

MPD-MDS-CB-208Y.120-3P-800A-N3R

800A Switchboard w/ 800A Main Circuit Breaker - 208Y/120 3PH, 4W, 60Hz - NEMA 3R

Product ID: 316923

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-208Y.120-3P-800A-N3R Industrial Switchboard

Unit Type: Switchboard with Main Circuit Breaker

Bus Max Amp Rating: 800 Amps

Input: N/A

Fuses: N/A

Receptacles: Included, GFCI

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

Wiring Configuration: 4-Wire

Poles: 3-Poles

Bus Max Available Fault Current (RMS): 42 kAIC

Incomer Main Circuit Breaker Rating: 800A

Incomer Current Transformer: Included, (1) 800:5 Ratio

Outgoing(s): (1) 30A, 3P MCCB, (16) 60A, 2P MCCB, (1) 20A, 2P MCCB, (1) 100A, 2P MCCB

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

Aux Contacts: (4) Form C

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: Included, Strip Type

Space Heaters: Included, Thermostatically Controlled

Ratings/Features

NEMA Type 3R Enclosure

Rodent Barrier

24V Trip Unit Display Power

Certified to UL Dead front Switchboard Standards

Terminal Blocks: Included

Contact Wear Indication: Visual

Ground Lug: Provided

Bus Material: Silver Plated Copper

Enclosure Material: Coated Steel

Entry Point: Front Access

Connection Type: Cable

Phase Wire Range: 3/0 - 750 kcmil

Enclosure Type/Rating: Non-walk-in NEMA 3R, Weatherproof

Enclosure Paint Color: ANSI 49

Mounting Type: Floor Mounted

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

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E-mail: sales@larsonelectronics.com

The MPD-MDS-CB-208Y.120-3P-800A-N3R from Larson Electronics is a Switchboard with Main Circuit Breaker for power distribution systems. This 800-amp rated power distribution unit is compatible with three-phase 208Y/120 VAC Grounded Wye, 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-208Y.120-3P-800A-N3R AC is designed for power distribution in industrial facilities. This 4-wire unit operates with three-phase 208Y/120 Grounded Wye, 60Hz. With a 800-amp system ampacity, the switchboard with circuit breaker has an 42kA 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.

Wiring: The MPD-MDS-CB-208Y.120-3P-800A-N3R accepts cable connections with a phase wire range of 3/0 - 750 kcmil.

Mount: The MPD-MDS-CB-208Y.120-3P-800A-N3R 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.

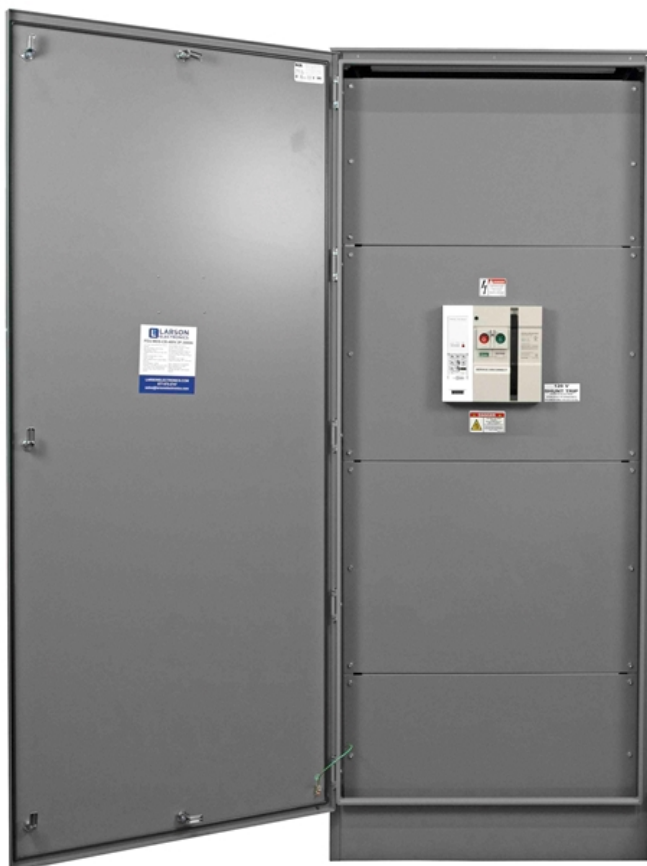
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Frequently Asked Questions (FAQ)









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