

Trilliant® MiniCloset-5c Commercial

PLC Smart Metering: The Commercial Office and Retail Solution

The MiniCloset-5c (MC-5c) meter offers Trilliant's same reliable MiniCloset technology re-engineered into just one box.

The 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 8 three-phase commercial customers
- Utility grade kWh and demand 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

3-Phase Commercial Wiring

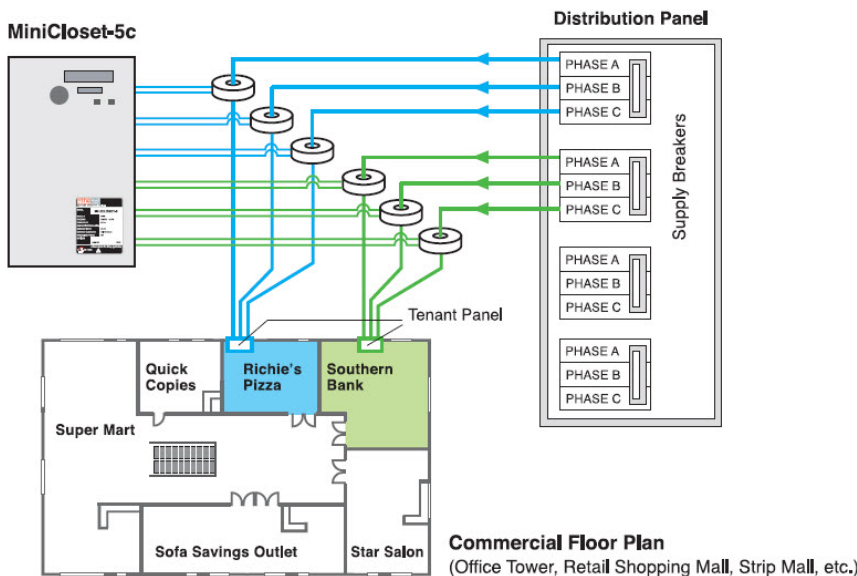
For typical 3-phase 4-wire commercial installations, the MiniCloset-5c requires 3 CTs per meter point (2 CTs per meter point for Delta configured MC-5c's). The MC-5c can monitor up to a total of 8 commercial meter points using 24 CTs (8 meter points x 3 CTs per point). Each CT will connect to the MiniCloset Interface Board (MCI) which is in the enclosure. Installations will vary based on the configuration of the meter.



Trilliant® MiniCloset-5c Commercial, Front View



Trilliant® MiniCloset-5c Commercial, 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

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Model Numbers

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

Meter Type Volts H=CL10 # of three-phase loads monitored, C = Commercial

MC5c **347VX** **H** **08C** with option: M=Modem/232/485
RS=RS-485
P=Pulse Data Module

3-Phase, 4-Wire WYE, 5Amp	Voltage	Meterpoints	Catalog #	Enclosure
	120/208V	6	MC5c120VX H 06C	MC5c BBA 120V CDN
	120/208V	8	MC5c120VX H 08C	MC5c BBA 120V CDN
	347/600V	6	MC5c347VX H 06C	MC5c BBA 347V CDN
	347/600V	8	MC5c347VX H 08C	MC5c BBA 347V CDN

3-Phase, 3-Wire DELTA, 5Amp	Voltage	Meterpoints	Catalog #	Enclosure
	600V	12	MC5c600VX H 12C	MC5c BBA 600V CDN

- Add suffix to Meterhead 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. Contact manufacturer.