PROGRAMMABLE DIGITAL PANEL METER

8 DIGIT 99999999 COUNTS
WATTHOUR DIGITAL PANEL METER
Model - MMWH



✷ FEATURES :

- Suitable for 1ϕ 2W / 1ϕ 3W / 3ϕ 3W / 3ϕ 4W system
- 8 Digit Display : ± 99999999 Count
- RS-485 Modbus RTU output
- Dual pulse output (Secondary value)
- Bi-direction measurement & display.

ORDERING :

MMWH — Code1 — Code2 — Code3 — Code4 — Code5 — Code6

Code 1	Input Voltage	Code 2	Input Current	Code 3	Input Frequency	Code 4	Output1	Code 5	Output2	Code 6	Aux. Power
1	55~440V(L-L)	1	1A	1	50 Hz	1	Dual Pulse	1	RS-485	3	DC 22~72V
		2	5A	2	60 Hz				Modbus RTU	6	AC/DC 85~265V
						0	None	0	None		
Y	Other	Y	Other	Y	Other	Y	Other	Y	Other	Y	Other

When ordering Specify Model, code number and variable.
Code Number : Model-code1-code2-code3-code4-code5-code6 (E.g. MMWH - 12210Y)

✷ ADDITIONAL FEATURES :

- **Display Range :** 0.4" High brightness red LED 8 digit display : ±99999999
- **Accuracy :** ± 0.5% RD at 23°C ± 3°C.
- **Input Range :** Input 55 ~ 440V (L-L) (Max. 500V L-L), Over Voltage 600V Continuous.

  Normal Current 5A, Effective Range 0 ~ 6A, Over Current 15A Continuous.

  Normal Current 1A, Effective Range 0 ~ 1.5A
- **Input Frequency :** 45 ~ 70Hz
- **Pulse Output :** Dual pulse output Corresponding to +WH / -WH

  1WH = 1 / 10 / 100 / 0.1 / 0.01 Pulse
- **Digital output Load :** RS-485 MODBUS RTU
- **Baudrate :** 2400, 4800, 9600, 19200, 38400, 57600
- **Address :** 1 ~ 255
- **Dielectric Strength :** 2.0 KV 50/60Hz AC / Min Between Input / Power / Case.
- **Outline Dimension :** 96(W)X48(H)X100(D)mm.
- **Mounting :** Panel Flush Mounting.

8 DIGIT 99999999 COUNTS
WATT + WATTHOUR DUAL DIGITAL PANEL METER
Model - MMWWH



✷ FEATURES :

- Suitable for 1ϕ 2W / 1ϕ 3W / 3ϕ 3W / 3ϕ 4W system
- 5 Digit Display for W (-)32768 ~ 32767
  8 Digit Display for WH ±99999999 Count
- RS-485 Modbus RTU & DC 4 ~ 20mA output
- Dual pulse output (Secondary value)
- Bi-direction measurement & display.

ORDERING :

MMWWH — Code1 — Code2 — Code3 — Code4 — Code5 — Code6

Code 1	Input Voltage	Code 2	Input Current	Code 3	Input Frequency	Code 4	Output1	Code 5	Output2	Code 6	Aux. Power
1	55~440V(L-L)	1	1A	1	50 Hz	1	2 Pulse	1	RS-485	3	DC 22~72V
		2	5A	2	60 Hz			2	DC 4~20mA	6	AC/DC 85~265V
						0	None	3	RS485+ DC4~20mA		
Y	Other	Y	Other	Y	Other	Y	Other	Y	Other	Y	Other

When ordering Specify Model, code number and variable.
Code Number : Model-code1-code2-code3-code4-code5-code6 (E.g. MMWWH - 12213Y)

✷ ADDITIONAL FEATURES :

- **Display Range :** 0.4" High brightness red LED

  5 Digit Display for W (-)32768 ~ (+)32767

  8 Digit Display for WH ±99999999 Count
- **Accuracy :** ± 0.5% RD at 23°C ± 3°C.
- **Input Range :** Input 55 ~ 440V (L-L) (Max. 500V L-L), Over Voltage 600V Continuous.

  Normal Current 5A, Effective Range 0 ~ 6A, Over Current 15A Continuous.

  Normal Current 1A, Effective Range 0 ~ 1.5A
- **Digital output Load :** RS-485 MODBUS RTU
- **Baudrate :** 2400, 4800, 9600, 19200, 38400, 57600
- **Address :** 1 ~ 255
- **Input Frequency :** 45 ~ 70Hz
- **Pulse Output :** Dual pulse output Corresponding to +WH / -WH

  1WH = 1 / 10 / 100 / 0.1 / 0.01 Pulse
- **Dielectric Strength :** 2.0 KV 50/60Hz AC / Min Between Input / Power / Case.
- **Outline Dimension :** 96(W)X48(H)X100(D)mm.
- **Mounting :** Panel Flush Mounting.