

MPD-MDS-CB-480V-3P-3000A-N1-M2

3000A Switchboard w/ 3000A Circuit Breaker - 480Y/277 3PH 4W, 60Hz - NEMA Type 1

Product ID: 316938



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-480V-3P-3000A-N1-M2 Industrial Switchboard

Unit Type: Switchboard with Circuit Breaker

Max Amp Rating: 3000 Amps

Input: -

Fuses: -

Receptacles: None

Voltage Rating: 480Y/277V AC Wye-N, 3PH 4W 60Hz

Wiring Configuration: 4-Wire

Max Available Fault Current (RMS): 65 kAIC

Main Circuit Breaker: 3000A

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

Aux Contacts: (4) Form C

Contact Wear Indication: Visual

Communication Protocol: Ethernet/IP Data

Ground Lug: Provided

Bus System Data: 3000A Silver Plated Copper Main Bus

(4) 0.25x2.00" Copper Busbar Per Phase

(3) 0.25x4.00" Copper Busbar Per Phase

(1) 0.25x1.25" Copper Ground Bus

Circuit Breaker Feeders: (5) 150A-3P, (1) 300A-3P, (1) 100A-3P, (2) 1200A-3P, (4) 400A-3P

Enclosure Material: -

Entry Point: Left of Lineup Through the Bottom

Ratings/Features

NEMA Type 1 Enclosure

Rodent Barrier

24V Trip Unit Display Power

Certified to UL Deadfront Switchboard Standards

Connection Type: Cable

Phase Wire Range: 3/0 - 750 kcmil

Accessibility: Front

Handling: Rollers and Lifting Assemblies

Enclosure Type/Rating: Non-walk-in NEMA 1

Enclosure Paint Color: ANSI 49

Mounting Type: Surface

Dimensions: 36.00" W X 47.5" D X 91.5"H

Weight: 1405 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-480V-3P-3000A-N1-M2 from Larson Electronics is a switchboard with a circuit breaker for power distribution systems. This 3,000-amp rated power distribution unit is compatible with three-phase 480Y/277 AC Wye-N, 60 Hz. Equipped with an open-bottom configuration, the system is encased in a NEMA Type 1 enclosure that is painted ANSI 49.

The MPD-MDS-CB-480V-3P-3000A-N1-M2 AC is designed for power distribution in industrial facilities. This 3-wire unit operates with three-phase 480Y/277 Wye-N, 60Hz. With a 3000-amp system ampacity, the switchboard with circuit breaker has a 65 kA RMS short circuit rating and four form C auxiliary contacts with visual contact wear indication. Protective features include an ammeter trip unit, long time, short time, instantaneous, ground fault, overcurrent trip switch, and rodent barrier. This system contains a 24V trip unit display power. The Type 1 unit comes with ground lugs and is painted ANSI 49.

Wiring: The MPD-MDS-CB-480V-3P-3000A-N1-M2 accepts cable connections with a phase wire range of 3/0 - 750 kcmil.

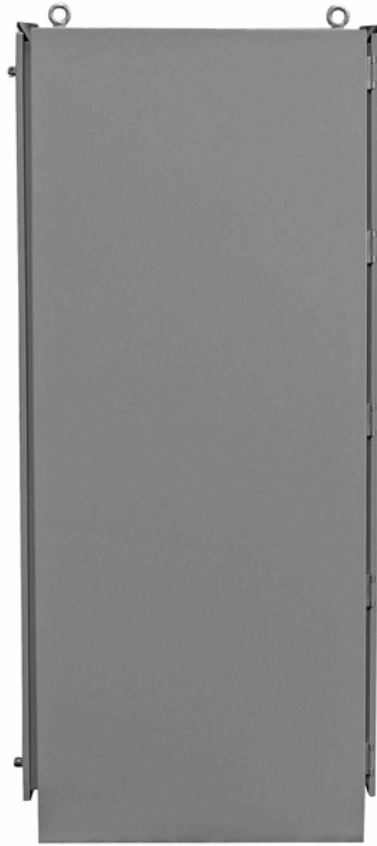
Mount: The MPD-MDS-CB-480V-3P-3000A-N1-M2 can be securely mounted to any flat surface. This non-walk-in system is accessible through the front with a left of the lineup through the bottom entry point.

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)