

MULTI-FUNCTION POWER METER ,96x96mm

**MODEL
MMP-2**



■ FEATURES

- Accuracy $\pm 0.25\%$ F.S.
- Measuring and display ACV/ACA/Watt/Var/Power factor/Frequency/KWH/DM(Demand)
- ACV/ACA/Watt/Var for true RMS
- Input measurement network can be selective(1 ϕ 2W/1 ϕ 3W/3 ϕ 3W/3 ϕ 4W)
- CT rate/PT rate can be modified(1 to 9999)
- Two alarm control function (optional)
- Two pulse output function (optional)
- Digit RS-485 interface function (Optional)

1.MODEL:MMP-2-

NO	Alarm Output	NO	Pulse Output	NO	RS-485	NO	Aux. Power
N	None	N	None	N	None	A	AC/DC18~60V
R	Two-Relay	Y	Two-Pulse	Y	RS-485	B	AC/DC90~260V
P	Two-Pulse		•Pulse is open-collector		•Modbus mode		•Less 4VA for AC/DC input

2.SPECIFICATION

- Measuring accuracy : $\pm 0.25\%$ F.S.(V,A,W,Var,PF,KWH)
(23 $\pm 5^\circ\text{C}$) $\pm 0.05\%$ F.S.(Frequency)
- Input burden : <0.15VA (Voltage/ Current)
- Maximum input over : Current related input: 3 x rated continuous
10 x rated 30 sec. 25 x rated 3 sec. 50 x rated 1 sec.
Voltage related input:750V
- Over input indication : "doFL"
- Sampling time : 1 cycles/second(total)
- Measurement range : AC voltage (60~600V)
AC current (0.05~5A)
AC frequency(45.00~65.00Hz)
- Scanning mode : Auto or manual can be selective
(Auto:chang page/10 second)
- Readout/compare range : -9999~+9999 digit (V,A,W,Var,HZ,PF)
0~999999999+FWD/REV (KWH/KQH)
- CT/PT rate : 1~9999 adjustable
- Alarm delay time : 0~ ± 999 second adjustable
- Pulse output type : Standard open-collector(Max.DC60V/120mA)
- Relay contact output : AC 250V-5A, DC 30V-7A
- Pulse output/KWH : 0.001/0.01/0.1/1/10/100/1000 selective
- RS-485 adress : "00"~"FF"(0~255)
- RS-485 baud rate : 38400/19200/9600/4800/2400 selective
- RS-485 protocol : Modbus RTU mode
- Temp. coefficient : 50ppm/ $^\circ\text{C}$ (0~60 $^\circ\text{C}$)
- Display : Red high efficiency LEDs high 14.22mm(0.56")
Red high efficiency LEDs high 10.16mm(0.4")(KWH)
- Parameter setting : Touch switches
- Memory mode : Non-volatile E² PROM memory
- Dielectric strength : 2KVac/1 min. (input/output/power)
- Surge test : ANSI c37.90a/1974,DIN-IEC 255-4
impulse voltage 4KV(1.2x50us)
- Operating condition : 0~50 $^\circ\text{C}$ (20 to 90% RH non-condensed)
- Storage condition : 0~70 $^\circ\text{C}$ (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

