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

Model

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.

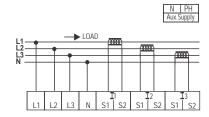
Control and relay panels.

Power Control panels and Motor Control panels.

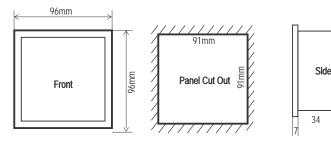
DT-36M 4 digit 3row. DT-36L 3 digit 3row.

FeaturesDT-36LDT-36MLN voltage & average.••LL voltage & average.••Line Current & average.••Frequency .••

Typical Diagram



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VAF Meter Reliable Performance