

MPD-MDS-CB-480Y.277-3P-1600A-N3R-M1

1600A Switchboard w/ 1600A Main Circuit Breaker - 480Y/277 3PH, 4W, 60Hz - NEMA 3R

Product ID: 317775

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

MPD-MDS-CB-480Y.277-3P-1600A-N3R-M1 Industrial Switchboard

Unit Type: Switchboard with Main Circuit Breaker

Bus Max Amp Rating: 1600 Amps

Input: N/A

Fuses: N/A

Receptacles: Included, GFCI

Bus Voltage Rating: 480Y/277 AC Wye-N, 3PH, 60 Hz

Wiring Configuration: 4-Wire

Poles: 4-Poles

Max Available Fault Current (Rms): 30 kA

Minimum Interrupting Rating: 63 kA

Incomer Main Circuit Breaker Rating: 1600AF/1600AT 600V Rated Circuit Breaker

Incomer Current Transformer: Included, (3) 1600:5 Ratio, 0.3 Accuracy Class, 1.0 RF

Incomer Potential Transformer: Included

Outgoing(s): (4) 1600AF/1200AT Circuit Breakers

Protection: Ammeter Trip Unit, Long Time, Short Time, Instantaneous, Ground Fault, Over Current Trip Switch

Surge Protection Device: Included

Metering Device: Included

Display: Included, PV Meter Connected With 15A, 2P MCB

Aux Contacts: (4) Form C

Ratings/Features

NEMA Type 3R Enclosure

Rodent Barrier

24V Trip Unit Display Power

Certified to UL Dead front Switchboard Standards

Control Wire Type: SIS
Ground Bus: Aluminum
Neutral Bus: 100%
Thermostat: Included, Strip Type
Space Heaters: Included, Thermostatically Controlled
Terminal Blocks: Included
Contact Wear Indication: Visual
Ground Lug: Provided
Bussing: Aluminum Plated W/Tin And Copper Plated W/Silver
Enclosure Material: Coated Steel
Accessibility: Front Access
Entry Point: Left Of Lineup, Through The Bottom
Connection Type: Cable
Phase Wire Range: TBD
Enclosure Type/Rating: Non-walk-in NEMA 3R, Weatherproof
Enclosure Paint Color: ANSI 49
Mounting Type: Floor Mounted
Dimensions: 72.00" W X 35.5" D X 91.5"H
Weight: 1809.00 Lbs

Larson Electronics manufactures a wide variety of custom power distribution systems. The pictures displayed for this unit are a general representation of form factor and may not accurately represent this exact configuration in every detail due to being custom builds. The specifics for this configuration are listed in the specification table and one-line diagram.

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

The MPD-MDS-CB-480Y.277-3P-1600A-N3R-M1 from Larson Electronics is a Switchboard with Main Circuit Breaker for power distribution systems. This 1600-amp rated power distribution unit is compatible with three-phase 480Y/277V AC Wye-N, 60Hz. Equipped with an open-bottom configuration, the system is encased in a NEMA Type 3R enclosure that is painted ANSI 49.

The MPD-MDS-CB-480Y.277-3P-1600A-N3R-M1 AC is designed for power distribution in industrial facilities. This 4-wire unit operates with three-phase 480Y/277 Wye-N, 60Hz. With a 1600-amp system ampacity, the switchboard with circuit breaker has a 63 kA RMS short circuit rating and four, form c auxiliary contacts with visual contact wear indication. Protective features include: ammeter trip unit, long time, short time, instantaneous, ground fault, over current trip switch and rodent barrier. This system contains a 24V trip unit display power. The NEMA Type 3R unit comes with ground lugs and is painted ANSI 49.

Mount: The MPD-MDS-CB-480Y.277-3P-1600A-N3R-M1 can be securely mounted to any flat surface. This non-walk-in system is accessible through the front with a left of lineup through the bottom entry point.

Applications: Residential and light commercial applications, air conditioning units and any other power distribution systems that require overload breaker protection.

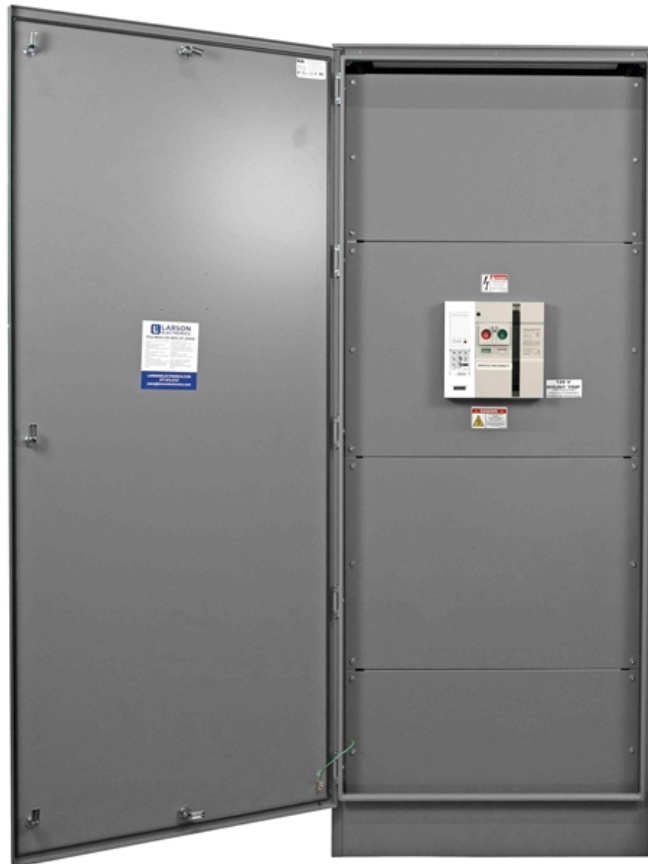
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Frequently Asked Questions (FAQ)









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