

Trilliant® MiniCloset-5c Residential

PLC Smart Metering: The Easy Highrise Solution

The MiniCloset-5c (MC-5c) meter offers Trilliant'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.

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

2-Phase Commercial Wiring

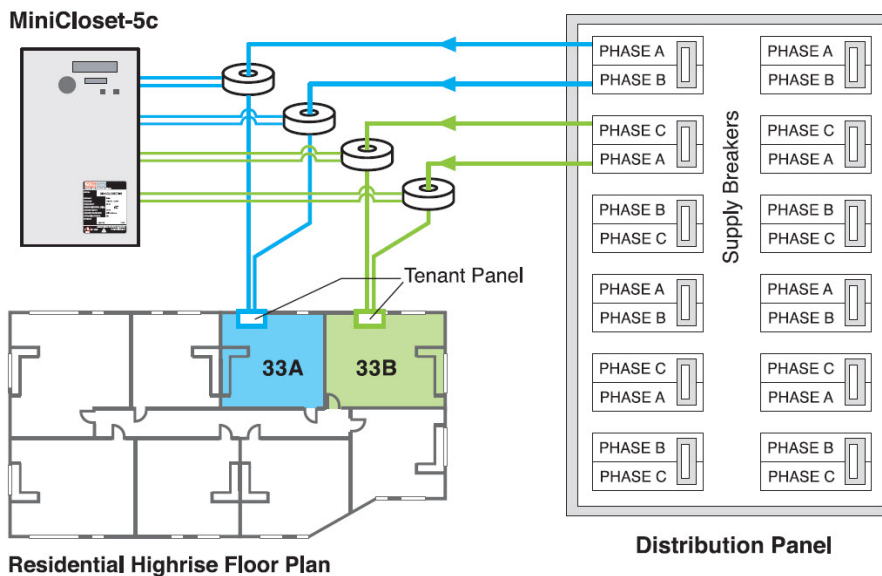
For typical 120/280V 2-phase residential installations, the MiniCloset-5c (MC-5c) requires 2 CTs per apartment. The MC-5c can monitor up to a total of 12 apartments using 24 CTs (12 apartments x 2 CTs per apartment). Each CT will connect to the MiniCloset Interface Board (MCI) which is in the enclosure.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



Trilliant® MiniCloset-5c Residential, Front View



Trilliant® MiniCloset-5c Residential, Opened



Dimensions

- H 45.7 cm x W 27.3 cm x D 15.2 cm
- H 18.00" x W 10.75" x D 6.0"

Options

- Modem/232/485
- RS-485
- Pulse data inputs (water, gas, BTU)

✓ Proven Technology

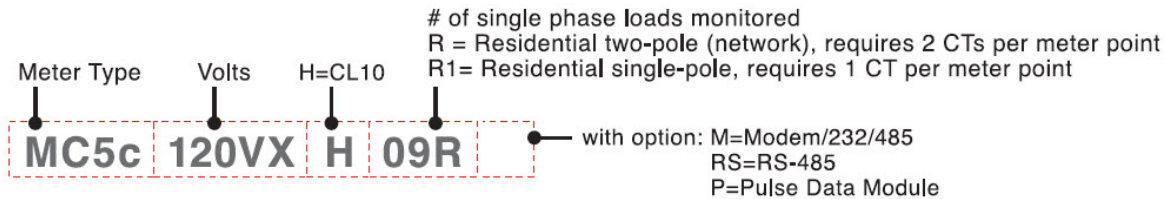
✓ Easy Installation

✓ Energy Savings & Demand Management

Trilliant® MiniCloset-5c Commercial

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.



	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.