

DC Multifunction Power Meter

AC&M



■ Features:

- Comply to DIN-IEC 688
- Display for: DC V, A, W, WH
- Pulse output: 1 Count / 1~100 Pulse (Programmable)
- Permanent power-off memory for Watthour.
- 10 digit display
- Relays are controlled independently
- RS-485MODBUS RTU



■ Model:

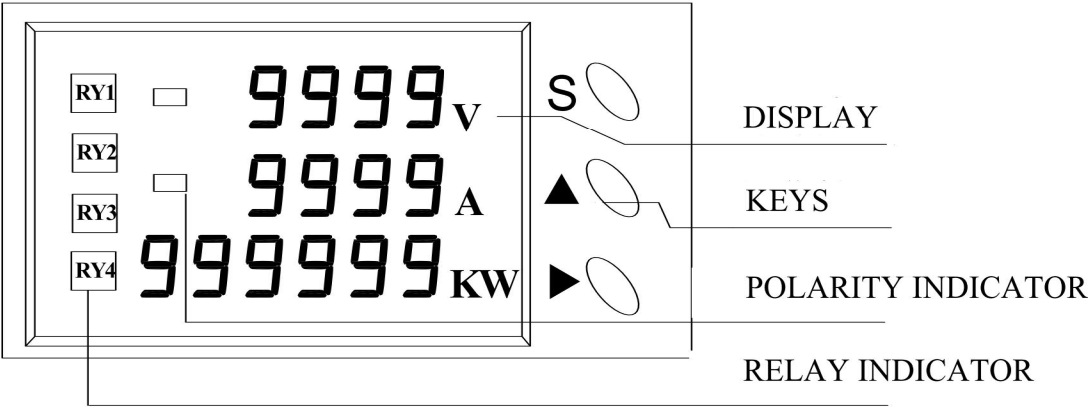
DMDPW

CODE 1 CODE 2 CODE 3 CODE 4 CODE 5 CODE 6

1	Input Voltage	2	Input Current	3	Alarm Setting	4	Output 1	5	Output 2	6	Aux. Power
1	DC0~50V	1	DC 0~5A	1	3Alarm Setting	1	RS-485	1	DC4~20mA	1	AC 110/220V
2	DC0~300V	2	DC 0~1A	2	4Alarm Setting	2	Pulse	2	DC0~20mA	2	AC 220V
3	DC0~600V	3	DC 0~10A	0	None	3	RS-485+Pulse	3	DC 0~5V	3	DC 22~72V
Y	Other	4	DC 0~20A	Y	Other	0	None	4	DC 0~10V	4	AC/DC85~265V
		5	ShuntX/50mV			Y	Other	Corresponds to V, A or W. (programmable)		Y	Other
		6	ShuntX/60mV					0	None		
		Y	Other					Y	Other		

Accuracy	: $\pm 0.5\%FS + 2$ Counts at $23^{\circ}C \pm 3^{\circ}C$.
Display	: 0.39" High Brightness Red LED 3 Lines Display. 10-Digit Display For Watthour..
Response Time	: ≤ 1 Sec.
Input Over Current	: Normal AC 5A, Over Current 15A Continuous.
Input Over Voltage	: Normal DC 110V, Over Voltage 500V Continuous ; 1200V 10Sec/Hour
Digital Output	: RS-485 Modbus RTU, Baud Rate 1200,2400,4800,9600,19200 (Selectable).
Output Protection	: Protection for open or short circuit. Resists Surge, EMI, RFI.
Input Range	: Normal Voltage Effective Range $\pm 10\%$. Normal Current 5A, Effective 0~7.5A. Normal Current 1A, Effective Range 0~1.5A.
Pulse Output	: Pulse output for Watthour.
Setting Range	: 0 ~ 9999 Counts (Programmable)
Non-action Range	: 0 ~ 9999 Counts (Programmable)
Dielectric Strength	: AC 2KV / Min, between Input/Power/Case, DIN IEC 688.
Surge	: 5 KV 1.2x50 uS, ANSI C37.90a / 1983.DIN IEC 255 — 4.
Temp. Coefficient	: $\leq 60ppm/^{\circ}C$ From 0 ~ $60^{\circ}C$; $\leq 50ppm/25^{\circ}C \pm 5^{\circ}C$.
Stability	: $\leq 0.2\%$ /year.
Operating Condition	: $-10^{\circ}C \sim +55^{\circ}C$ 20 ~ 95% RH Non-Condensed
Storage Condition	: $-40^{\circ}C \sim +75^{\circ}C$ 20 ~ 95% RH Non-Condensed
Power Supply	: Power Withstands AC $\pm 10\%$, AC/DC 85~265 V
Mounting	: Panel Flush Mounting
Outline	: 96W * 48H * 100L mm.
Cut Out	: 92W * 44H mm.

■ Panel and Keys



■ Dimension and Connection Diagram (mm)

