

### 3 Ph Volt Meter (VMN3109)



#### Features:

- 0.5 class accuracy, ETDC certified
- LCD digit height 16mm with backlit
- RS485 Communication(MODBUS compatibility)
- Easily integrated with web-based energy monitoring solution
- In built digital temperature compensation to maintain accuracy
- Weightless
- Covered screw terminals
- Less power consumption
- Easy fixing on panel

#### Technical specifications

<b>Accuracy</b>	: class 0.5
<b>Resolution</b>	: 0.1
<b>System</b>	: 3phase 4wire
<b>Measuring Range</b>	: 10 to 520V AC (L - L) 5 to 300V AC (L - N)
<b>Frequency</b>	: 45 to 65 Hz
<b>Aux supply</b>	: 85 to 265 V AC 40 to 300 V DC
<b>Burden</b>	: Voltage Ckt < 1VA Aux.Supply < 1VA
<b>Display</b>	: LCD with green backlit 4 digits (16mm Height) and 2 digits (12mm Height)
<b>Communication</b>	: RS 232/ RS 485 with MODBUS RTU (optional)
<b>Meter Configuration</b>	: Through 4 no of soft Keys on front fascia
<b>Dimension</b>	: 96mm X96mm X 48mm (Including connectors)
<b>Panel Cutout</b>	: 92mm X 92mm (tolerance + 0.5mm on both sides)
<b>Mounting</b>	: Panel mounting (spring loaded side Clamp for fixing)
<b>Termination</b>	: Covered screw terminals
<b>Temperature</b>	: Operating Temp -10 to 55 ° C Storage Temp -20 to 70 ° C Humidity 5 to 95% RH at 50 ° C (Non-condensing)
<b>Weight</b>	: 300g approx

**Display Parameters:**

Phase Sequence

R Phase Voltage (L-N)

Y Phase Voltage (L-N)

B Phase Voltage (L-N)

R –Y Phase Voltage (L-L)

Y –B Phase Voltage (L-L)

R –B Phase Voltage (L-L)