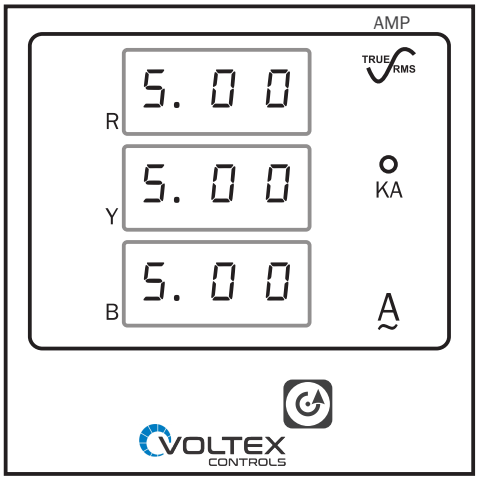
OPERATING MANUAL
3 Phase Panel Meter
AMP

VOLTEX CONTROLS

CE

Technical Specification

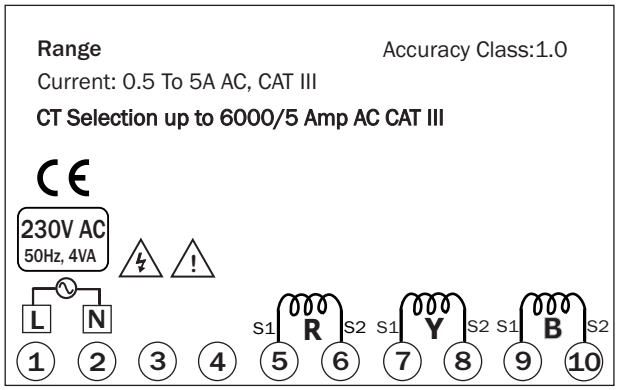


Model	AMP
Display	3 Digit/Line 7 seg 0.56",red LED Display
Size (mm)	96(H) X 96 (W) X 45 (D) mm
Panel Cutout	92 X 92 mm
Input Current	0.5 to 5AMP AC, (PRIMARY) CAT III
LED Indication	Kilo Ampere Reading
Power Supply	230V AC,50 Hz, Approx 4VA
Protection Level (As per request)	IP-65 (Front side) As per IS/IEC 60529 : 2001
Operating Temperature	0°C To 55°C
Relative Humidity	Up to 95% RH Non Condensing

CT RATIO SELECTION

1) Press & Hold the scroll key for 5 sec.
2) Display R will show CTr (CT Ratio) and Display Y & B will show the Primary CT Ratio (Y-most significant digit, B last three digits)
3) Press scroll key to change the CT Ratio, up to 900 display B will show the CT Ratio, from 1000 to 6000 amp Display Y & B thought will show the primary CT Ratio.
4) IF no key is press for 5 second CT Ratio Automatically SAVE & EXIT.
5) From 5 to 100 CT Ratio increased by step 5 AMP
   From 100 to 1000 CT Ratio increased by step 25 AMP
   From 1000 to 2000 CT Ratio increased by step 50 AMP
   From 2000 to 6000 CT Ratio increased by step 500 AMP

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 .

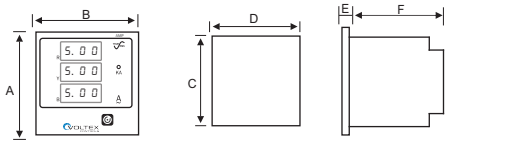
=> Read complete instructions prior to installation and operation of the unit.

WARNING : Risk of electric shock.

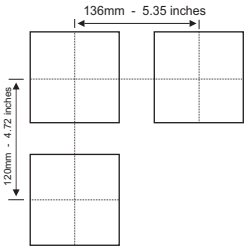
Warning Guidelines

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



MODEL	A	B	C	D	E	F
DIMENSIONS	96mm	96mm	92mm	92mm	3mm	42mm



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