Z-Wave Whole House Energy Meter

Overview

The RCS Energy Meter Series networked power meters are sub-metering devices designed to provide timely and accurate consumption data. These meters can capture kWh/kW energy and demand data as well as virtually all relevant energy parameters for diagnostics and monitoring single-phase circuit installations. Input for 2 CTs can be used to monitor whole house usage (L1 + L2) or 2 single-phase sub-loads.

Technical Specifications

- Residential Single-phase Configuration – Model EM52
  - 2 Single-phase CT inputs for Whole House consumption
- Automatically adjusts for CT orientation
  - Greatly reduces setup time and installation errors
- All-in-One design with flexible antenna for maximum RF range and ease of installation
- Accuracy: +/- 1% of reading
- Frequency: 50/60Hz
- Current Transformer Input: (0-0.333v) (0 – 3.3V)
- Selectable Current Transformer range (5A-150A)
- Built-in burden resistor
- Output Power: Isolated 12VDC 200mA
- RF Interface: Z-Wave
- LED indicators
- Agency approval: FCC, ETL

Power Requirements

- 120v AC 60 Hz

Physical Specifications

- Dimensions: 102 x 67 x 50.8 mm (4 x 2.6 x 2 inches)
- Weight: 1 lb.

Ordering Information

Model: EM52-ZW    PN: 001-01958    Energy Meter with Z-Wave interface *

* CTs sold separately