

**Features:**

- 1 Line 4 Digit ultra bright LED display
- Site Programmable PT ratio (Primary and Secondary)
- True RMS measurement
- Password protection
- Harmonic measurement (THDV)
- Auto ranging
- Universal Auxiliary supply

**Advantages:**

- Cost-effective
- Accurate reading
- Long life compared to Analog, as no moving parts
- Reduce panel space, wiring and installation time
- Precise onsite display

Applications:

- Industrial application and Automation
- Control Panel
- Equipment Monitoring
- Distribution Systems
- Test bench

Measuring Parameters

- Voltage (L-L), (L-L) average, (L-N), (L-N) average
- Total and Average Harmonic Distortion (Phase wise): Voltage (THDV)
- System frequency

Supply Voltage

Auxiliary Supply	90-270V AC/DC
Frequency	50/60 Hz

Display

Display	1 row of 4 digits, 7 segment LED display
Digit Height	0.56" (14.3mm)
Display Scrolling	Automatic/Manual

Parameters (Resettable)

PT Ratio	Up to 132kV
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Input Specifications

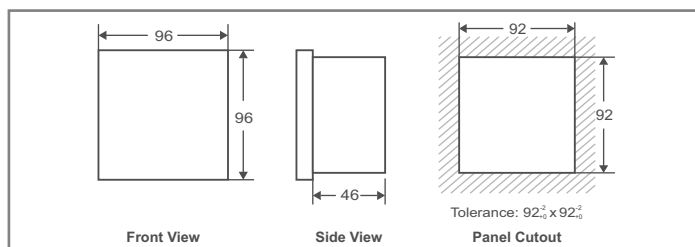
Electrical Connection	3Ø-4 wire
Input Voltage Range	10-500V AC (L-L)
Frequency	45/65 Hz
Resolution	Autoranging, Hz 0.01
Accuracy	➤ Voltage $\pm 0.5\%$ of F.S. ➤ Frequency $\pm 0.1\%$ of F.S.
Burden	Voltage: 0.2 VA max per input Aux. Supply: 3 VA max.

Environmental Specifications

Temperature	Operating : -10° to 55°C Storage : -20° to 75°C
Humidity	< 95% RH
Protection Degree	IP20 (Terminals) IP54 (Front of housing)

Mechanical Specifications

Mounting	Flush Mounting with Side Clamps
Weight	280 g
Enclosure Material	ABS Thermoplastic

Dimension**Applicable Standards**

Radiated Emission	CISPR22
Fast Transient Burst Test	IEC61000-4.4
Conducted Emission	IEC61000-6.3
Test of Immunity to Electromagnetic RF Fields	IEC61000-4.3
Test of Immunity to Conducted Disturbances, Induced by Radio-Frequency Fields	IEC61000-4.6
Test of Immunity to Electrostatic Discharges	IEC61000-4.2
Surge Immunity Test	IEC61000-4.5

Safety Standards

Safety Standard	IEC61010-1
Pollution Degree	II
Installation Category	III
High Voltage Test	2 kV AC, 50Hz for 1 Minute Between Aux. & Measuring Inputs



Connection Diagram

