



Power Quality Analyzer

For a safer today, and sustainable tomorrow

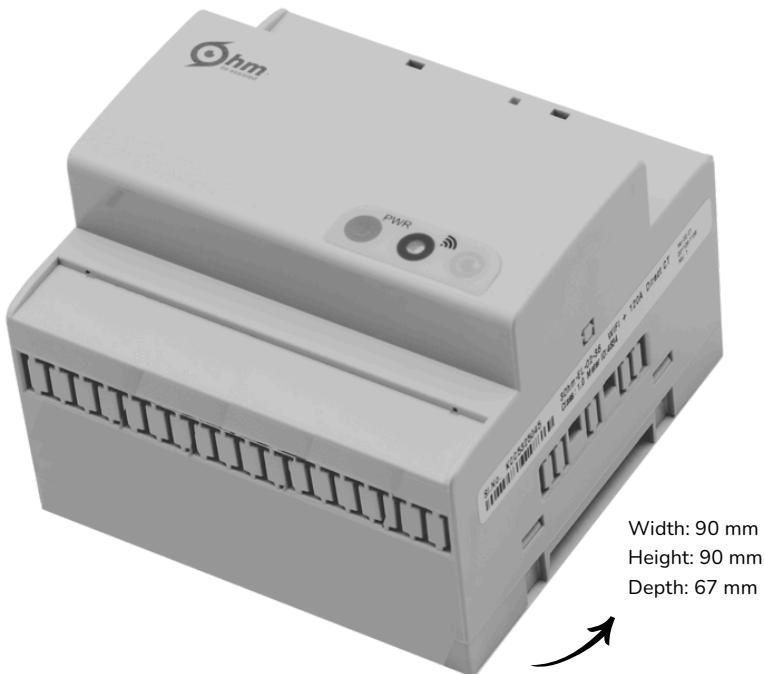


Inspiring energy efficiency

For Single Phase & Three Phase

Class1 Accuracy

Rating: Upto 400 amperes with external CTs



Technical Specifications

Supply Type: Single/Three Phase

Voltage: 110-415V

Supply Type: AC

Supply Frequency: 50/60 HZ

Current: 100/200/400 Amps with external CTs

Connectivity: WiFi 2.4 GHz/Ethernet

Din Size: 5 Din

Mount: Din Rail

Data Storage: On Cloud

Installation

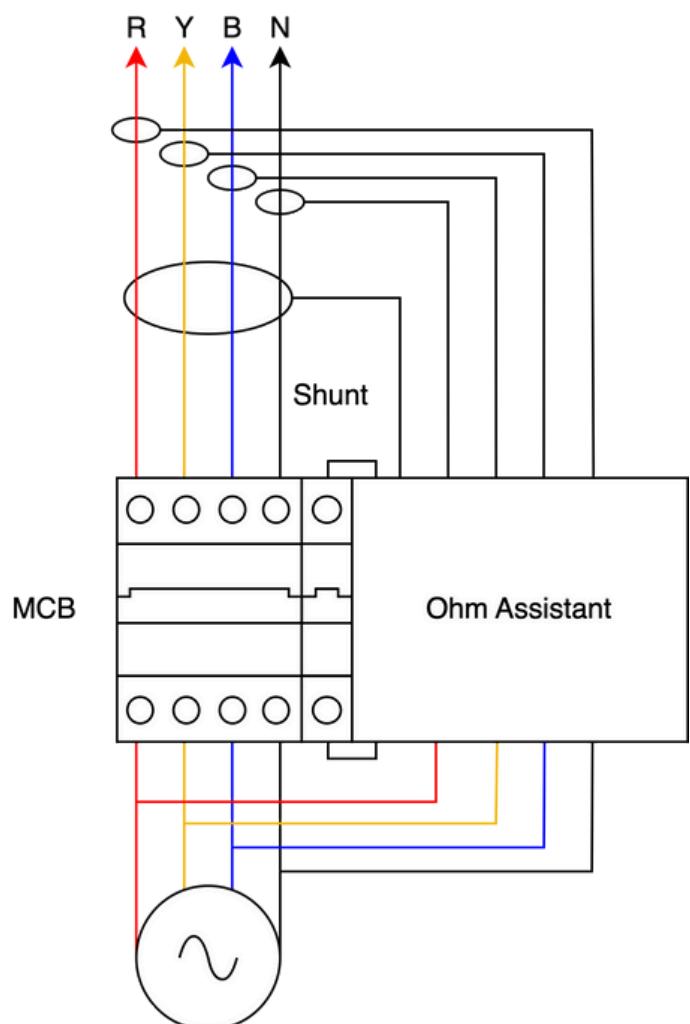
Position: Between utility meter and DB

Location: Meter Room/Electrical Shaft/DB

Internet: WiFi 2.4GHz/Ethernet

Circuit Breaker: Appropriate rated MCB/MCCB of any brand (outside the scope of Ohm)

Accessories: Shunt Release 12-48V DC of MCB/MCCB compatible brand (outside the scope of Ohm)



Ohm Power Quality Analyzer



Integrated Solution for Electrical Safety

Combines the capability of multiple safety devices by detecting a variety of electrical faults



Cloud Response & Dashboard

Cloud-based dashboard to records any events or responses to electrical anomalies



Monitoring With Protection

Helps monitor electrical anomalies in real-time; can send signals to other protection devices to trip the circuit in case of extreme events



Easy Installation

Can be easily installed as per the building's needs due to its customisable and compact nature



Cost Effective

All-in-one protection; saves costs incurred to monitor individual electrical faults

Parameter/Event	Reporting	Isolation
Arcing	✓	✓
Short Circuit	✓	✓
Over Current	✓	✓
Earth Leakage	✓	✓
Over Voltage	✓	✓
Under Voltage	✓	✓
Phase Loss	✓	✓
Phase Reversal	✓	✓
Loss of Supply to Neutral	✓	✓
Voltage Quality	✓	Optional
Low Power Factor	✓	Optional
High Harmonics	✓	Optional
High Inrush	✓	Optional
Unbalanced Load	✓	Optional

SustLabs

Power Quality
Detects today's faults and deteriorations in your power supply

Search for Bot ID or Nick ▾ Select Event ▾ Select Phase ▾ Reset Filter

Electrical Parameters Indicator

		Concerning Events		Normal Events	
Over Voltage	33	Over Current		Under Voltage	
Phase Reversal		Voltage Fluctuation		High Inrush	
High Harmonics		Power Factor	30	Arcing	
Voltage Quality		Over Consumption		Neutral Loss	

Power Quality Log

* In case of Power Quality deteriorations, daily report will be sent on the registered email ID at the end of the day.

Bot Id	Nickname	Timestamp	Event Type	Voltage
5562	Golf course	03-12-2024 09:55:10	Over Voltage	240V
8363	-	03-12-2024 09:44:29	Over Voltage	240V
5698	Lavelle Road Bangalore	03-12-2024 09:40:19	Over Voltage	240V

Comprehensive dashboard for real-time monitoring and historical data on power quality parameters

Mobile application for residential user for alerts and to track energy consumption

SustLabs

Inspiring Energy Efficiency

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