

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
- RS485 Port, 5KV Isolated with Modbus RTU Protocol (Optional)
- CE Compliance with EN61010-1, EN61326-1
- Stable & Accurate
- SMPS Power Supply
- “ -VE “ is Displayed to Indicates Export of Power
- Auto Indication of K & M for Kilo & Mega Respectively
- Auto Selection of Decimal Point

| Model | Parameter Measured (System) | Accuracy \pm (%FS) |
|--|-----------------------------|--------------------------|
| DWM72x144533 - TRMS / DWM72x144534 - TRMS | 3 Phase Active Power | $\pm 0.5\%$ |
| DVM72x144533 - TRMS / DVM72x144534 - TRMS | 3 Phase Reactive Power | $\pm 0.5\%$ |
| DVAM72x144533 - TRMS / DVAM72x144534 - TRMS | 3 Phase Apparent Power | $\pm 0.5\%$ |
| DPF72x144433 - TRMS / DPF72x144434 - TRMS | 3 Phase Power Factor | $\pm 1^\circ$ Electrical |

Specifications

| | | | |
|----------------------------|---|------------------------------|----------------------------|
| Auxillary Supply | 85 - 265VAC / DC (Standard) 19V - 90VAC / DC (Optional) | Current I/P | <0.2VA / Phase |
| Voltage / Phase | 190V - 290VAC (Max.) (PH-N) 50.8V - 96.2VAC (Max.) (PH-N) 330V - 500VAC (Max.) (PH-N) 88V - 132VAC (Max.) (PH-N) | System | 3P2E3W / 3P3E4W |
| Current / Phase | 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 \pm 5°C |
| Voltage I/P | <0.2VA / 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 | > 20MOhms at 500VDC |

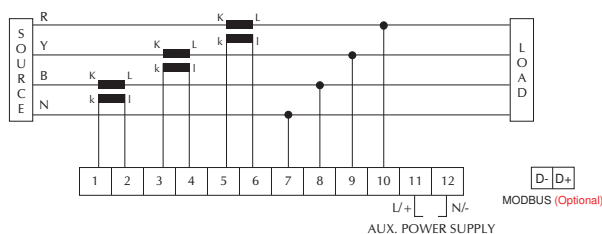
Dimensions (mm)

| | |
|--------------------------------|---|
| 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)

Terminal Connection

3 Phase 3 Element 4 Wire



3 Phase 2 Element 3 Wire

