



MiniCloset-5c Residential



Dimensions:

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

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*

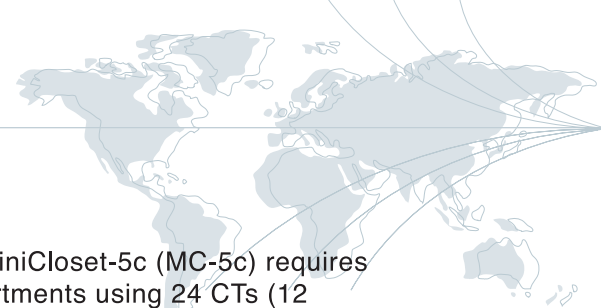
Features

25¹⁹⁸²⁻²⁰⁰⁷
ANNIVERSARY years

- 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)

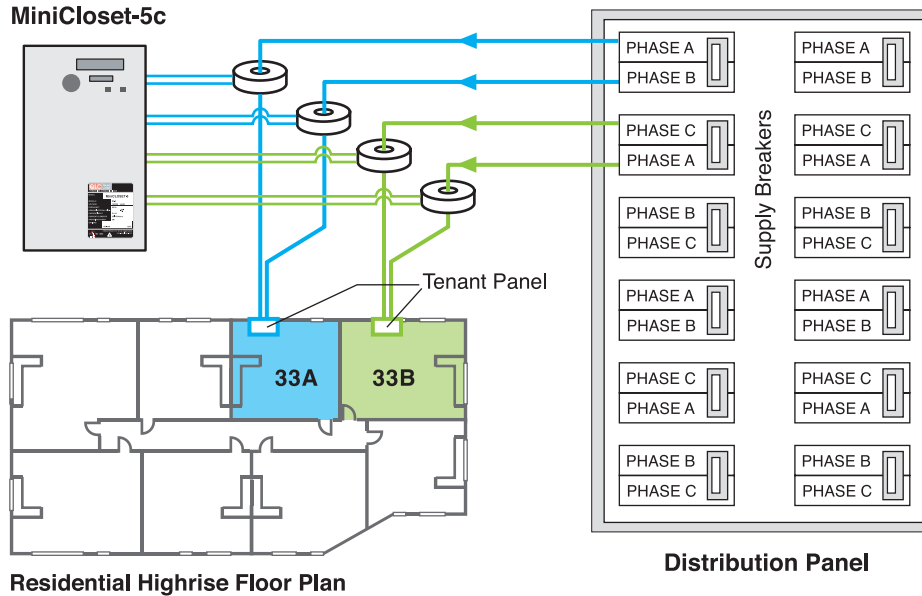
MiniCloset-5c

Multi-Tenant Meter



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 (MCI) 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.

of single phase loads monitored
 R = Residential two-pole (network), requires 2 CTs per meter point
 R1 = Residential single-pole, requires 1 CT per meter point

Meter Type Volts H=CL10 # of single phase loads monitored

MC5c 120VX H 09R with option: M=Modem/232/485
 RS=RS-485
 P=Pulse Data Module

| | Voltage | Meterpoints | Catalog # | Enclosure |
|---|----------|-------------|------------------|-------------------|
| Single-Phase (Network) 3-Wire, 5Amp Panel Service: 3P4W 120/208V | 120/208V | 3 | MC5c 120VX H 03R | MC5c BBA 120V CDN |
| | | 6 | MC5c 120VX H 06R | |
| | | 9 | MC5c 120VX H 09R | |
| | | 12 | MC5c 120VX H 12R | |

| | Voltage | Meterpoints | Catalog # | Enclosure |
|---|----------|-------------|--------------------|--------------------|
| Single-Phase 2-Wire, 5Amp Panel Service: 3P4W 240/416V | 240/416V | 6 | MC5c 240VYX H 06R1 | MC5c BBA 240VY CDN |
| | | 12 | MC5c 240VYX H 12R1 | |
| | | 18 | MC5c 240VYX H 18R1 | |
| | | 24 | MC5c 240VYX H 24R1 | |

- Add suffix for desired option (M=Modem/232/485, RS=RS-485, P=Pulse Data Module).
- 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.



QUADLOGIC

Tel (212) 930-9300

Fax (212) 930-9394

MC5c_Res_CDN_Rev2.0.R

www.quadlogic.com