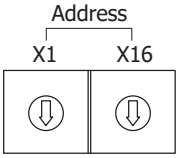


腳位配置



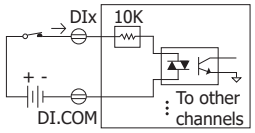
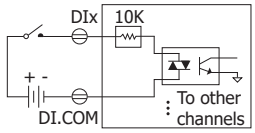
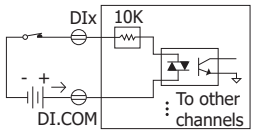
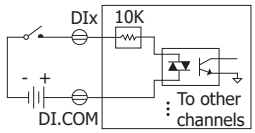
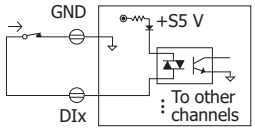
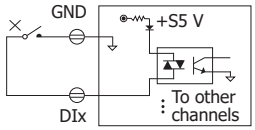




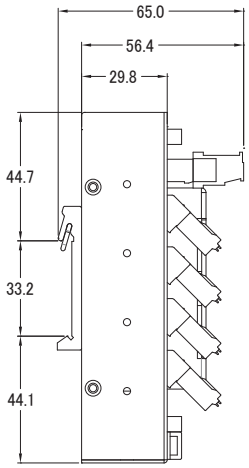


Rotary Switch 為十六進制
Address 為雙位數
X16 為 High 順位
X1 為 Low 順位

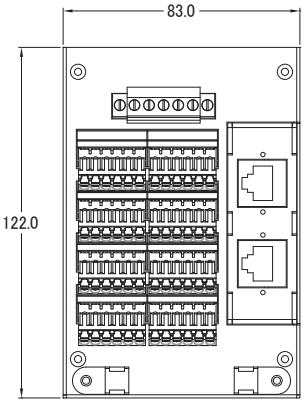
接線圖

Digital Input/ Counter	Readback as 1	Readback as 0
Sink	+10 ~ +24V	OPEN or <4 VDC
		
Source	+10 ~ +24V	OPEN or <4 VDC
		
Dry Contact	Close to GND	Open
		

機構尺寸 (單位 : mm)



左視圖



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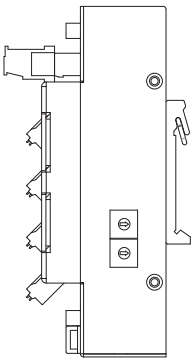
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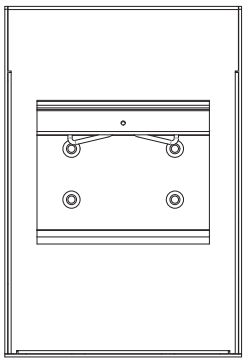
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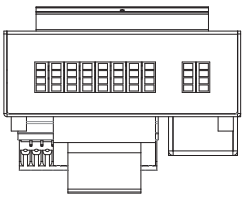
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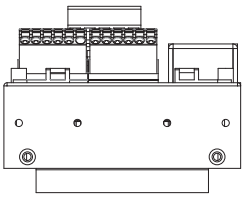
上視圖

訂購資訊

EC2-P32 CR	EtherCAT Slave I/O 模組具有 32 通道數位隔離輸入 (RoHS)