



TECHNICAL SPECIFICATION

INPUT SPECIFICATION :

Direct Voltage AC	30 to 300V AC (L - N) 50 to 520V AC (L - L)
Primary PT	100 to 999kV AC (L-L) (Selectable)
Secondary PT	100 to 520V AC (L-L) (Selectable)
Frequency	45.0 Hz to 65.0 Hz
Resolution	1 Volt
Accuracy	Class 0.5

DISPLAY AND KEY :

Display	4 digit, 1line, 7 seg, 0.8" RED LED
Keys	SET/ENT, INC, DEC
LED Indication	L1, L2, L3, Avg, L-L, L-N, Hz

Dimension :

Dimension (mm)	96 (H) x 96 (W) x 43 (D) mm
Panel Cutout	92 (H) x 92 (W) mm

ACCURACY

Class 0.5 (Standard)

AUXILIARY SUPPLY :

Supply voltage	230V AC, ±20%,50Hz
Power consumption (VA RATING)	4 VA MAX

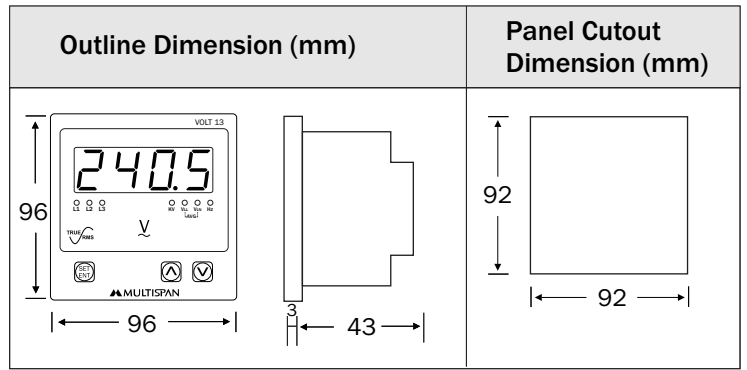
ENVIRONMENT CONDITION :

Operating Temp.	0°C to 55°C
Relative Humidity	UP to 95% RH (non-condensing)
Protection Level (As per request)	IP-65 (Front side) As per IS/IEC 60529 : 2001

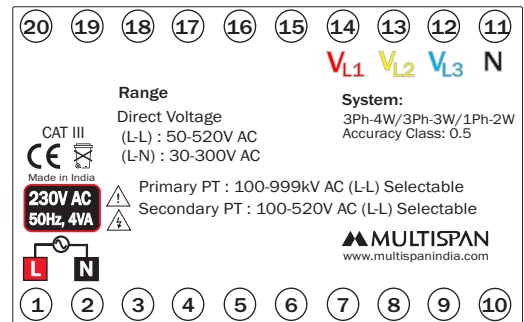
NETWORK CONNECTION :

3Ø-3W/3Ø-4W/1Ø-2W

MECHANICAL INSTALLATION



TERMINAL CONNECTION











DISPLAY PAGE

3Ø-4W		1Ø-2W
1) Voltage L1-N 240 L1 L2 L3 KV VLL VLN Hz	6) Voltage L2-L3 400 L1 L2 L3 KV VLL VLN Hz	1) Voltage L1-N 240 L1 L2 L3 KV VLL VLN Hz
2) Voltage L2-N 241 L1 L2 L3 KV VLL VLN Hz	7) Voltage L3-L1 430 L1 L2 L3 KV VLL VLN Hz	2) Frequency 500 L1 L2 L3 KV VLL VLN Hz
3) Voltage L3-N 250 L1 L2 L3 KV VLL VLN Hz	8) Average 415 L1 L2 L3 KV VLL VLN Hz	
4) Average 243 L1 L2 L3 KV VLL VLN Hz	9) Frequency 500 L1 L2 L3 KV VLL VLN Hz	
5) Voltage L1-L2 415 L1 L2 L3 KV VLL VLN Hz		

In 3Ø3W Network Connection 5 to 9 Page Will Display

KEY OPERATION

FUNCTION	PRESS KEY
OPERATOR MODE	
To enter in parameter setting	 For 5 sec
To view individual phase voltage	 OR 
To Scroll & Hold Page	 + 
PARAMETER SETTING MODE	
It is used to set parameter value and to be save & exit from menu	
To increment value in parameter setting	
To decrement value in parameter setting	

MECHANICAL INSTALLATION

1. Prepare the panel cutout with proper dimensions as shown 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, oil steam, or other unwanted process byproducts.
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.

INSTALLATION GUIDELINES

- 1) Do not allow pieces of metal, wire clippings, or fine metallic fillings from installation to enter the product or else it may lead to a safety hazard that may in turn endanger life or cause electrical shock to the operator.
- 2) Circuit breaker or mains switch must be installed between power source and supply terminal to facilitate power 'ON' or 'OFF' function. However this mains switch or circuit breaker must be installed at convenient place normally accessible to the operator.
- 3) Use and store the instrument within the specified ambient temperature and humidity ranges as mentioned in this manual.



SAFETY PRECAUTION

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



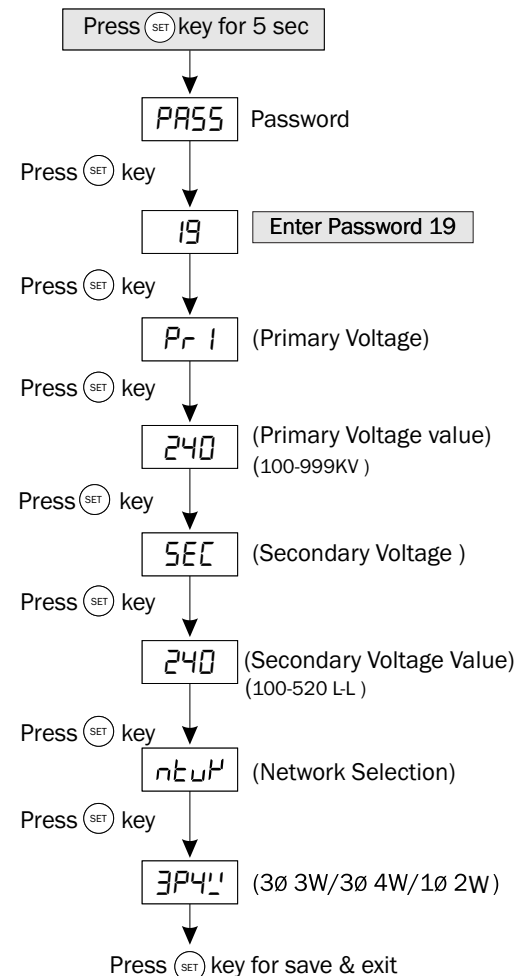
WARNING : Risk of electric shock.

- 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 or greater. These wires should have insulations capacity made of at least 1.5kV.
- 4) A better anti-noise effect can be expected by using standard power supply cable for the instrument.

MAINTENANCE

- 1) The equipment should be cleaned regularly to avoid blockage of ventilating parts.
- 2) Clean the equipment with a clean soft cloth. Do not use isopropyl alcohol or any other cleaning agent.
- 3) Fusible resistor must not be replaced by operator.

PARAMETER SETTING



Specifications are subject to change, since development is a continuous process, So for more updated operating information and Support, Please contact our Helpline: 9978991482/9978991476/9978991474 or Email at service@multispanindia.com Ver:202102