



Microprocessor Voltage & Current Meter

MODEL DMVA

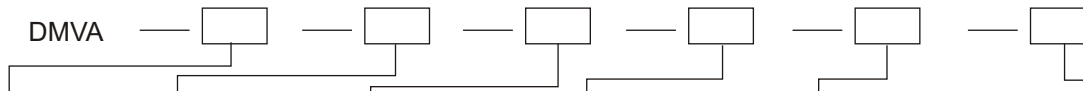
An ISO 9001:2000 Company

FEATURES :

- Applicable Standard : Answer for DIN-IEC 688
- Output / Display / Setting Range User Selectable
- Display at one time : 3V, 3A, Hz
- RS485 modbus RTU : 3 Units Analog, 4 Alarm Joining User Optional.



Ordering :



INPUT		INPUT/C		INPUT/F		OUTPUT		Setting Function		Aux. Power	
A	PTX/110V	A	1A	A	50Hz	A	0 ~ 10mA DC	A	4 Alarm Joining	C	DC 24V
C	600V	B	5A	B	60Hz	B	0 ~ 20mA DC	N	NONE	F	AC 85 ~ 265V DC 100 ~ 300V
Y	OTHER	Y	OTHER	Y	OTHER	C	4 ~ 20mA DC			Y	OTHER
						D	0 ~ 5V DC				
						E	1 ~ 5V DC				
						F	RS-485				
						N	None				
						Y	Other				

3Φ 4 W Voltage Line-Neutral

SPECIFICATIONS :

INPUT :

- Input Frequency : 45 Hz ~ 70Hz.
 Input Burden : Voltage 0.25VA/Unit, Current 0.25VA/Unit, as 50/60Hz.
 Input Range : Normal Voltage 110V, Effective Range 85~150V. Normal Voltage 220V, Effective Range 160~300V AC. Normal Current 5A, Effective Range 0~7.5A. Normal Current 1A, Effective Range 0~1.5A.
 Input Over : Normal AC 5A, Current 15A Continuous; 50A 10 Sec/Hour; 400A 0.5 Sec/Hour. Normal AC 110V, Voltage Over 500V Continuous; 1200V 10Sec/Hour.

OUTPUT :

DC Current : 0 - 20 mA DC

Load Resistance Drive : Output drive 10 VDC maximum

Output Load Resistance

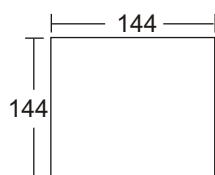
0 - 10 mA :	1000 Ω
0 - 20 mA :	500 Ω
4 - 20 mA :	500 Ω

- Output Protection : Without Damage for Output Open or Short Circuit.
 Output Response Time : ≤ 1 Sec.
 Digital output Load : RS-485 Output, Isolate Type with MODBUS RTU mode., 4800, 9600, 19200 Baud Rate, User Selectable.

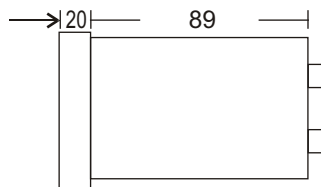
INSTALLATION & PERFORMANCE :

- Accuracy : V. A. = ± 0.2% FS+2C at 23°C ± 3°C.
 Hz = ± 0.02% FS+1C at 23°C ± 3°C.
 Display Range : 0.56" Super Red LED 4 Digits = 0~ 9999 Counts, PT. CT User Selectable.
 Response Time : ≤ 1 Sec.
 Dielectric Strength : AC 2.8KV/Min, Input / Power / Case, DIN IEC 688.
 Impulse : 5 KV 1.2x50 μS, ANSI C37.90a / 1983.DIN IEC 255 - 4.
 Stability : ≤ 0.2% / Year.
 Temperature Coefficient : ≤ 100ppm / °C From 0 ~ 60°C.
 Operating Condition : -10°C ~ + 85°C 20 ~ 95% RH Non-Condensed.
 Storage Condition: -40°C ~ + 105°C 20 ~ 95% RH Non-Condensed.
 Power Supply : AC 85~265V and DC 100 ~300V of Power can be withstood.
 Mounting : Panel Flush Mounting.

FRONT VIEW (mm)



SIDE VIEW



CUT OUT

