

微電腦型單相交流集合式電錶(單相二線系統)

(MICROPROCESS AC MULTI-POWER METER)(1Φ2W)

MODEL
MMX-P1



■特點(FEATURES)

- 精確度0.25%滿刻度±1位數(Accuracy 0.25% F.S.±1 digit)(ACA/ACV/WATT/VA)
- 可同時量測與顯示交流電壓,電流,頻率,瓦特,(功率因數/視在功率)
(Measuring ACA/ACV/Frequency/WATT(power factor or Apparent power))
- 交流電壓,電流,瓦特皆為真正有效值(TRMS)(ACA/ACV/WATT for True RMS)
- 交流電流,瓦特之小數點可任意設定(ACA/WATT decimal point can be modified)
- 瓦特單位W或KW可任意設定(W or KW scale can be modified)
- CT比可任意設定(1至999)(CT rate can be modified(1 to 999))
- 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))
- 數位RS-485界面(Digit RS-485 interface function)(Optional)

1:MODEL:MMX-P1-□ □ □ □ 選購型號

NO	Input Voltage	NO	Input Current	NO	RS-485	NO	Aux.Power
1	AC0~300.0V	2	AC0~5A	N	None	A	AC/DC18~60V
2	AC0~600.0V	3	AC0~50A	Y	RS-485	B	AC/DC90~260V
9	SPECIFIED	9	SPECIFIED		•Modbus mode		•Less 5VA for AC/DC input

2.SPECIFICATION(主要規格)

- Measuring accuracy (精確度) (23±5°C) : 0.1% F.S.±1 digit (Frequency)
0.25% F.S.±1 digit(ACA,ACV,Watt,VA)
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
10 x rated 30 sec. 25 x rated 3sec.
50 x rated 1sec.
Voltage related input: maximum 2 x rated continuous
- Over input indication (過載顯示) : "doFL"
- Readout range (顯示值範圍) : 0~600.0V(Voltage)
0~999.9Hz(Frequency)(<20% for voltage input)
0~19999 digit adjustable(Current,Watt,VA)
-0.300~-1.000~+1.000~+0.300cosθ(PF)
- Sampling time (取樣時間) : 2 cycles/sec.
- 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/°C (0~50°C)
- Display (顯示幕) : Red high efficiency LEDs high 10.16 mm(0.4")
- Parameter setting (參數設定方式) : Touch switches
- Memory mode (記憶型式) : Non-volatile E² PROM memory
- Insulation Resistance (絕緣阻抗) : >100Mohm with 500V DC
- Dielectric strength (絕緣耐壓能力) : 2KVac/1 min. (input/output/power)
1600 Vdc (input/output)
- 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
EN 55024:1998/A1:2001

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

