



96DWM



96DVM



144DWM



144DVM

MECO-G rescaleable digital Watt & Var meters for measuring Active & Reactive Power are available with rescaleable DIP Switch. These meters can be used for balanced and unbalanced load. They can be scaled For CTR Values from 10.0~1600/1A or 10.0~1600/5A. They are supplied with Big Terminals for Robust connections. They are available in size 96x96mm, 144x144mm and other sizes on request (subject to technical feasibility).

GENERAL SPECIFICATIONS

Measuring Method : Multiplication of Pulse Width & Height
Sampling Time : 2.5 Samples Per Second
Display Type : Red LED Super Bright Display
Maximum Display : 3½ Digit, 1999 Counts
Resolution : 0.001 to 1 Count Depending on range
Polarity Indication : "-" is indicated for Export of Power
Over Range Indication : "1" or "-1"
Maximum Overload : Voltage: 1.2 times continuous
: Current: 2 times continuous
Frequency Response : 50Hz Standard.
Maximum Overload : Voltage: 1.2 times continuous
: Current: 2 times continuous
Environment : Calibration: 27°± 5°C, Operating: 0° ~ 50°C, RH < 95%, Storage: -10° ~ 60°C, RH < 95%

VA Burden (Typical) : <2.5VA
Dielectric Strength : 2kV at 50Hz for 1 min.
between input and Power terminals.
: 3kV at 50Hz for 1 min.
between all terminals to case.
Accuracy : ± 0.5% Rdg. ± 2 dgts.
Aux. Power Supply : 110V AC / DC, 230V AC / DC, 19-90VAC / DC, 24VDC / 48VDC, 85-264V AC/DC
±10% @ 50 / 60Hz / Self-Powered

	MODEL	PHASE	ELEMENT	VOLTAGE	CURRENT	FREQUENCY	P.F.
WATTMETERS				(ANY ONE)	(ANY ONE)		
	96DWM11	SINGLE	1	63.5V / 110V 230V / 440V 600V (P-N)	1 / 2 / 2.5 5AAC CTR --/1A CTR --/5A	50Hz	0.2 LAG - 1 - 0.2 LEAD
	144DWM11	PHASE					
	96DWM11L						
	144DWM11L						
	96DWM33	3PHASE	2	110 / 440V (P-P)			
	144DWM33	3WIRE					
	96DWM34	3PHASE	3				
	144DWM34	4WIRE					
VARMETERS							
	96DVM11	SINGLE	1	63.5V / 230V (P-N)	1 / 2 / 2.5 5AAC CTR --/1A CTR --/5A	50Hz	
	144DVM11	PHASE					
	96DVM33	3PHASE					2
	144DVM33	3WIRE					
	96DVM34	3PHASE	3				
	144DVM34	4WIRE					

