

多功能單相交流集合式電力電錶 (MULTI-FUNCTION POWER METER)(1 ϕ 2W)

MODEL
MMP-1



■特點(FEATURES)

- 精確度0.1%滿刻度(Accuracy 0.1% F.S.)
- 可同時量測與顯示交流電壓/電流/(仟)瓦特/功率因素/頻率/(仟)瓦特小時 (Measuring and display ACV/ACA/W(KW)/Power Factor/Frequency/WH(KWH))
- 交流電壓,電流,瓦特皆為真正有效值(TRMS)(ACA/ACV/Watt for True RMS)
- 突波測試強度4仟伏特(1.2x50us)(surage test 4KV(1.2x50us))
- 4組警報控制功能(Four alarm control function)(optional)
- 數位RS-485界面(Digit RS-485 interface function)(optional)
- 16BIT 類比輸出功能(16 bit DAC analog output function)(optional)

1.MODEL:MMP-1

(選購型號)

NO	Input Voltage	NO	Input Current	NO	Alarm Output	NO	Analog Output	NO	RS-485 Output	NO	Aux. Power
1	AC0~99.99V	1	AC0~2A/10A	N	None	N	None	N	None	A	AC/DC18~60V
2	AC0~300.0V	2	AC0~5A	Y	Four	I	DC4~20mA	Y	RS-485	B	AC/DC90~260V
3	AC0~600.0V	9	SPECIFIED	•Relay contact (AC250V-5A,DC30V-7A)		V	DC0~10V	•Modbus mode •256 nodes on bus		• Less 3VA for AC/DC input	
9	SPECIFIED					R	SPECIFIED				

2.SPECIFICATION (主要規格)

- Measuring accuracy : 0.1% F.S.(W(WH)/KW(KWH)/Frequency) (精確度) $(23\pm 5^{\circ}\text{C})$ 0.2% F.S.(V/A/P.F.)
- Input burden : <0.15VA (Voltage/Current) (輸入負載)
- Maximum input over : Current related input: 3 x rated continuous (最大過載能力) 10 x rated 30 sec. 25 x rated 3 sec. 50 x rated 1 sec. Voltage related input: 750V
- Readout range : 0~9999 digit (ACA/ACV/Frequency) (顯示值範圍) -1999~9999 digit (W/KW/P.F.) 0~99999999.9 digit (WH/KWH)
- Sampling time : 1 cycles/second (取樣時間)
- Measurement range : AC Voltage (0.2%~100%/AC Current (0.2%~100%) (輸入範圍) Frequency(45~65Hz)(Input 0.2%~100% for AC Voltage)
- Analog output resolution: 16 bit DAC(isolating) (類比輸出解析度)
- Output drive capability : < 10mA for voltage mode (輸出負載能力) < 10V for current mode
- Relay contact output : AC 250V-5A, DC 30V-7A (繼電器容量)
- Alarm delay time : 0~999 second adjustable (繼電器延遲動作時間)
- RS-485 address : "01"~"FF"(0~255) (通訊位址)
- RS-485 baud rate : 38400/19200/9600/4800/2400 selective (傳輸速度)
- RS-485 protocol : Modbus RTU mode (通信協議)
- Temp. coefficient : 50ppm/ $^{\circ}\text{C}$ (0~60 $^{\circ}\text{C}$) (溫度係數)
- Display : Bight Red LEDs high 10.16mm(0.4") (顯示幕)
- Parameter setting : Touch switches (參數設定方式)
- Memory mode : Non-volatile E² PROM memory (記憶型式)
- Dielectric strength : 2KVac/1 min. (input/output/power) (絕緣耐壓能力)
- Surge test : ANSI c37.90a/1974,DIN-IEC 255-4 (突波測試) impulse voltage 4KV(1.2x50us)
- Operating condition : 0~50 $^{\circ}\text{C}$ (20 to 90% RH non-condensed) (使用環境條件)
- Storage condition : 0~70 $^{\circ}\text{C}$ (20 to 90% RH non-condensed) (存放環境條件)
- CE EMC Certification : EN 55022:1998/A1:2000 Class A (CE認證) EN 61000-3-2:2000 EN 61000-3-3:1995/A1:2001 EN 55024:1998/A1:2001

3.OUTSIDE DIMENSION AND CONNECTION DIAGRAM

(外型尺寸與開孔尺寸與配線圖)

