

VAF METERS



DT-36M

- ▶ Measurement of all voltages & currents, frequency.
- ▶ True RMS Measurements.
- ▶ Large Multi line LED bright red display .
- ▶ Accuracy class 1s(IEC 1036/CBIP 88) .



DT-36L



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VAF METERS - DT-36

Our range of three-phase VAF digital panel meters for accurate and reliable measurement of electrical parameters (voltage, current, frequency,) in industrial and commercial applications. It has a large multi-line Red LED display which enables three parameters to be displayed at the same time.



Features

- Accuracy class 1s.
- True RMS measurements with perfect linear response.
- 3rows of (14.2mm)7 segment led 4digit bright red display .
- 3rows of (14.2mm)7 segment led 3digit bright red display .
- On site programmable CT ratio.
- V,A,PF all 3 phases can be viewed simultaneously.
- Wide range of auxiliary supplies.
- Reliable performance at Low Current(>5% of load).
- Finger proof self lifting terminals for connection of wiring.
- Keypad:** 1 keys for scrolling display pages & programming functions.

Electrical Specification

- System : 3phase 4wire / 3phase 3wire / 1phase 2 wire.
- Operating Voltage: 80 - 500 V AC Line to Line at 45.....65 Hz.
- Current: 50mA-6AAC.
- CT Ratio: 5-5000A AC (only primary to be set).
- Power Consumption:<0.1VA in Current Circuit,< 0.1 VA in Voltage.
- Auxiliary supply: 230VAC default (+20%) 50Hz..
- Burden : 0.2VA per phase & < 3VA max on Auxiliary supply.
- Dielectric strength : 2 kv for 1min.
- Maximum Overload voltage : 1.2 times rated continuous.
- Maximum Overload current : 2 times rated continuous.

Relevant Standard

- EMC: IEC 61326 / Immunity: IEC 61000-4-3 / Safety: IEC 61010-1-2001
- Protection : Ip52 Front / Ip20 Terminal block.

Programmable Setting

- CT Ratio Primary to be set,
- Auto/Manual Scroll ON & OFF Mode .

Parameters Displayed

- Voltage LN, LL, Average .
- Ampere and Average .
- Frequency.

Environment

- Ambient: -10° C to 55° C.
- Storage: -20° C to 70° C.
- Humidity: <95% RH Non condensing.

Mechanical Dimensions

- Front : 96mm x 96mm / Depth 54mm
- Panel Cut Out : 91mm x 91mm ± 0.1mm
- Casing : Flame retardant ABS.
- Connector : ABS & Pcb terminal block.

Applications

- Switch gear panels.
- Control and relay panels.
- Power Control panels and Motor Control panels.

Model

- DT-36M 4 digit 3row.
- DT-36L 3 digit 3row.

Features

- LN voltage & average.
- LL voltage & average.
- Line Current & average.
- Frequency .

DT-36L

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DT-36M

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Typical Diagram

