

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



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

Control Wire Type: SIS

Ground Bus: Aluminum

Ratings/Features

NEMA Type 3R Enclosure

Rodent Barrier

24V Trip Unit Display Power

Certified to UL Dead front Switchboard Standards

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.

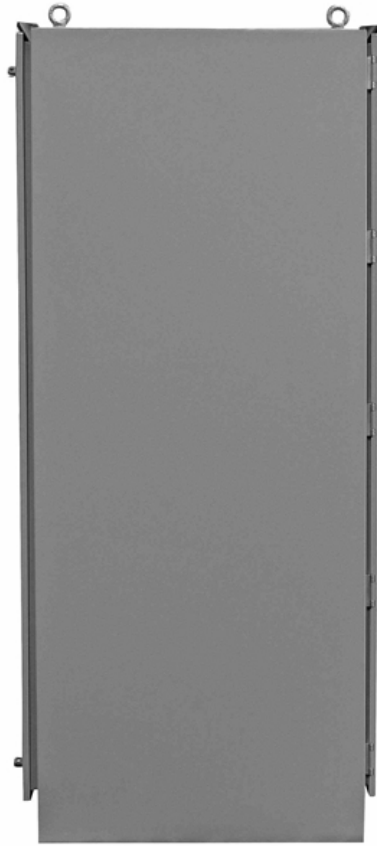
Mount: The MPD-MDS-CB-480Y.277-3P-1600A-N3R-M1 can be securely mounted to any flat surface. This non-walk-in system is accessible through the front with a left of lineup through the bottom entry point.

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

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.









Frequently Asked Questions (FAQ)