

Digital Wattmeter / Varmeter (with Built-In Transducer)



Specifications	DWM72x144	DVM72x144	DWM96 / DWM144	DVM96 / DVM144
Measuring Method	Multiplication of Pulse Width and Pulse Height		Dielectric Strength	2.5 kV at 50Hz for 1 min. between Case - Terminals
Sampling Rate	2.5 Samples per Second		Polarity Indication	" - " is Displayed to indicate Export of Power
Display Type	Red LED (Standard)		Case / Housing Material	DIN Black ABS, Dimension as per DIN 43700
Resolution	0.001 to 1 depending on range for 3% digit 0.0001 to 1 depending on range for 4% digit		Mounting Clamps	Sturdy, Moulded ABS with suitable Hardware
Maximum Overload	Voltage : 1.2 times continuous Current : 2 times continuous		Connectors	For 96x96mm (Detachable Connectors) For 72x144 & 144x144mm (Terminal Block) of Thermoplastic (UL 94V-0) with Tin Plated Brass Terminals
VA Burden (Typical)	Auxiliary : < 5 VA Voltage Input : < 0.5VA, < 5VA for R Phase in Self Powered		Faceplate / Lens	Red Antiglare Faceplate with Annunciators
Environment	Current Input : < 0.5 VA / Phase Calibration : 2°C – 5°C, Operating : 0 to 50°C, RH < 70% Storage : -10 to 60°C, RH < 70%		Note	Digital Watt / Var Meters with External Transducer Against Inquiry
Over Range	" 1 " or " -1 "			

Model	Input (Phase, Element, Wire)		Auxiliary Power Supply (any one only)			Accuracy Class		Digits (max.)		Bi Directional		Display Digit Height	
			110 / 230V AC	24 / 48 / 110 / 220V DC	Self Powered	0.5	1.0	3%	4%	Input	Display	0.56" / 14.2mm	1.0" / 25.4mm
DWM963511 DVM963511	1P 1E 2W	V (Nominal) = 63.5 / 110 / 230 / 440V AC; A (Nominal) = 1, 2 or 5A AC; PF (Nominal) 0.2 Lag - 1 - 0.2 Lead Hz(Nominal) = 50Hz V Range = - 20% of Nominal A Range = 20 - 120% of Nominal	ü	-	ü	ü	ü	ü	-	ü	ü	ü	-
DWM964511 DVM964511			ü	-	ü	ü	ü	-	ü	ü	ü	ü	-
DWM963531 DVM963531	3P 1E 2W (Balanced Load)		ü	-	ü	ü	ü	ü	-	ü	ü	ü	-
DWM964531 DVM964531			ü	-	ü	ü	ü	-	ü	ü	ü	ü	-
DWM963533 DVM963533	3P 2E 3W (Balanced & Unbalanced Load)		ü	-	ü	ü	ü	ü	-	ü	ü	ü	-
DWM964533 DVM964533			ü	-	ü	ü	ü	-	ü	ü	ü	ü	-
DWM963534 DVM963534	3P 3E 4W (Balanced & Unbalanced Load)		-	-	ü	ü	ü	ü	-	ü	ü	ü	-
DWM964534 DVM964534			-	-	ü	ü	ü	-	ü	ü	ü	ü	-
DWM1444511 DVM1444511	1P 1E 2W		ü	ü	ü	ü	ü	-	ü	ü	ü	-	ü
DWM1444531 DVM1444531	3P 1E 2W (Balanced Load)		ü	ü	ü	ü	ü	-	ü	ü	ü	-	ü
DWM1444533 DVM1444533	3P 2E 3W (Bal. & Unbal. Load)		ü	ü	ü	ü	ü	-	ü	ü	ü	-	ü
DWM1444534 DVM1444534	3P 2E 4W (Bal. & Unbal. Load)		ü	ü	ü	ü	ü	-	ü	ü	ü	-	ü
DWM72x1444511 DVM72x1444511	1P 1E 2W		ü	ü	ü	ü	ü	-	ü	ü	ü	-	ü
DWM72x1444531 DVM72x1444531	3P 1E 2W (Balanced Load)		ü	ü	ü	ü	ü	-	ü	ü	ü	-	ü
DWM72x1444533 DVM72x1444533	3P 2E 3W (Bal. & Unbal. Load)	ü	ü	ü	ü	ü	-	ü	ü	ü	-	ü	
DWM72x1444534 DVM72x1444534	3P 3E 4W (Bal. & Unbal. Load)	ü	ü	ü	ü	ü	-	ü	ü	ü	-	ü	

MADHU SUBTRONIC COMPONENTS PVT. LTD.

Off:- 1 st Floor, Krishna Bldg ; Shamrao Vithal Lane,

Off. Lamington Rd ; Mumbai - 400 007

Tel:- + 91 22 2380 0783/ 2386 4484/ 2387 6707, Fax:-+91 22 2387 6729

Email:- mscpl@vsnl.com ; Website:- www.mscpl.com