

FEATURES :

- Output / Display Range User Selectable
- Dual Aux. Power 110/220V AC
- Wide Input Range
 - Normal Voltage 110V or 220V, Effective Range 55 ~ 300V.
 - Normal Current 5A, Effective Range 0 ~ 7.5A.
- Analog or Digital RS485 Output



Ordering : DMPF — — — — — — — Power Factor Bi-Direction

Circuit		I/P Voltage		I/P Voltage		Frequency		Output		Aux. Power	
A	1 ϕ 2W	A	55 ~ 300V	A	1A	A	50Hz	A	0 ~ 10mA DC	A	AC 110/220V
B	3 ϕ 3W					B	60Hz	B	0 ~ 20mA DC		(Dual Power)
C	3 ϕ 4W	B	300 ~ 600V	B	5A			C	4 ~ 20mA DC	C	DC 24V
								D	0 ~ 5V DC	D	DC 110V
								E	1 ~ 5V DC	E	DC 125V
Y	Other	Y	Other	Y	Other	Y	Other	F	RS-485	F	AC/DC 85~265V
								N	None		
								Y	Other		

Specify code number and variable.

Code number : model - circuit - input V - input C - frequency - output - power
(e.g. DMPF - B - A - A - B - B - A)

SPECIFICATIONS :

INPUT :

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

DC Voltage : 0 - 10 V DC

Load Resistance Drive : Output drive 5mA maximum

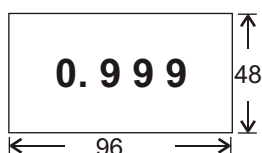
Output	Load Resistance
0 - 5 V :	1 K Ω
1 - 5 V :	1 K Ω
0 - 10 V :	2 K Ω

- Output Response Time : \leq Sec.
- Output Protection : Without Damage for Output Open or Short Circuit.
- Digital output Load : RS-485 Output, 1200, 2400, 4800, 9600, 19200 Baud Rate, User Selectable.
- Display Range : 0.56" Super Rate LED 3-1/2, 4 Digits, -0.500(C)~1.000~+0.500(L)COS θ

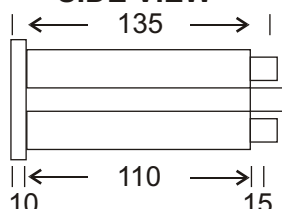
INSTALLATION & PERFORMANCE :

- Accuracy : 0.25% Fs + 0.3 Degree at 23°C \pm 3°C.
- Dielectric Strength : 2.6KV AC / Min between Input / Power / Case.
- Impulse : 4 KV 1.2x50 μ S, ANSI C37.90a / 1983.DIN IEC 255 - 4.
- Stability : \leq 0.2% / Year.
- Temperature Coefficient : \leq 100ppm / °C From 0 ~ 60°C.
- Operating Condition : -10°C ~ + 55°C 20 ~ 95% RH Non-Condensed.
- Storage Condition : -40°C ~ + 75°C 20 ~ 95% RH Non-Condensed.
- Power Supply : AC or DC \pm 20%, 50 / 60Hz.
- Outline Dimension : 1/8 DIN 96(W) x 48(H) x 135(D) mm.
- Mounting : Panel Flush Mounting.

FRONT VIEW (mm)



SIDE VIEW



CUT OUT

