

# 3 PHASE AC VOLTAGE/CURRENT METER, 48x96mm

**MODEL  
MMP-3VI**



## ■ FEATURES

- Accuracy 0.15% F.S.
- Measuring ACV-line/ACV-phase/A
- ACV/ACA for true RMS
- CT rate/PT rate can be modified(1 to 9999)
- Manual or auto scanning mode can be modified
- Surge test 4KV(1.2x50us)
- Three alarm control function (optional)
- Digit RS-485 interface function (Optional)

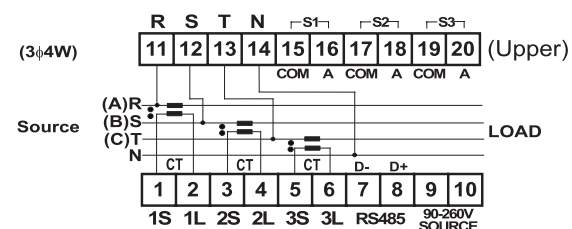
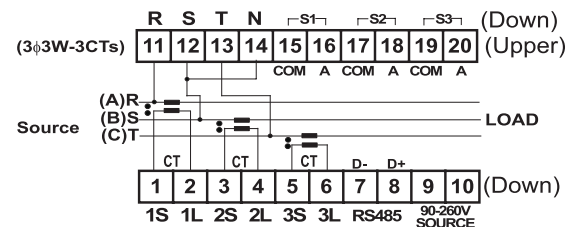
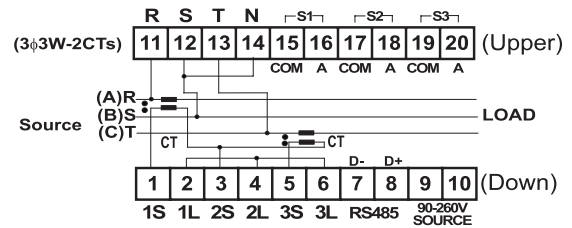
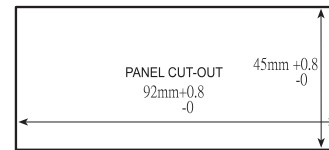
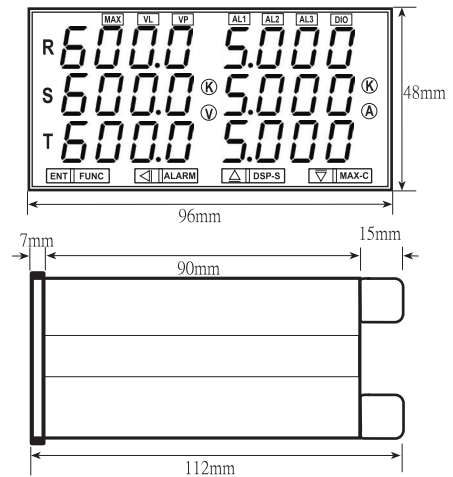
## 1.MODEL:MMP-3VI-□ □ □

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

## 2.SPECIFICATION

- Measuring accuracy : 0.15% F.S.(23±5°C)
- Input burden : <0.15VA (Voltage/ Current)
- Maximum input over : Voltage related input: maximum AC 750V  
Current related input: 3 x rated continuous  
10 x rated 30 sec. 25 x rated 3 sec. 50 x rated 1 sec.
- Over input indication : "doFL"
- Measurement range : AC voltage(60~600V)(45~65Hz)  
AC current(0.05~5A)(45~65Hz)
- Sampling time : 1 cycles/second(total)
- Scanning mode : Auto or manual can be selective  
(Auto:chang page/10 second)
- 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
- RS-485 adress : "01"~"FF"(0~255)
- RS-485 baud rate : 19200/9600/4800/2400 selective
- RS-485 protocol : Modbus RTU mode
- Temp. coefficient : 50ppm/°C (0~60°C)
- Display : Red high efficiency LEDs high 7.0mm(0.28")
- Parameter setting : Touch switches
- Memory mode : Non-volatile E<sup>2</sup> 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°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



NOTE: If not voltage input short pin9 to pin11 and pin10 to pin14,