



MPS - 12W 1 φ 2W Watt Meter Relay

Specifications

- Display :** Red LED 0.4" high
Green LED 0.3" high
- Max. Display :** 4 Digits
- Over range Indication :** " o.L "
- Conversion Rate :** 1/sec.
- Isolation :** Input/Output/Power
- Memory :** EEPROM
- Accuracy :** ±0.25% FS. ±2 digit (23±5°C)
- Operating Temp. :** 0~60°C/ Below 80%R.H.
- Storage Temp. :** -10~70°C/ Below 70% R.H.
- Power Supply :** AC 115/230V±10%, 50/60Hz
Option : DC 12, 24, 48, 120V±20%
- Power Consumption :** Approx. 4VA
- Weight :** Approx. 550g
- Dielectric Strength :** AC 2000V/1min (Input/Power)
- Insulation Resistance :** More than 100MΩ at 500VDC
- Dimensions :** 96(W) x 48(H) x 144(D)mm
- Panel Cut-Out :** 91.5(W) x 44(H)mm

Input

- Min.Input :** Voltage 5% of range
Current 1% of range
- Voltage :** AC 8~150V
AC 15~300V
AC 30~600V
- Current :** AC 0.01~1A , AC 0.05~5A , AC 0.1~10A
- Burden :** Voltage ≤ 0.1VA
Current ≤ 0.2VA
- Watt :** Corresponding to V x A
- Power Factor :** 0.001 to 1.000
- Frequency :** 40~100Hz

Control Output

- Output : Relay x 2
- Relay Contact Capacity : AC 250V , 1A
DC 30V , 2A

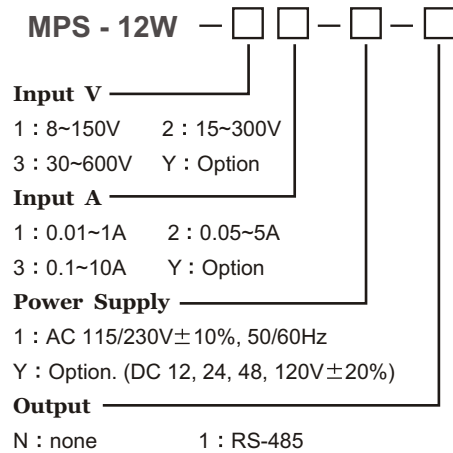
Comparative Condition :

- Indication > HI set point → HI LED on .
- LO set point > Indication → LO LED on .

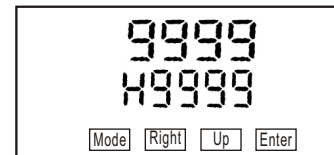
Features

- True RMS V/A
- CT and PT rate free setting(1~99.99)
- Input / Output / Power is isolated
- RS-485 interface (Option)
- DIN case 96 x 48mm

Order Code



RS-485 Interface (option)



- Address : 1 ~ FF
- Baudrate : 19200, 9600, 4800, 2400, 1200
- Frame : N.8.2, E.8.1, O.8.1, N.8.1
- Protocol : Modbus RTU Mode

Connection Diagram

