

## 特點

- 精確度±0.1%滿刻度
- 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
- 輸入配線系統可任意選擇1P2W/1P3W/3P3W/3P4W
- CT比與PT比可任意設定
- 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
- 2組警報控制功能
- 2組脈波輸出功能
- 數位RS-485界面



## 1. 選購型號: MA-SMP-2H-□□□□

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. 主要規格

- Measuring accuracy : 0.1% F.S.(V,A,W,Var,VA,P.F.,KWH)  
(精確度)(23±5°C) 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 1sec  
Voltage related input:750V
- Sampling time (取樣時間) : <0.15VA(Voltage/Current)
- 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)

## 3. 外型/開孔尺寸與配線圖

