PLC Smart Metering: The Easy Highrise Solution

The MiniCloset-5c (MC-5c) meter offers Quadlogic’s same reliable MiniCloset technology re-engineered into just one box. This small footprint saves space, while maintaining ease of installation and cost-savings. The MC-5c provides interval data as well as real-time power diagnostics by phase. All metering data is securely stored in a non-volatile flash memory.

- Proven Technology
- Easy Installation
- Energy Savings

Dimensions:
H45.7cm x W27.3cm x D15.2cm
(18.00"H x 10.75"W x 6.0"D)

Features

- Monitors up to 12 two-phase or 24 single-phase residential customers
- Utility grade kWh meter
- Built-in Power Line Communications (PLC) for remote meter reading
- Measurement Canada (AE-1148) and UL-C (E 204142) approved
- Uses 5 Amp CTs; remove only meter head for re-verification
- Interval data down to 5 minutes
- Event reporting (power downs, demand resets, tampers, etc.)
- Non-volatile flash memory
- Three-year manufacturer’s warranty
- Options: Modem/232/485, RS-485, Pulse data inputs (water, gas, BTU)

www.quadlogic.com
2-Phase Residential Wiring

For typical 120/280V 2-pole residential installations, the Quadlogic MiniCloset-5c (MC-5c) requires 2 CTs per apartment. The MC-5c can monitor up to a total of 12 apartments using 24 CTs (12 apartments x 2 CTs per apartment). Each CT will connect to the MiniCloset Interface Board (MCIB) which is in the enclosure. Installations will vary based on the configuration of the meter.

Model Numbers

The Residential MC-5c consists of a Meterhead and an Enclosure. Please select from the following catalog numbers. Required current transformers are sold separately.

- Meter Type: MC5c
- Volts: 120V
- H=CL10
- with option: M=Modem/232/485
- RS=RS-485
- P=Pulse Data Module

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<th>Single-Phase (Network) 3-Wire, 5Amp</th>
<th>Voltage</th>
<th>Meterpoints</th>
<th>Catalog #</th>
<th>Enclosure</th>
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<td>MC5c 120VX H 03R</td>
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- Add suffix –E to Enclosure when ordering Modem or RS-485.
- Single-phase and other models available. 12 and 24-point models available for 120/240V split-phase metering. Contact manufacturer.