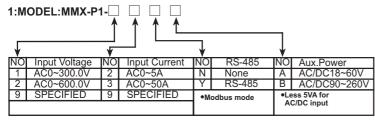
MICROPROCESS AC MULTI-POWER METER (1\(\phi 2W \)





■ FEATURES

- Accuracy 0.25% F.S.±1 digit (ACA/ACV/WATT/VA)
- Measuring ACA/ACV/Frequency/WATT(power factor or Apparent power)
- •ACA/ACV/WATT for True RMS
- ACA/WATT decimal point can be modified
- W or KW scale can be modified
- CT rate can be modified(1 to 999)
- Dielectric strength 2KVac/1 min.(input/output/power)
- Surage test 4KV(1.2x50us)
- Digit RS-485 interface function)(Optional)



2.SPECIFICATION

• Measuring accuracy : 0.1% F.S.±1 digit (Frequency)

(23±5°C) 0

0.25% F.S.±1 digit(ACA,ACV,Watt,VA)

0.25% F.S.±0.25₀(Power Factor)

• Input burden : <0.2VA (Voltage)

<0.2VA (Current)

• Maximum input over : 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 : "doFL'

• Readou range : 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 : 2 cycles/sec.

• RS-485 address : "01"~"FF"(0~255)

• RS-485 baud rate : 19200/9600/4800/2400 selective

• RS-485 protocol : Modbus RTU mode • Temp. coefficient : 100ppm/°C (0~50°C)

• Display : Red high efficiency LEDs high 10.16 mm(0.4")

• Parameter setting : Touch switches

• Memory mode : Non-volatile E² PROM memory

• Insulation Resistance :>100Mohm with 500V DC

• Dielectric strength : 2KVac/1 min. (input/output/power)

1600 Vdc (input/output)

• Surge test : ANSI c37.90a/1974,DIN-IEC 255-4

impulse voltage 4KV(1.2x50us)

• 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

