

MULTI-FUNCTION POWER METER,96x96mm

MODEL
MMP-2H



FEATURES

- Accuracy $\pm 0.1\%$ F.S.
- Measuring and display ACV/ACA/Watt/Var/VA/Power Factor/Frequency/KWH/DM(Demand)
- Input measurement network can be selectives(1 ϕ 2W/1 ϕ 3W/3 ϕ 3W/3 ϕ 4W)
- CT rate/Pt rate can be modified(1 to 9999)
- Measuring ACV/ACA total harmonic distortion(THD),up to 35th harmonic(optional)
- Two alarm control function (optional)
- Two pulse output function (optional)
- Digit RS-485 interface function (optional)

1.MODEL:MMP-2H-

NO	Alarm Output	NO	Pulse Output	NO	RS-485	NO	Harmonic	NO	Aux.Power
N	None	N	None	N	None	N	None	A	AC/DC18~60V
R	Two-Relay	Y	Two-Pulse	Y	RS-485	Y	Harmonic	B	AC/DC90~260V
P	Two-Pulse		•Open-collector		•Modbus mode		•THD up to 35 th		•Less 4VA for AC/DC input

2.SPECIFICATION

- Measuring accuracy :0.1% F.S.(V,A,W,Var,VA,P.F.,KWH)
(23 $\pm$ 5 $^{\circ}$ C)
0.5% F.S.(THD to 21th)(V,A)
1% F.S.(THD to 35th)(V,A)
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 1sec
Voltage related input:750V
- Sampling time :1 cycles/second(total)
- Measurement range :AC voltage(6~520V line to line)
AC voltage(3~300V line to neutral)
AC current(0.01~5A)
AC frequency(45.00~65.00Hz)
- Readout/compare range :~9999~+9999 digit (V,A,W,Var,VA,HZ,PF)
0~999999999+FWD/REV (KWH/KQH)
- CT/PT rate :1~9999 adjustable(CT rate)
0.001~9.999 to 1~9999 adjustable(PT rate)
- Alarm delay time :0~ $\pm$ 999 second adjustable
- Pulse output type :Photo couple of open-collector
(Max. DC60V/120mA)
- Relay contact output :AC250V-5A,DC30V-7A
- KW(Q)H pulse output :0.001/0.01/0.1/1/10/100/1000 selective
($\pm$ KWH or $\pm$ KQH or +KWH/+KQH)
- RS-485 address :"00"~"FF"(0~255)
- RS-485 baud rate :38400/19200/9600/4800/2400 selective
- RS-485 protocol :Modbus RTU mode
- Temp. coefficient :50ppm/ $^{\circ}$ C (0~60 $^{\circ}$ 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 E²PROM 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 $^{\circ}$ C (20 to 90% RH non-condensed)
- Storage condition :0~70 $^{\circ}$ 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
EN55024:1998/A1:2001

3.OUTSIDE DIMENSION AND CONNECTION DIAGRAM

