

多功能集合式電力電錶(48x96mm) (MULTI-FUNCTION POWER METER ,48x96mm)

**MODEL
MMP-3**



■特點(FEATURES)

- 精確度 $\pm 0.25\%$ 滿刻度(Accuracy $\pm 0.25\%$ 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)
- 交流電壓,電流,實功率,虛功率皆為真正有效值(ACV/ACA/Watt/Var for ture RMS)
- 輸入配線系統可任意選擇(Input measurement network can be selectives(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-

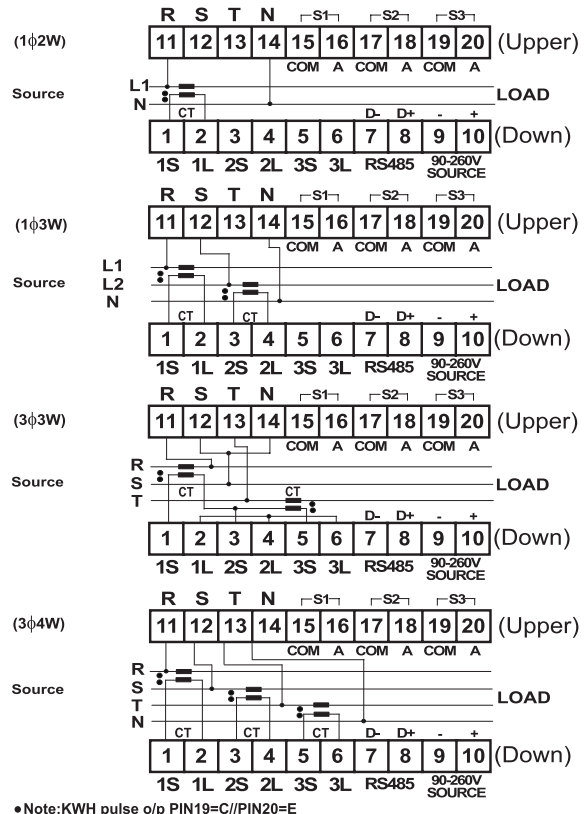
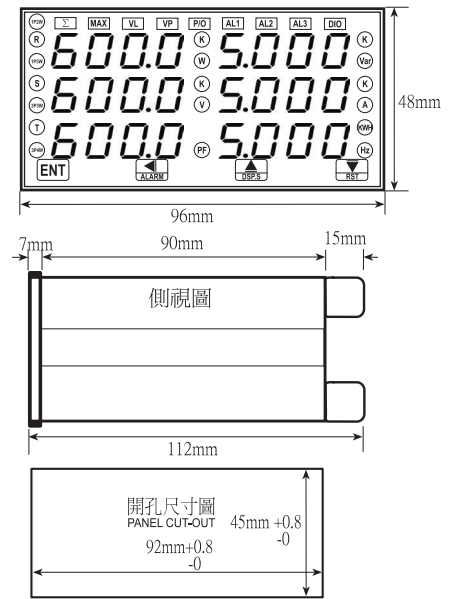
(選購型號)

NO	Alarm Output	NO	Alarm+Pulse O/P	NO	RS-485	NO	Aux. Power
N	None	S	Two-Relay+ •One-Pulse	N	None	A	AC/DC18~60V
R	Three-Relay			Y	RS-485	B	AC/DC90~260V
P	Three-Pulse		•When S3=KWH O/P		•Modbus mode		•Less 4VA for AC/DC input

2.SPECIFICATION (主要規格)

- Measuring accuracy (精確度) : $\pm 0.25\%$ F.S.(V,A,W,Var,PF,KWH) (精確度) (23 \pm 5 $^{\circ}$ C) $\pm 0.05\%$ F.S.(Frequency)
- Input burden (輸入負載) : $< 0.2VA$ (Voltage/ Current)
- Maximum input over (最大過載能力) : Current related input: 3 x rated continuous
10 x rated 30 sec. 25 x rated 3 sec. 50 x rated 1 sec.
Voltage related input: 750V
- Over input indication (過載顯示) : "doFL"
- Sampling time (取樣時間) : 1 cycles/second(total)
- Measurement range (輸入範圍) : AC voltage (60~600V)
AC current (0.05~5A)
AC frequency (45.00~65.00Hz)
- Scanning mode (掃瞄模式) : Auto or manual can be selective (Auto:chang page/5 second)
- CT/PT rate (CT/PT 比值) : 1~9999 adjustable
- Alarm delay time (繼電器延遲動作時間) : 0~ ± 999 second adjustable
- Pulse output type (脈波輸出形式) : Standard open-collector(Max.DC60V/120mA)
- Relay contact output (繼電器容量) : AC 250V-5A, DC 30V-7A
- Pulse output/KWH (脈波輸出數量KWH) : 0.001/0.01/0.1/1/10/100/1000 selective
- RS-485 adress (通訊位址) : "01"~"FF"(0~255)
- RS-485 baud rate (傳輸速度) : 38400/19200/9600/4800/2400 selective
- RS-485 protocol (通信協議) : Modbus RTU mode
- Temp. coefficient (溫度係數) : 50ppm/ $^{\circ}$ C (0~60 $^{\circ}$ C)
- Display (顯示幕) : Red high efficiency LEDs high 7.0mm(0.28")
- Parameter setting (參數設定方式) : Touch switches
- Memory mode (記憶型式) : Non-volatile E² PROM memory
- Dielectric strength (絕緣耐壓能力) : 2KVac/1 min. (input/output/power)
- Surge test (突波測試) : ANSI c37.90a/1974,DIN-IEC 255-4
impulse voltage 4KV(1.2x50us)
- Operating condition (使用環境條件) : 0~50 $^{\circ}$ C (20 to 90% RH non-condensed)
- Storage condition (存放環境條件) : 0~70 $^{\circ}$ C (20 to 90% RH non-condensed)
- CE EMC Certification (CE認證) : EN 55022:1998/A1:2000 Class A
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)



•Note:KWH pulse o/p PIN19=C/PIN20=E