

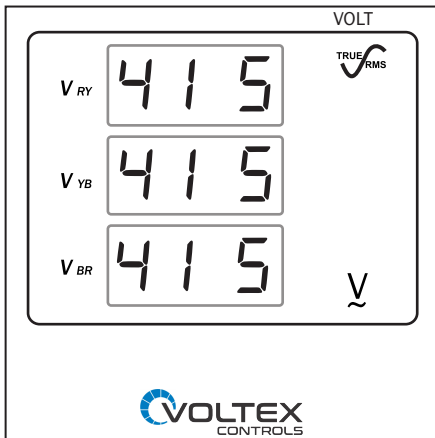
OPERATING MANUAL

3 Phase Panel Meter

VOLT

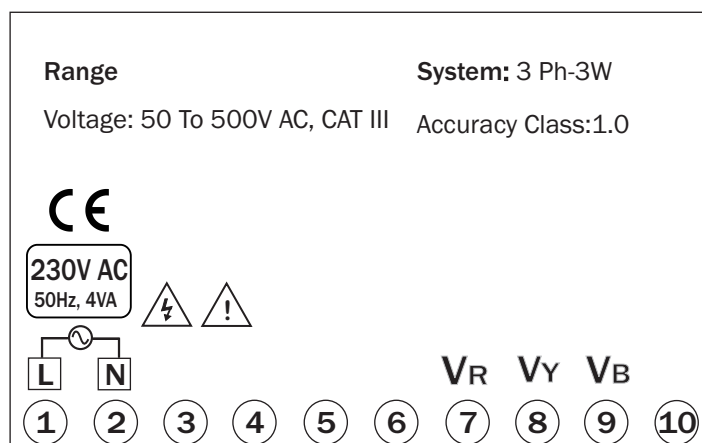


Technical Specification



Model	VOLT
Display	3 Digit/Line 7 seg 0.56", red LED Display
Size (mm)	96(H) X 96 (W) X 45 (D) mm
Panel Cutout	92 X 92 mm
Input Voltage	50 to 500V AC, CAT III
Power Supply	230V AC, 50 Hz, Approx 4VA
Protection Level (As per request)	IP-65 (Front side) As per IS/IEC 60529 : 2001
Operating Temperature	0 °C To 55 °C
Relative Humidity	Up to 95% RH Non Condensing

Connection Diagram



Safety Precautions

All safety related codifications, symbols and instructions that appear in this operating manual or on the equipment must be strictly followed to ensure the safety of the operating personnel as well as the instrument.

If all the equipment is not handled in a manner specified by the manufacturer, it might impair the protection provided by the equipment .

=> Read complete instructions prior to installation and operation of the unit.

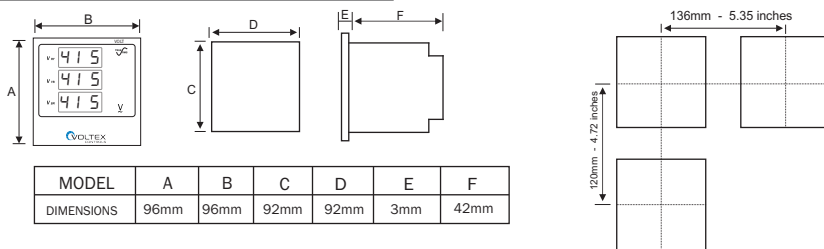


WARNING : Risk of electric shock.

Warning Guidelines

- 1) To prevent the risk of electric shock power supply to the equipment must be kept OFF while doing the wiring arrangement. Do not touch the terminals while power is being supplied.
- 2) To reduce electro magnetic interference, use wire with adequate rating and twists of the same of equal size shall be made with shortest connection.
- 3) Cable used for connection to power source, must have a cross section of 1mm^2 or greater. These wires should have insulations capacity made of at least 1.5kV.
- 4) When extending the thermocouple lead wires, always use thermocouple compensation wires for wiring for the RTD type, use a wiring material with a small lead resistance (5Ω max per line) and no resistance differentials among three wires should be present.
- 5) A better anti-noise effect can be expected by using standard power supply cable for the instrument.

Mechanical Installation



- 1) Prepare the panel cutout with proper dimensions as show above.
- 2) Fit the unit into the panel with the help of clamp given.
- 3) The equipment in its installed state must not come in close proximity to any heating source, caustic vapors, oils steam, or other unwanted process by products.
- 4) Use the specified size of crimp terminal (M3.5 screws) to wire the terminal block. Tightening the screws on the terminal block using the tightening torque of the range of 1.2 N.m.
- 5) Do not connect anything to unused terminals.

Product improvement and upgrade is a constant procedure. So for more updated operating information and support, contact our Helping : 70 46 319 319 or Email at voltexcontrols@gmail.com