

# 多功能集合式電力電錶(96x96mm) (MULTI-FUNCTION POWER METER, 96x96mm)

MODEL  
MMP-2H



## ■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相電壓,線電壓,電流,實功率,虛功率,視在功率,功率因素,頻率,仟瓦小時,需量(Measuring and display ACV/ACA/Watt/Var/VA/Power Factor/Frequency/KWH/DM(Demand))
- 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))
- 可同時量測與顯示交流電壓,電流之諧波失真率(THD)至35次諧波(Measuring ACV/ACA total harmonic distortion(THD), up to 35<sup>th</sup> harmonic(optional))
- 2組警報控制功能(Two alarm control function)(optional)
- 2組脈波輸出功能(Two pulse output function)(optional)
- 數位RS-485界面(Digit RS-485 interface function)(optional)

## 1. MODEL: MMP-2H-□□□□

(選購型號)

NO	Alarm Output	NO	Pulse Output	NO	RS-485	NO	Harmonic	NO	Aux. Power
N	None	N	None	N	None	N	None	A	AC/DC18~60V
R	Two-Relay	Y	Two-Pulse	Y	RS-485	Y	Harmonic	B	AC/DC90~260V
P	Two-Pulse		•Open-collector		•Modbus mode		•THD up to 35 <sup>th</sup>		•Less 4VA for AC/DC input

## 2. SPECIFICATION (主要規格)

- Measuring accuracy (精確度)(23±5°C) :0.1% F.S.(V,A,W,Var,VA,P.F.,KWH)  
0.5% F.S.(THD to 21<sup>th</sup>)(V,A)  
1% F.S.(THD to 35<sup>th</sup>)(V,A)  
0.05% F.S.(Frequency)
- Input burden (輸入負載) :<0.15VA (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
- Sampling time (取樣時間) :1 cycles/second(total)
- Measurement range (輸入範圍) :AC voltage(6~520V line to line)  
AC voltage(3~300V line to neutral)  
AC current(0.01~5A)  
AC frequency(45.00~65.00Hz)
- Readout/compare range (顯示與比較值範圍) :-9999~+9999 digit (V,A,W,Var,VA,HZ,PF)  
0~999999999+FWD/REV (KWH/KQH)
- CT/PT rate (CT/PT 比值) :1~9999 adjustable(CT rate)  
0.001~9.999 to 1~9999 adjustable(PT rate)
- Alarm delay time (繼電器延遲動作時間) :0~±999 second adjustable
- Pulse output type (脈波輸出型式) :Photo couple of open-collector  
(Max. DC60V/120mA)
- Relay contact output (繼電器容量) :AC250V-5A,DC30V-7A
- KW(Q)H pulse output (KW(Q)H 脈波輸出) :0.001/0.01/0.1/1/10/100/1000 selective  
(±KWH or ±KQH or +KWH/+KQH)
- RS-485 address (通訊位址) :"00"~"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/°C (0~60°C)
- Display (顯示幕) :Red high efficiency LEDs high 14.22mm(0.56")  
Red high efficiency LEDs high 10.16mm(0.4")(KWH)
- Parameter setting (參數設定方式) :Touch switches
- Memory mode (記憶型式) :Non-volatile E<sup>2</sup>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°C (20 to 90% RH non-condensed)
- Storage condition (存放環境條件) :0~70°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  
EN55024:1998/A1:2001

## 3. OUTSIDE DIMENSION AND CONNECTION DIAGRAM (外型尺寸與開孔尺寸與配線圖)

