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SOLUTIONS

Qlic E-METER 400

MULTI-CHANNEL ENERGY METER

The Qlic™ E-Meter 400 is a meter designed to fulfill the new ASHRAE 90.1-2016 requirements for energy monitoring. Energy monitoring data is available through the QView Data Visualization Dashboard. Qlic E-Meter 400 monitors electric loads by end-use: HVAC, interior/exterior lighting, receptacles, and other loads. It allows for a flexible wiring configuration to monitor up to 12 individual circuits.

The Qlic E-Meter can interface with Building Management Systems (BMS) via Modbus to BACnet converter.

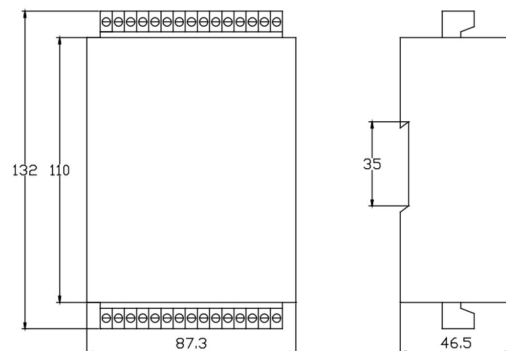


FEATURES AND BENEFITS

- Monitors up to twelve 1-phase circuits, four 2-phase circuits, or four 3-phase circuits
- Self-contained, rugged, DIN rail mountable enclosure saves significant installation costs
- Four Quadrant Energy Metering:
Delivered & Received: kWh, kVarh, kVAh
- Real-time Data: Voltage, Amps, phase angle, power factor, Watts, VARs, VA, and Hz
- Communication via Modbus RS485, compatible with optional BACnet converter
- Metered Voltage: Auto Ranging (120-480V)
- Meets ASHRAE 90.1-2016 requirements, ETL listed
- Three-year hardware warranty

DIMENSIONS

- WIDTH: 87.33mm (3.4")
- HEIGHT: 132mm (5.2")
- DEPTH: 46.5mm (1.8")
- WEIGHT: 1.0 lbs



SPECIFICATIONS

ELECTRICAL

- **Metering Reference Voltage:** 120–480 VAC, Wye, Delta, Network, Autoranging
- **Current Input Rating:** 100 mA
- **Current Input Configuration:** Four 3-phase meters, four 2-phase meters, twelve 1-phase meters
- **Four Quadrant Energy Metering:** Delivered & Received: kWh, kVarh, kVAh
- **Real-time Data:** Voltage, Amps, phase angle, power factor, Watts, VARs, VA, and Hz
- **Accuracy:** +/- 1% (kWh)
- **AUX (Input Supply) Voltage:** 120 – 240 VAC

METER COMMUNICATIONS

- Modbus RS485
- Optional Modbus to BACNet converter
- Optional wireless mesh radio (QRadio)

REGULATORY

- Meets ASHRAE 90.1–2016, ETL listed

ENVIRONMENTAL

- **Operational Temperature:** -15° C to 55° C
- Retrofit or new construction, indoor installation, dry non-condensing (RH 20%~95%)

DIMENSIONS, WEIGHT AND MOUNTING

- **Dimensions:** H x W x D = 132mm x 87.33mm x 46.5mm
- **Shipping Weight:** 1 lbs
- **Mounting:** Integrated DIN rail bracket

ORDERING INFORMATION

Part #: 76-QLIC-E-120480V-13

Description: Qlic E-Meter 400 monitors electric loads by end-use: HVAC, interior and exterior lighting, receptacles, etc.

Quadlogic Controls

Complete Submetering Solutions for New or Existing Construction

Quadlogic Controls designs and manufactures revenue-grade electrical submeters for tenant billing and energy management applications in residential and commercial buildings.

Deployed in mission-critical operations worldwide and compatible with leading property automation and information systems, Quadlogic submeters allow property managers and building owners to bill tenants while reducing energy consumption.

Quadlogic submetering solutions can be deployed in new or retrofit construction, easily integrating with existing building and financial systems.

Quadlogic's systems have been successfully deployed by property owners, submetering companies, building system integrators, and local distribution companies since 1984.

Quadlogic is a subsidiary of Metergy Solutions Inc., one of North America's most experienced submetering providers.

CONTACT QUADLOGIC AT 212-930-9300 OR SALES@QUADLOGIC.COM

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