

多功能集合式電力電錶 (MULTI-FUNCTION POWER METER)

MODEL
MMP-3



■特點(FEATURES)

- 精度 $\pm 0.15\%$ 滿刻度 (Accuracy $\pm 0.15\%$ F.S.)
- 可同時量測交流相電壓, 線電壓, 電流, 實功率, 虛功率, 功率因素, 頻率, 仟瓦小時 (Measuring ACV/ACA/Watt/Var/Power factor/Frequency/KWH)
- 輸入配線系統可任意選擇 (Input measurement network can be selective (1 ϕ 2W/1 ϕ 3W/3 ϕ 3W/3 ϕ 4W))
- CT比與PT比可任意設定 (1至9999) (CT rate/PT rate can be modified (1 to 9999))
- 手動與自動顯示模式可任意規劃 (Manual or auto scanning mode can be modified)
- 3組警報控制功能 (Three alarm control function) (optional)
- 數位RS-485界面 (Digit RS-485 interface function) (Optional)

1.MODEL:MMP-3-☐ ☐ ☐ (選購型號)

NO	Alarm Output	NO	Alarm Output	NO	RS-485	NO	Aux. Power
N	None	S	Relay(Two)+ Pulse(One)	N	None	A	AC/DC18-60V
R	Relay(Three)			Y	RS-485	B	AC/DC90-260V
P	Pulse(Three)		·When AL3.S=KWH		·Modbus mode		·Less 4VA for AC/DC input

2.SPECIFICATION (主要規格)

- Measuring accuracy : $\pm 0.15\%$ F.S. (V, A, W, Var, P.F./KWH)
(精度) (23 ± 5) $\pm 0.05\%$ F.S. (Frequency)
- 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
- Over input indication : "doFL"
(過載顯示)
- Sampling time : 1 cycles/second (total)
(取樣時間)
- Measurement range : AC voltage (60~600V)
(輸入範圍) AC current (0.05~5A)
AC frequency (45.00~65.00Hz)
- Scanning mode : Auto or manual can be selective
(掃描模式) (Auto: chang page/5 second)
- CT/PT rate : 1~9999 adjustable
(CT/PT 比值)
- Alarm delay time : 0~999 second adjustable
(繼電器延遲動作時間)
- Pulse output type : Standard open-collector
(脈波輸出形式) (Max.DC60V/120mA)
- Relay contact output : AC 250V-5A, DC 30V-7A
(繼電器容量)
- Pulse output/KWH : 0.001/0.01/0.1/1/10/100/1000 selective
(脈波輸出數量KWH)
- 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/ (0-60)
(溫度係數)
- Display : Red high efficiency LEDs high 7.0mm (0.28")
(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 (20 to 90% RH non-condensed)
(使用環境條件)
- Storage condition : 0-70 (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)

