Model PMC40DR

Power Monitoring & Control Contactor
Demand Response Version

- Internal power consumption 6W max
- Rating: 40Amp - 120, 208, 240, 277 Volts - 50/60 Hz
- 2 – 40 Amp Contactor Relays
- Local On / Off Control
- Power measurement with +/- 1% accuracy
- Relay control of unit via RF network
- LED network status indicator
- Push button switch for network enrollment
- Voltage: 120 / 208 / 240 / 277 volts, 50 / 60 Hz
- Agency approval: FCC, CSA c/us, ETL
- Nema-4X, 6P Enclosure
- Load Control Version. DR ON commands will turn De-energize the Load. DR OFF commands with Energize the Load.

Product Overview

The Power Monitor and Control Contactor can measure power consumption and control larger loads such as Pool / Spa Pump and heaters, Electric Water Heaters, HVAC systems, etc. The PMC4oDR is designed for Residential or Commercial installations.

RF Protocols Specifications

- Z-Wave: Metering, Switch, Association Command Classes Supported
  - Supports Z-Wave 4.5.2 Release and Network-Wide Inclusion

Power Requirements

- 120v / 208 / 240 / 277 VAC – 50/60 Hz

Dimensions

- Net: 7.5” X 6.5” X 4” – 1 lbs., 7 oz.
- Gross: 9” X 8” X 4” – 2 lbs.

Ordering Information

Model: PMC40DR-ZW   PN: 001-01742  PMC40 with Z-Wave Interface, Demand Response Version
PCM40DR-ZB   PN: 001-01743  PMC40 with ZigBee interface, Demand Response Version
Demand Response Version Wiring

240 / 277 VAC Configuration

240/277 VAC

[Diagram showing wiring connections for 240/277 VAC configuration]

Caution: Blue wire not used. Cap off with a wire nut.

Note: Demand Response Version has normally closed relays.
Z-Wave ON commands will Open both relays.
Z-Wave OFF commands will Close both relays.

120 VAC Configuration

[Diagram showing wiring connections for 120 VAC configuration]

Caution: Blue wire not used. Cap off with a wire nut.

Note: Demand Response Version has normally closed relays.
Z-Wave ON commands will Open both relays.
Z-Wave OFF commands will Close both relays.

Note: both the Black and White wires must be connected to provide power to the unit.