

**Features:**

- ▶ 1 Line 4 Digit ultra bright LED display
- ▶ True RMS measurement
- ▶ Password protection
- ▶ a) Optional features
- ▶ Harmonic measurement (Total & Individual)
- ▶ 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)
- ▶ Voltage (L-N)
- ▶ Current
- ▶ Active power
- ▶ Frequency
- ▶ Total harmonic distortion (voltage and Current)

Supply Voltage

Auxiliary Supply	90-270V AC/DC (±15%)
Frequency	50/60 Hz

Display

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

Settable Parameters

Input	0 - 6.0 Amps / 0 - 20.0 Amps
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Input Specifications

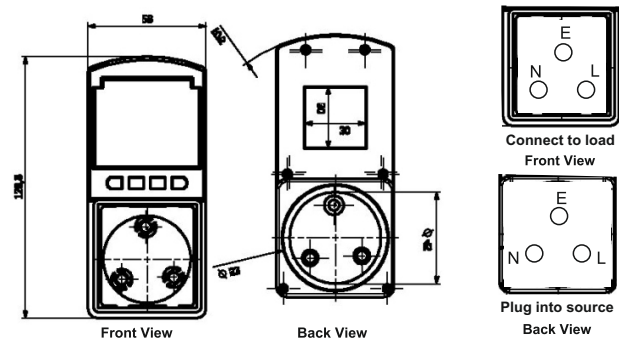
Electrical Connection	1Ø-2 wire
Input Voltage Range	0-300VAC (L-N)
Input Current Range	0.015A-6AAC/60A DC (Optional)
Frequency	45/65 Hz
Resolution	▶ Energy 0.1 kWh ▶ Power factor: 0.001 ▶ Frequency: 0.01 Hz ▶ Voltage: Autoranging ▶ Current: Autoranging ▶ Power: Autoranging
Accuracy	▶ Voltage ±0.5% of F.S. ▶ Current ±0.5% of F.S. ▶ Power Factor ±0.5% of F.S. ▶ Frequency ±0.1% of F.S. ▶ Power (Active:1%) ▶ Energy (Active: Class 1)
Burden	Voltage: 0.2 VA max. per input Current: 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

Mechanical Specifications

Weight	280 g
Enclosure Material	ABS Thermoplastic

Dimension / Connection Diagram**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	2
Installation Category	III
High Voltage Test	3.3 kV AC, 50Hz for 1 Minute Between Aux.& Measuring Inputs