

MMV AC Voltage Digital Meter

AC&M

■ FEATURES

- Dual analog outputs (Isolated)
- Dual RS 485 MODBUS RTU (Isolated)
- Programmable PT ratio
- Small size (Depth< 90mm)
- Selectable Sampling Speed: (High/Medium/Low)

*Sampling speed is determined by the buffer size.

Buffer size=The number of measurements for RMS.



MMV - [code1] - [code2] - [code3] - [code4] - [code5]

Code1	Input Signal	Code2	Alarm Function	Code3	Output Signal1	Code4	Output Signal 2	Code5	Aux.Power
1	AC 0-440V	2	2 Alarm Setting	1	DC 0~10mA	3	Same as output1	1	AC 110/220V
		4	4 Alarm Setting	2	DC 0~20mA	6	RS-485	2	AC 220V
Y	Other	0	None	3	DC 4~20mA	8	RS-485 (Dual)	3	DC 22~72V
				4	DC 0~5V	0	None	6	AC/DC 85~265V
				5	DC 1~5V	Y	Other	Y	Other
				6	DC 0~10V				
				0	None				
				Y	Other				

SPECIFICATIONS:

INPUT:

Input Frequency : 45 ~ 70Hz.

Input Burden : 0.25VA at 60Hz.

Input Over : Normal AC 440V(Max: AC 500V), Over voltage 600V Continuous. 1.2KV 10sec/Hr

OUTPUT & DISPLAY:

DC Current: 0 – 20 mA DC

Load resistance drive: output drive 10 VDC maximum

Output	Load Resistance
0 – 10 mA :	1000 Ω
0 – 20 mA :	500 Ω
4 – 20 mA :	500 Ω

DC Voltage: 0 – 10 V DC

Load resistance drive: output drive 5 mA maximum

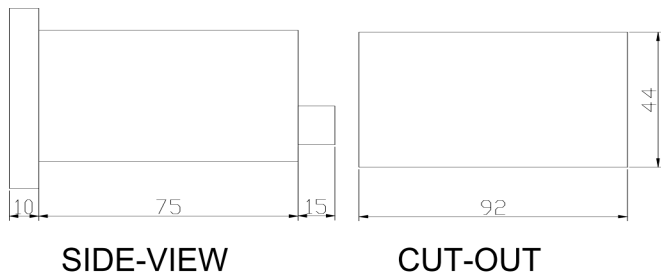
Output	Load Resistance
0 – 5 V :	1 KΩ
1 – 5 V :	1 KΩ
0 – 10 V :	2 KΩ

Output Response Time	: ≤1 Sec. (programmable per 100ms/unit)
Output Protection	: Without Damage for Output Open or Short Circuit.
Digital Output	: RS-485 Output, 1200,2400,4800,9600,19200 Baud Rate, User Selectable.
Display Range	: 0.56" High brightness RED LED , 5 Digits, -19999 ~ 99999Counts..

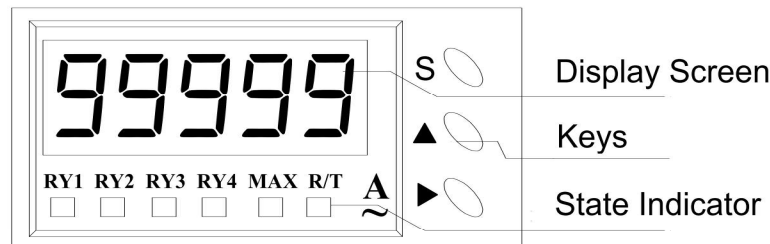
INSTALLATION & PERFORMANCE:

Accuracy	: 0.15%FS+1 Counts. Avg. Typically at 23°C±3°C. 0.25%FS+1 Counts. TRMS Typically at 23°C±3°C.
Setting Function	: 4 Alarm Setting, Setting Function(Hi or Lo) User Selectable.
Setting Range	: -19999 ~ 99999 Counts User Selectable.
Dead Band	: 0 ~ 9999 Counts User Selectable.
Time Delay	: 0 ~ 999 Sec. User Selectable.
SPDT Capacity	: AC 120V 3A., DC 30V 3A.
Dielectric Strength	: 2KV AC / Min Between Input / Power / Case.
Impulse	: 5 KV 1.2x50 uS, ANSI C37.90a / 1983.DIN IEC 255 — 4.
Stability	: ≤0.2%/Year.
Temperature Coefficient	: ≤60ppm / °C From 0 ~ 60°C ; ≤50ppm/25°C ±5°C
Operating Condition	: -10°C ~ +55°C 20 ~ 95% RH Non-Condensed.
Storage Condition	: -40°C ~ +75°C 20 ~ 95% RH Non-Condensed.
Consumed Power	: ≤3VA , PF = 1
Power Supply	: AC or DC ±20%, 50 / 60Hz.
Outline Dimension	: 1/8 DIN 96W X 48H X 100D mm.
Mounting	: Panel Flush Mounting.

■ Dimension (mm)



■ Panel Keys



■ Connection Diagram

