

MPD-MDS-CB-208Y.120-3P-2500A-N1

2500A Switchboard w/ 2400A Main Circuit Breaker - 208Y/120V 3PH, 4W, 60Hz - NEMA 1

Product ID: 334819

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



Image: MPD-MDS-CB-208Y.120-3P-2500A-N1

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-208Y.120-3P-2500A-N1 Industrial Switchboard

Unit Type: Switchboard with Main Circuit Breaker

Bus Max Amp Rating: 2500 Amps

Input: 120/208V Utility Service

Fuses: N/A

Receptacles: Included, GFCI

Bus Voltage Rating: 208Y/120 AC Wye-N, 3PH, 60Hz

Wiring Configuration: 4-Wire

Bus Max Available Fault Current (RMS): 100 kAIC

Incomer Main Circuit Breaker Rating: 2400AT/2500AF, 3P

Incomer Current Transformer: Included, (3) CTs for Utility Metering | CT Cabinet Section Included

Outgoing(s):

- Feeds to Panelboards (PP, LP, EM, etc.)
- Feeds to EMDP (600A)
- Feeds to ATS Units (60A–200A range)
- Feeds to Mechanical Loads & House Panels

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

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

Aux Contacts: Included (as required for coordination/ATS interface)

Ratings/Features

NEMA Type 1 Enclosure

Utility Metering Section (Con Edison Ready)

Suitable for Service Entrance Equipment

Certified to UL Dead front Switchboard Standards

Ground Bus: 1/4 x 2 IN copper, continuous over length of switchboard and solidly grounded to each vertical section structure

Temperature Rise: 65°C

Thermostat: Optional

Space Heaters: Optional

Terminal Blocks: Included

Contact Wear Indication: Visual

Ground Lug: Provided

Bus Material: Tin/Silver Plated Copper

Enclosure Material: Powder-Coated Steel

Entry Point: Front Access

Connection Type: Cable

Phase Wire Range: TBD

Enclosure Type/Rating: Non-Walk-In NEMA 1, Indoor

Enclosure Paint Color: ANSI 49

Mounting Type: Floor Mounted

Dimensions: TBD

Weight: TBD

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: 1-903-765-7664

E-mail: sales@larsonelectronics.com

The MPD-MDS-CB-208Y.120-3P-2500A-N1 from Larson Electronics is a Switchboard with Main Circuit Breaker for power distribution systems. This 2500-amp rated power distribution unit is compatible with three-phase 208Y/120V AC Grounded Wye, 60Hz. Equipped with a front-access configuration, the system is encased in a NEMA Type 1 enclosure that is painted ANSI 49.

The MPD-MDS-CB-208Y.120-3P-2500A-N1 AC is designed for power distribution in commercial and institutional facilities. This 4-wire unit operates with three-phase 208Y/120 Wye-N, 60Hz. With a 2500-amp system ampacity, the switchboard features a 2400AT/2500AF main circuit breaker and has a 65kA–100kA RMS short circuit rating (based on coordination study) with auxiliary contacts and visual status indication. Protective features include: electronic trip unit with long time, short time, instantaneous, and ground fault protection, as well as overcurrent protection. This system includes utility metering provisions with CT cabinet, copper bus construction and is painted ANSI 49.

Mount: The MPD-MDS-CB-208Y.120-3P-2500A-N1 can be securely mounted on a concrete pad or flat surface. This non-walk-in system is accessible through the front with top and/or bottom cable entry points for installation flexibility.

Applications: Commercial buildings, schools, institutional facilities, mechanical systems, lighting distribution, and emergency power systems that require reliable overload and fault 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)

There are no Fags



Image: MPD-MDS-CB-208Y.120-3P-2500A-N1



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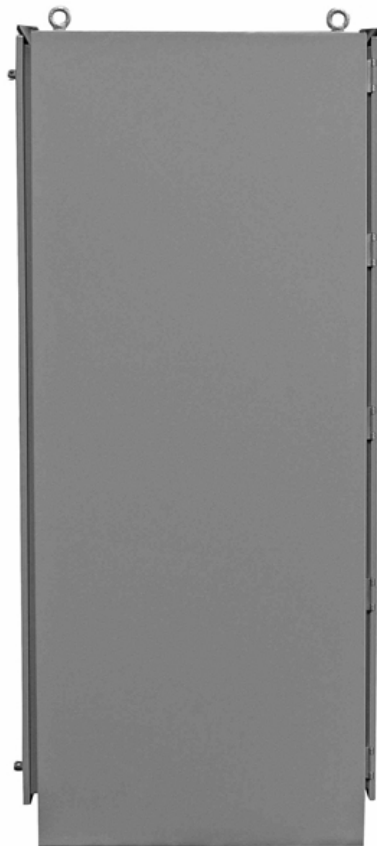


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Export Control Classification Number (ECCN): EAR99



Links (Click on the below items to view):

- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/334819.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/334819.JPG>)
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