



■ FEATURES

- Accuracy 0.05% F.S.±1digit
- Measuring and display DCV/DCA/W(KW)/WH(KWH)
- Auto range (DC0~99.99V/0~600.0V) for voltage input function
- Programmable rate 0 to 9999 digit (DCA/W(KW)),0 to 99999999 digit (WH(KWH))
- Digit RS-485 interface function (optional)
- Dimension small and High stability

1.MODEL:MMX-D

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

- Aux.power consumption : <0.35VA(DC12V/DC24V)
<0.5VA(DC48V)
<1.5VA(AC90~240V(50/60Hz))
- Measuring accuracy : 0.05% F.S.±1 digit (23±5°C)
- Measurement range : Auto range (DC0~99.99V/0~600.0V(DC voltage))
- Input impedance : >5M ohm (DC voltage)
- Sampling time : 10 cycles/second(total)
- Readout range : 0~9999 digit (DCA/W(KW))
0~9999999.999 digit (WH(KWH))
- Over input indication : " doFL "
- RS-485 address : "01"~"FF"(0~255)
- RS-485 baud rate : 19200/9600/4800/2400 selective
- RS-485 protocol : Modbus RTU mode
- Temp. coefficient : 50ppm/°C (0~50°C)
- Display : Bight Red LEDs high 10.16mm(0.4")
- Parameter setting : Touch switches
- Memory mode : Non-volatile E² PROM memory
- Dielectric strength : 2KVac/1 min. (input/output)(RS-485(Isolating))
1600Vdc (input/output)(RS-485(Isolating))
- Operating condition : 0~50°C (20 to 90% RH non-condensed)
- Storage condition : 0~70°C (20 to 90% RH non-condensed)
- CE EMC Certification : 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

