

PECO Part #994200

MFG:



The Most
Helpful Brand
In Car Washing

MOTOR CONTROL CENTER-SINGLE DOOR-460V@60HZ 50-250AMP



Description

Unit Description:

The **460 VAC MCC Single Door** unit will provide three-phase power control to the car wash tunnel. This MCC can handle a variety of starters of all sizes with a total system totaling **250AMPS**. From top to bottom, inside and out, the **Moeller Electric** has been engineered with your most demanding industrial needs in mind. The result is an increased flexibility and freedom in designing the system that meets your needs. This MCC unit features individual Starters wired to a terminal strip. All starters are comprised of an overload and contactor. The main enclosure is a NEMA 4 and has a main door Disconnect. This MCC is supplied with legs for easy installation.

MCC Structure Features:

- Nema 4 Enclosure with mounting legs.
- Main access Door is equipped with a disconnect for the main incoming power. This main Disconnect is A Thermal-Magnetic & Instantaneous Fuseless Current Limiting Solid State Disconnect.
- Ample wiring space and a clean layout make wiring simple.
- Each MCC has a three-lug design for main hook-up to the main disconnect. The owner must supply a three phase main disconnect for the MCC off the building main distribution panel.
- Panel to be UL Approved.
- Panel to have a 24VAC 100VA transformer.
- 24 VAC Transformer to be wired to (2) 16 amp & (1) 8 Amp Circuit Breakers, then wired to terminal strip.
- Panel to be marked with 10,000 SCCR(.

· **Specification:** Height: 66" (167.64cm)

Width: 37.5" (95.25cm)

Depth: 12" (30.48cm)

This is a typical size single door panel size may vary.

MCC Motor Starter (Contactors/Overloads) Features:

- All Starters are optional. Please order separately.
- All motor starters are comprised of contactors and overloads. Overloads are adjustable for individual amp needs. All starters to be 110 VAC control voltage.
- All overloads are solid state. No more fuses to worry about.
- All Overloads are lockable.
- Motor contactors control voltage to be wired to terminal strips.
- Motor overloads three phase to be wired to terminal strips. If allowable by code.
- All Motor Starter (Contactors/Overloads) to have name plate descriptions.
- All starters to have hand/off/auto switches. If purchased.

Specifications

PECO MCC Motor Control Center

Equipment Specification

Technical Data: Motor Control Center Single & Two Door Enclosure

Construction: Steel Nema 4 Enclosure

Length: 37.5" (.95 m) Single Door, 49" (1.24 m) Two Door

Height: 66" (1.68 m) Single Door, 75" (1.91 m) Two Door

Width: 11" (.28 m) Single Door, 13" (.33 m) Two Door

Vehicle Height Clearance: n/a

Water Input: n/a

Water Output: n/a

Electrical Requirements: 208vac/230vac/460vac/575vac@ 60 Hertz

Hydraulic Requirements: n/a

Air Requirements: n/a

Shipping Weight: 250+ lbs. (114+ kg) Depends on number of starters.

Controller Function: n/a

MCC208 = 10 starters max in Single Door Enclosure

MCC230 = 12 starters max in Single Door Enclosure

MCC460 = 18 starters max in Single Door Enclosure

MCC575 = 18 starters max in Single Door Enclosure

*If application requires more starters than listed, you must order a Two Door Panel.

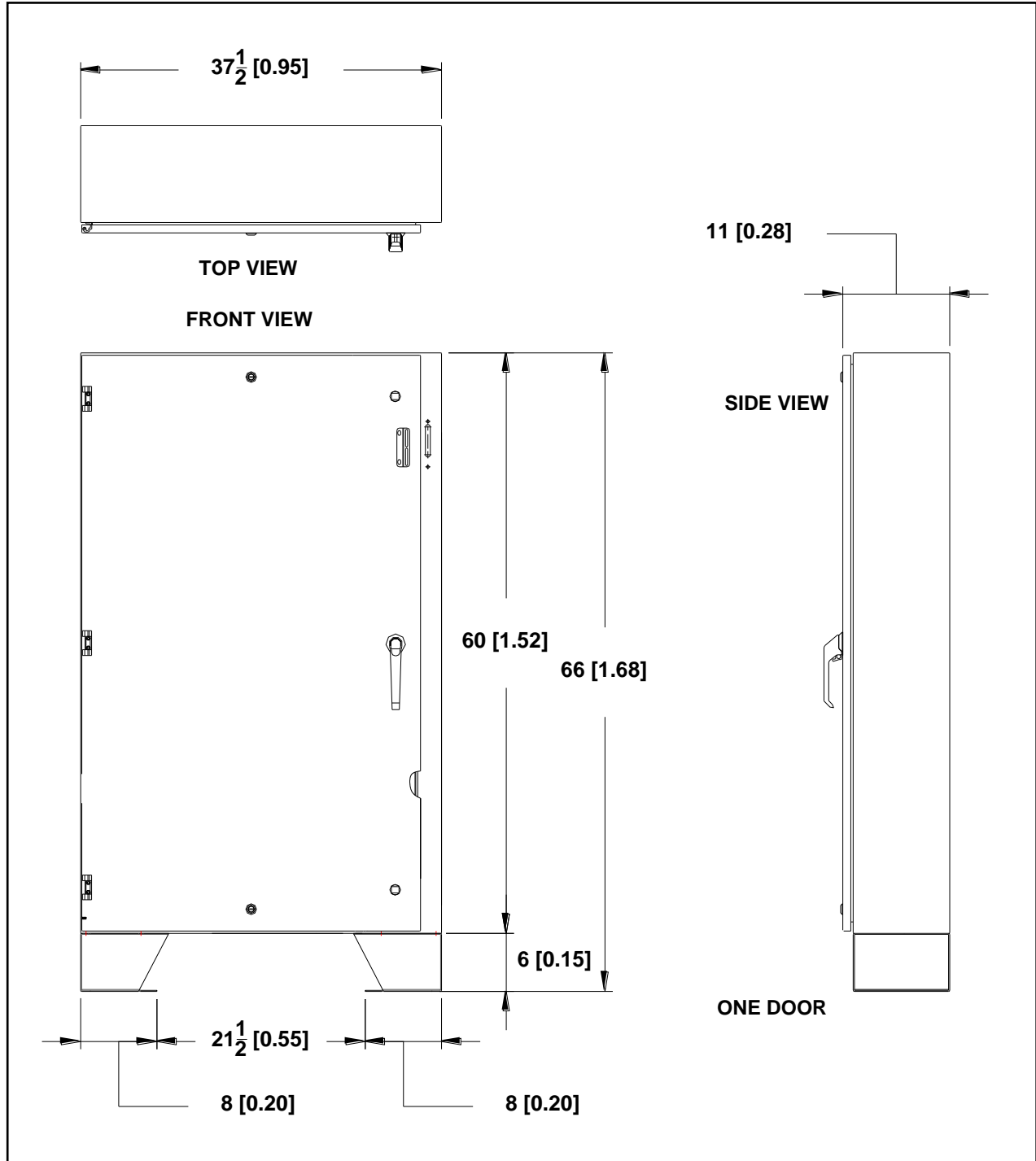
Short Circuit Current Rating is 10,000 amps (5,000 amps at 230VAC & 208 VAC)

If a higher **SCCR** is required by local codes, PECO must be informed prior to ordering this panel.

A (2) Door "Special" Panel will be used to accommodate the necessary components.

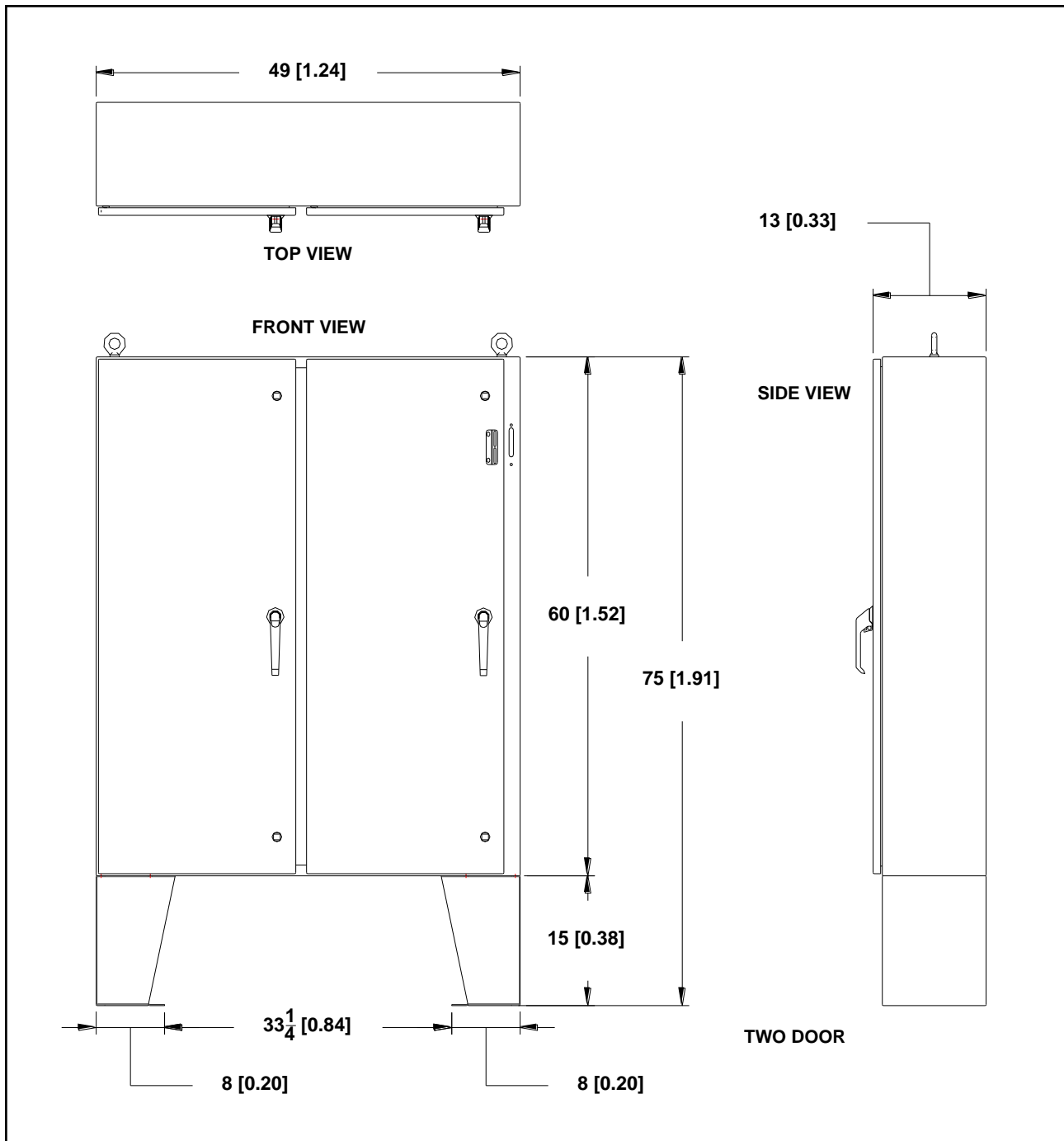
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USA – 1-248-299-5800**

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