

DWM72x144533 - TRMS
DWM72x144534 - TRMS



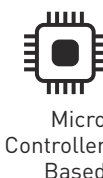
DVM72x144533 - TRMS
DVM72x144534 - TRMS



DVAM72x144533 - TRMS
DVAM72x144534 - TRMS



DPF72x144433 - TRMS
DPF72x144434 - TRMS



Features :

- TRMS Measurement
- 1"/25.4mm Digit Height Display
- 5 Digits 99999 Counts (Max.), Super Bright Display
- 3 Phase 3 Wire / 3 Phase 4 Wire System
- CE Compliance with EN61010-1, EN61326-1
- Stable & Accurate
- " -VE " is Displayed to Indicate Export of Power
- Auto Indication of K & M for Kilo & Mega Respectively
- Auto Selection of Decimal Point
- RS485 Port, 5KV Isolated with Modbus RTU Protocol (Optional)

Model	Parameter Measured (System)	Accuracy ±(%FS)
DWM72x144533 - TRMS / DWM72x144534 - TRMS	3 Phase Active Power	±0.5%
DVM72x144533 - TRMS / DVM72x144534 - TRMS	3 Phase Reactive Power	±1.0%
DVAM72x144533 - TRMS / DVAM72x144534 - TRMS	3 Phase Apparent Power	±0.5%
DPF72x144433 - TRMS / DPF72x144434 - TRMS	3 Phase Power Factor	±1° Electrical

Specifications

Auxillary Supply	85 - 265VAC / DC (Standard) 19V - 90VAC / DC (Optional)	Current I/P	<0.2VA / Phase
Voltage / Phase PT Ratio : 1-2500 (Max.)	190V - 290VAC (Max.) (PH-N) 50.8V - 96.2VAC (Max.) (PH-N) 330V - 500VAC (Max.) (PH-PH) 88V - 132VAC (Max.) (PH-PH)	System	3P2E3W / 3P3E4W
Current / Phase CT Ratio : 1-9000 (Max.)	0.1A to 1.2A (Max.) 0.5A to 6A (Max.)	Standard	
Frequency	45 - 55Hz	Installation Category	CAT II (IEC / EN61010-1)
Power Factor	0.300 Lag(L) - 1.000 - 0.300 Lead(C)	Pollution	Degree 2 (IEC / EN61010-1)
VA Burden (Typical)		Environment	
Auxiliary	<2.5VA	Calibration	27°C ± 5°C
Voltage I/P	<0.5VA / Phase	Operating	0 to 50°C, RH <70%
		Storage	-10 to 60°C, RH <70%
		Terminal Block	Screw Type
		Dielectric Strength	2.5KV @ 50Hz for 1min.
		Insulation Resistance	>20MΩ at 500VDC

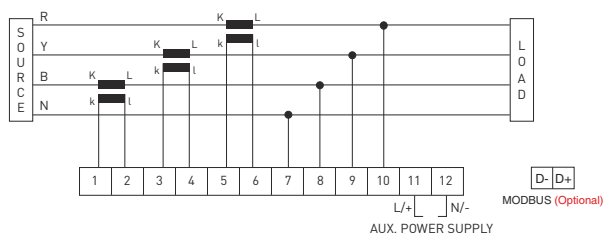
Dimensions (mm)

Front	72 x 144 mm
Depth	130 mm
Panel Cut-Out	68 ^(+0.8, -0.0) x 138 ^(+0.8, -0.0)
Case / Housing Material	Black ABS, Dimension as per DIN 43700
Mounting	Panel
Mounting Clamps	Sturdy, Moulded Derlin with Suitable Hardware
Terminals / Connectors	Terminal Block Thermo Plastic (UL94V-0) with Tin Plated Brass Terminals

Ordering Information: Model, Input Voltage, Input Current, Input Frequency, System 3P3E4W / 3P2E3W, CTR / PTR (if any), Auxiliary Supply & RS485 MODBUS Communication Port (Optional) **Standard :** As per IS 13875

Terminal Connection

3 Phase 3 Element 4 Wire



3 Phase 2 Element 3 Wire

