微電腦型交流電力控制電錶
(MICROPROCESS AC POWER CONTROLLER METER)

MODEL MMP

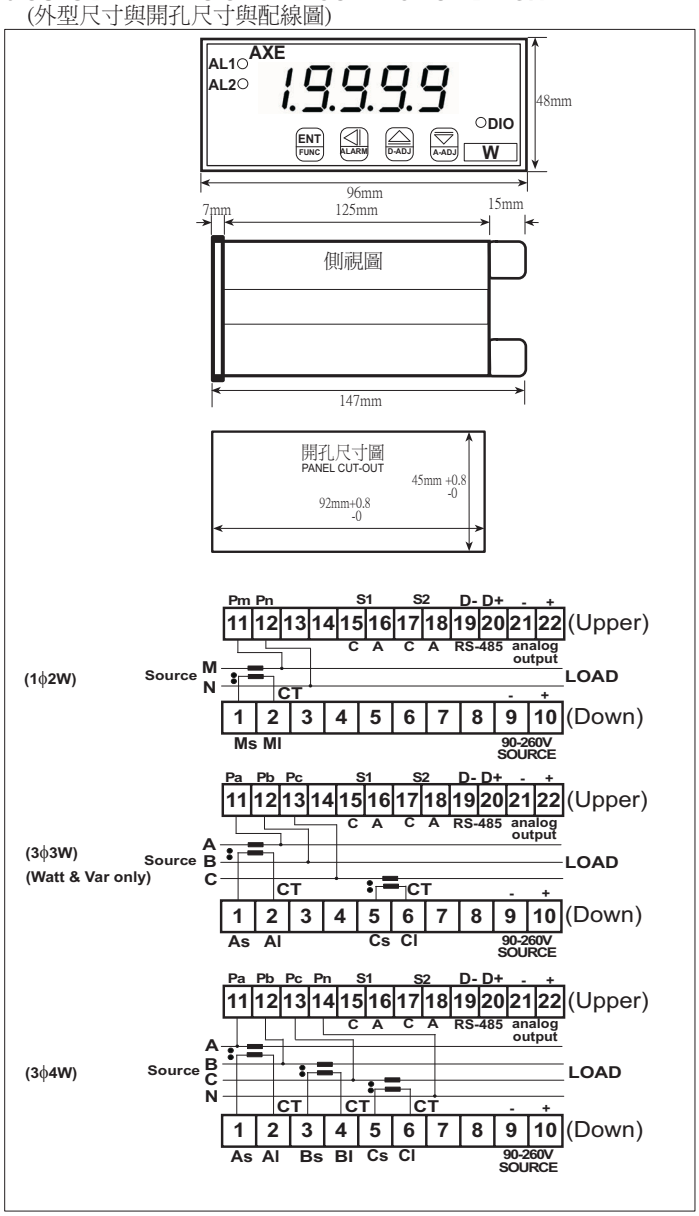
■特點(FEATURES)

- •精確度0.25%滿刻度±1位數(Accuracy 0.25% F.S.±1 digit)
- •可量測交流瓦特/乏爾/功率因數/相角(Measuring watt/var/power factor/phase angel)
- •顯示範圍0~±19999可任意規劃(Programmable rate 0 to±19999 digit)
- •輸入與輸出絕緣耐壓 2仟伏特/1分鐘(Dielectric strength 2KVac/1 min.(input/output/power))
- •突波測試強度4仟伏特(1.2x50us)(surage test 4KV(1.2x50us))
- •2組警報功能(Dual alarm function)(Optional)
- •15BIT 類比輸出功能(15 bit DAC analog output function)(Optional)
- •數位RS-485界面(Digit RS-485 interface function)(Optional)

1.MODEL:MMP- □ □ - □ □ □ - □ □ □ □
(選購型號)

NO	Input Type	NO	Input unit	NO	Input Voltage	NO	Input Current	NO	Input Frequance	NO	Alarm	NO	Analog	NO	RS-485	NO	Aux. Power
W	Watt	1	1ϕ2W	1	0~120V	1	0~1A	A	50Hz	0	None	N	None	N	None	A	AC/DC18~60V
V	Var	3	3ϕ3W	2	0~240V	2	0~5A	B	60Hz	1	One	I	DC4~20mA	Y	RS-485	B	AC/DC90~260V
F	Power Factor	4	3ϕ4W	3	0~400V	9	SPECIFIED	C	400Hz	2	Two	V	DC0~10V	•Modbus mode		•Less 4VA for AC/DC input	
A	Phase Angel	9	SPECIFIED	•Voltage±30%				•Frequency±10%				R	SPECIFIED				

2.SPECIFICATION (主要規格)

- • Measuring accuracy (精 確 度) (23±5℃) : 0.25% F.S.(Watt,Var,phase angle) 0.25% F.S.±0.25°(Power Factor)
- • Input burden (輸入負載) : <0.2VA (Voltage) <0.2VA (Current)
- • Maximum input over (最大過載能力) : Current related input: 3 x rated continuous Voltage related input: maximum 2 x rated continuous
- • Over input indication (過載顯示) : "doFL" or "–doFL"
- • Readou range (顯示值範圍) : 0~±19999 digit adjustable(MMP-W/V/A) –0.300~–1.000~+1.000~+0.300cosθ(MMP-F)
- • Alarm action (繼電器動作方向) : HI or Lo adjustable
- • Relay contact output (繼電器容量) : AC 250V-5A, DC 30V-7A
- • Analog output resolution (類比輸出解析度) : 15 bit DAC
- • Response time (輸出反應速度) : < 250ms(0~90%)
- • Output drive capability (輸出負載能力) : < 10mA for voltage mode < 10V for current mode
- • Output ripple (p-p) (輸出之漣波) : < 0.1% F.S.
- • RS-485 address (通訊位址) : "01"~"FF"(0~255)
- • RS-485 baud rate (傳輸速度) : 19200/9600/4800/2400 selective
- • RS-485 protocol (通信協議) : Modbus RTU mode
- • Temp. coefficient (溫度係數) : 100ppm/℃ (0~50℃)
- • Display (顯示幕) : Red high efficiency LEDs high 14.22mm(0.56")
- • Parameter setting (參數設定方式) : Touch switches
- • Memory mode (記憶型式) : Non-volatile E^2 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℃(20 to 90% RH non-condensed)
- • Storage condition (存放環境條件) : 0~70℃(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)