

# 集合式直流電能錶(Low Power) (DC MULTI-POWER METER)(Low Power)

MODEL  
MMX-D



## ■特點(FEATURES)

- 精確度0.05%滿刻度±1位數(Accuracy 0.05% F.S.±1 digit)
- 可同時量測與顯示/直流電壓/電流/瓦特(仟瓦)/瓦特小時(仟瓦小時)  
(Measuring and display DCV/DCA/W(KW)/WH(KWH))
- 電壓輸入(DC0~99.99V/0~600.0V)自動變檔功能  
(Auto range (DC0~99.99V/0~600.0V) for voltage input function)
- 顯示範圍0~9999(電流/瓦特/仟瓦),0至9999999.999(8位數瓦特小時)可任意規劃  
(Programmable rate 0 to 9999 digit (DCA/W(KW)),0 to 99999999 digit (WH(KWH))
- 數位RS-485界面(Digit RS-485 interface function)(optional)

## 1.MODEL:MMX-D

(選購型號)

NO	Input DCA	NO	RS-485	NO	Aux. Power
1	0~50mV(SHUNT)	N	None	A	DC8~60V
2	0~2.000A	Y	RS-485(Non-Isolating)	B	AC90~240V(50/60Hz)
3	0~10.00A	I	RS-485(Isolating)		• Less 0.5VA for DC8~60V • Less 1.5VA for AC90~240V
9	SPECIFIED		*Y (32 nodes on bus)*I (256 nodes on bus)		

## 2.SPECIFICATION (主要規格)

- Aux. power consumption : <0.35VA(DC12V/DC24V)  
(輔助電源消耗功率) <0.5VA(DC48V)  
<1.5VA(AC90~240V(50/60Hz))
- Measuring accuracy (精確度) : 0.05% F.S.±1 digit (23±5°C)
- Measurement range (輸入範圍) : Auto range (DC0~99.99V/0~600.0V(DC voltage))
- Input impedance (輸入阻抗) : >5MΩ (DC voltage)
- Sampling time (取樣時間) : 10 cycles/second(total)
- Readout range (顯示值範圍) : 0~9999 digit (DCA/W(KW))  
0~9999999.999 digit (WH(KWH))
- Over input indication (過載顯示) : " doFL "
- 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) : 50ppm/°C (0~50°C)
- Display (顯示幕) : Bight Red LEDs high 10.16mm(0.4")
- 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)(RS-485(Isolating))  
1600Vdc (input/output)(RS-485(Isolating))
- 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)

