



EIP-2217

8 通道差動或 16 通道單端類比輸入 EtherNet/IP 模組

特色

- 傳輸協定：EtherNet/IP
- 32 位元高效能控制單元可有效處理乙太網路通訊
- 乙太網路韌體更新程序
- 類比輸入
 - 差動：16 通道
 - 單端：8 通道
- 內建雙通道乙太網交換器 (LAN Bypass)，可建構菊花鏈 (Daisy-Chain) 拓模



介紹

EIP-2000 系列是 EtherNet/IP 的遠程搖控模組，客戶可以很方便的整合到工業及企業應用中，EIP-2000 系列支援菊鍊連接 (daisy chain)，增加安裝的靈活性，更易於安裝且降低成本。支援所有以太網路拓撲，星狀、總線及環狀等。模組內部的隔離保護設計更能有效阻絕外部干擾。EIP-2217 是一個 8 通道差動或 16 通道單端的類比輸入模組，模組內部提供了跳帽給使用者調整差動或單端模式，EIP-2217 可量測電壓及電流，其精準度可達 0.1% FSR。模組類型為 EtherNet/IP 的從端，使用者可以藉由觀察模組上的 LED 指示燈來確認連線狀態，及類比輸入讀取狀態，泓格更是提供了免費的應用工具軟體來設定及測試 EIP-2000 模組。

產品應用



接線方式

串口說明	腳位說明
SW1	Init / Run
PWR	F.G.
	GND
	+ Vs
ETH1	
ETH2	

腳位說明	SW2	腳位說明
I0	ON	V0
I1		V1
I2		V2
I3		V3
I4		V4
I5		V5
I6		V6
I7		V7

腳位說明	端子編號	腳位說明
VI0	01	02 VI0-/VI8
VI1	03	04 VI1-/VI9
VI2	05	06 VI2-/VI10
VI3	07	08 VI3-/VI11
VI4	09	10 VI4-/VI12
VI5	11	12 VI5-/VI13
VI6	13	14 VI6-/VI14
VI7	15	16 VI7-/VI15
AGND	17	18 AGND
AGND	19	20 AGND

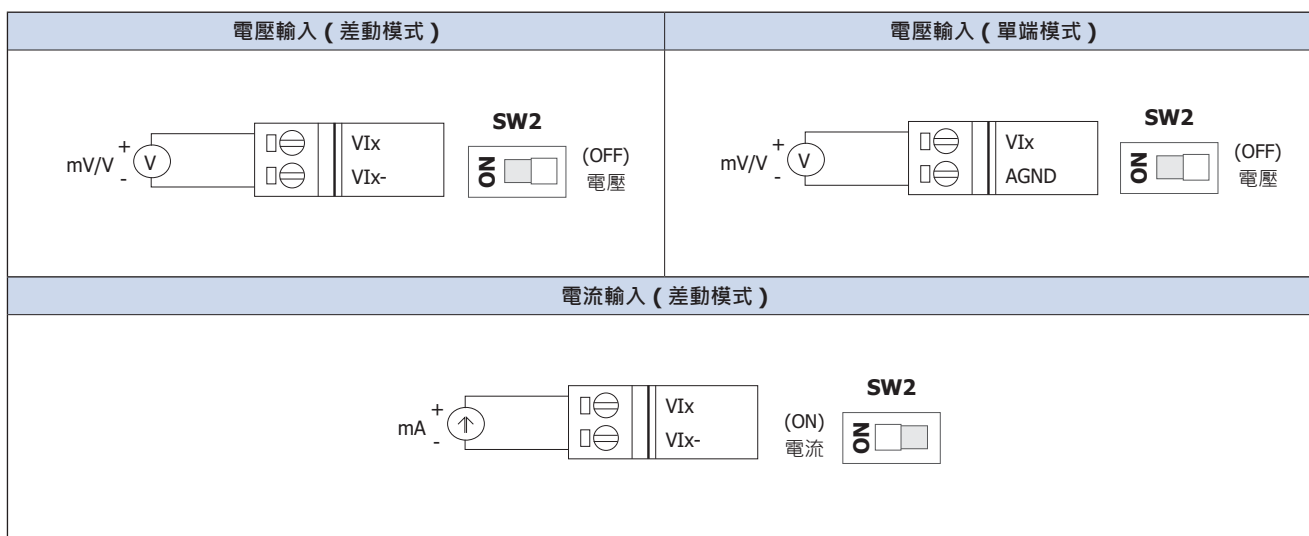
20-pin 端子台

規格

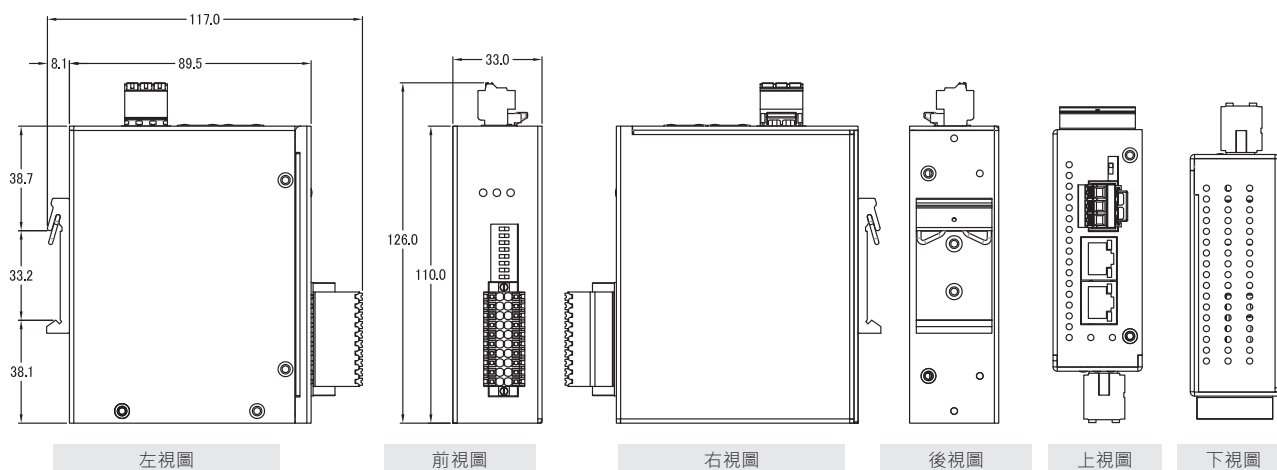
CPU Module	
CPU	32-bit ARM
Watchdog Timer	Module, Communication (Programmable)
Isolation	
2-way Isolation	Ethernet: 1500 VDC I/O: 3000 VDC
EMS Protection	
EFT (IEC 61000-4-4)	±4 kV for Power Line
ESD (IEC 61000-4-2)	±4 kV Contact for Each Terminal ±8 kV Air for Random Point
Surge (IEC 61000-4-5)	±2 kV for Power Line
LED Indicators	
Status	Run, Ethernet
Analog Input	
Channels	8 Differential or 16 Single-ended
Type	Voltage: ±150 mV, ±500 mV, ±1 V, ±2.5 V, ±5 V, ±10 V Current: ±20 mA, 0 ~ +20 mA, +4 ~ +20 mA (DIP switch selectable - see Note 1)
Resolution	16-bit
Accuracy	Normal Mode: ±0.1% of FSR Fast Mode: ±0.5% of FSR
Sampling Rate	Normal Mode: 20 Hz (total channels) Fast Mode: 200 Hz (total channels)
Input Impedance	Voltage: 2 MΩ (Differential), 1 MΩ (Single-ended) Current: 137 Ω (Differential)
Common Voltage Protection	±200 VDC
Overvoltage Protection	120 VDC
Individual Channel Configuration	Yes
Open Wire Detection	For 4 to 20 mA only
Ethernet	
Ports	2 x RJ-45, 10/100 Base-Tx, Switch Ports Support daisy chain connection.
LAN bypass	Yes
Protocol	EtherNet/IP (Adapter)
Power	
Reverse Polarity Protection	Yes
Consumption	3.3 W (max.)
Powered from Terminal Block	+10 to +48 VDC
Mechanical	
Casing	Metal
Dimensions (mm)	33 x 127 x 117 (W x L x H)
Installation	DIN-Rail mounting / Wall mounting (Optional ASO-0015)
Environment	
Operating Temperature	-25 ~ +75 °C
Storage Temperature	-40 ~ +80 °C
Humidity	10 ~ 90% RH, Non-condensing

Note 1: Differential wiring can be used for both voltage input and current input. Single-ended wiring can only be used for voltage input.

接腳配置



尺寸 (單位: 毫米)



訂購資訊

EIP-2217 CR	8 通道差動或 16 通道單端類比輸入 EtherNet/IP 模組 (RoHS)
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