

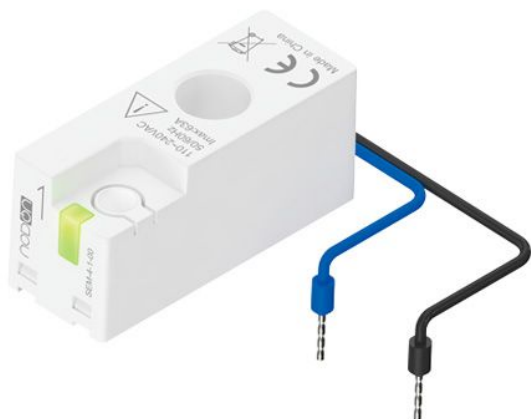
ZIGBEE ENERGY METER SENSOR

Ultra-Compact and Precise Zigbee Smart Energy Meter

REF : NO-SEM-4-1-00

EAN : 3700313926215

EXISTS IN : WHITE



DESCRIPTION :

This Zigbee smart energy meter is a small device to be installed in your electrical panel. It accurately measures the electricity consumption and production of your installation and allows you to access this data in real time via your Zigbee-compatible home automation system.

STRENGTHS :

- **Easy installation** thanks to its very compact size.
- **Real-time monitoring** of electricity consumption and production.
- **Highly accurate measurements** (only 1% error margin).
- **Bidirectional**: measures both consumed AND produced electricity (ideal for solar installations).
- **Smart control** possible (e.g., smart charging of electric vehicles).
- **Compatible with most Zigbee 3.0 home automation systems.**
- **Remote updates** (OTA) to easily benefit from new features and improvements.
- **Example use cases:**
 - Monitoring energy consumption or production in a solar-powered home
 - Sharing energy costs in a co-owned building
 - Tracking and optimizing the charging of an electric vehicle

CHARACTERISTICS :

- **Operating voltage**: 110–240V AC
- **Base current**: 10 A
- **Measurement range**: 50 mA – 63 A

- **Ultra compact:** 46.8 x 17.8 x 21.3 mm, only 22 g
- **Accuracy:** $\pm 1\%$
- **Protection rating:** IP20
- **Radio protocol:** Zigbee 3.0 (compatible with most Zigbee home automation hubs)
- **Easy updates:** OTA (Over-The-Air) function
- **Measurement:** current, voltage, power, energy (bidirectional)
- **Warranty:** 2 years