

Microprocessor Multifunction Power Meter (284*186mm)

Features :

- Standard: Qualified to DIN-IEC 688
- Displays: 3V、3A、W、Var、WH、VarH、PF、Hz、Harmonics、Demand
- Measure: 1 ϕ 2W, 1 ϕ 3W, 3 ϕ 3W, and 3 ϕ 4W systems
- 31 times of harmonic analysis ; display 15 times of odd harmonic.
- Demand Management & Demand Control
- Forever Power-Off Memory for 10000 data
- With RS-485 Modbus Output



MODEL: DMMP
DMMPH Harmonics
DMMPD Demand

	Input Voltage	Input Current	OUTPUT	Alarm Setting	AUX. POWER
A	55~440V (L-L)	A 1A	F RS-485 Modbus	A 4 Alarm Setting	C DC 24V
C	55~600V (L-L)	B 5A	O 4 sets of 4~20mA		F AC/DC 85~265V
			M 4 sets of 4~20mA + RS485		
			N NONE	N NONE	Y SPECIAL
			Y SPECIAL	Y SPECIAL	
Y	SPECIAL	Y SPECIAL			

Specifications :

INPUT:

Input Frequency : 45Hz ~70Hz.
 Input Burden : Voltage 0.25VA/Unit, Current 0.25VA/Unit, as 50/60Hz..
 Input Range : Voltage: 55~440V(L-L) AC, 45~65Hz or 55~600V(L-L) AC, 45~65Hz. Current: 110% for rating.
 Input Over : Voltage: 200% Continuous, 300% of rating for 10 Sec.
 Current: 400% Continuous, 2000% of rating for 10 Sec., 8000% of rating for 0.5 Sec.

OUTPUT:

DC Current: 0 – 20 mA DC
Load resistance drive: output drive 10 VDC maximum

Output	Load Resistance
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 K Ω
1 – 5 V :	1 K Ω
0 – 10 V :	2 K Ω

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

INSTALLATION & PERFORMANCE:

Accuracy : V、A、W、 = $\pm 0.2\%$ Fs+2C at 23 $^{\circ}$ C $\pm 3^{\circ}$ C. Var、WH、VarH、PF = $\pm 0.4\%$ RD+2C,
 Hz = $\pm 0.05\%$ Fs+1C at 23 $^{\circ}$ C $\pm 3^{\circ}$ C., THD = $\pm 2\%$

Display Range : V、A、W、Var、PF、Hz, 0.56" Super Red LED 4 Digits = 0~9999 Counts, PT、CT User Selectable.
 WH; VarH, 0.36" Super Red LED, 7 Digits = 0~9999999 Counts.

Response Time : ≤ 1 Sec.

Memory Capacity : Forever Power Off Memory for 10000 Data.

Dielectric Strength : AC 2.8KV / Min, Input/Power/Case, DIN IEC 688.

Surge : 6 KV 1.2x50 μ S, ANSI C37.90a / 1983.DIN IEC 1000.4- 5, 4 - 4.

Stability : $\leq 0.2\%$ /Year.

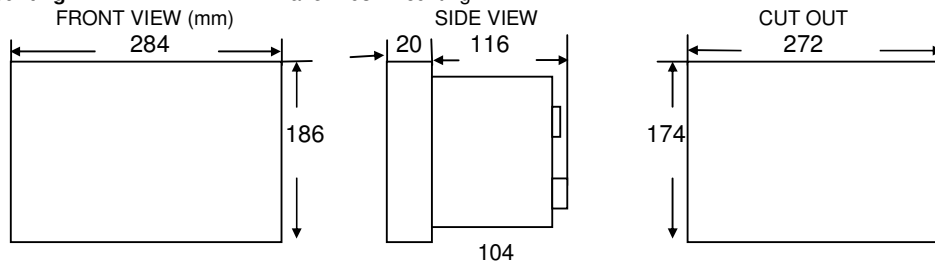
Temperature Coefficient : ≤ 100 ppm / $^{\circ}$ C From 0 ~ 60 $^{\circ}$ C,

Operation Condition : -10 $^{\circ}$ C ~ +55 $^{\circ}$ C 20 ~ 95% RH Non-Condensed.

Storage Condition : -40 $^{\circ}$ C ~ +75 $^{\circ}$ C 20 ~ 95% RH Non-Condensed.

Power Supply : AC 85~265V or DC 100~300V.50/60 hz

Mounting : Panel Flush Mounting.

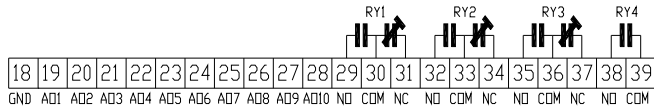
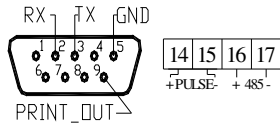
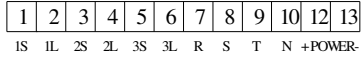


Connection Diagram:

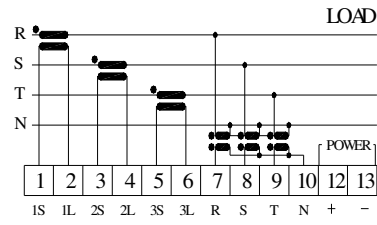
AC&M

WARNING

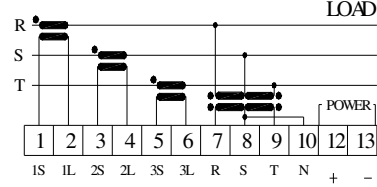
TO AVOID ELECTRIC SHOCK PLEASE.
NO OPERATOR SERVICEABLE
COMPONENTS INSIDE. DO NOT REMOVE COVERS.
REFER SERVICING TO QUALIFIED PERSONNEL.



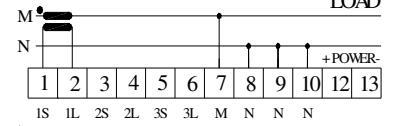
3P4W 3 ELEMENT



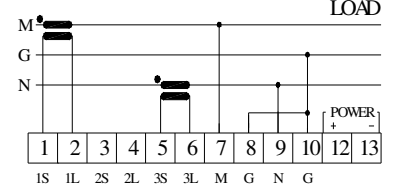
3P3W 3 ELEMENT



1P2W



1P3W



3P3W 2 ELEMENT

