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MPD-MDS-CB-208Y.120-3P-1200A-N3R-M4

1200A Switchboard w/ 1200A Main Circuit Breaker - 208Y/120 3PH, 4W, 60 Hz - NEMA 3R w/ Metering and Current Transformer

Product ID: 319311

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-1200A-N3R-M4 Industrial Switchboard

Unit Type: Switchboard with Main Circuit Breaker
Bus Max Amp Rating: 1200 Amps
Receptacles: Included, GFCI
Bus Voltage Rating: 208Y/120 AC Wye-N, 3PH, 60Hz
Wiring Configuration: 4-Wire
Bus Max Available Fault Current (RMS): 65 kAIC
Incomer Main Circuit Breaker Rating: 1200A, 3P, Shunt Trip, w/ LSIG Trip Unit, w/ Meter - Panel #1
Incomer Current Transformer: Included, (3) 1500:5 Ratio
Incomer Metering: Included, Panel #1 - kWh Meter, 120Vac, 50/60Hz, 1500:5A, 3 w/ split-core CT 2.2" inner diameter, LCD kWh display, RS485 Modbus RTU, Accuracy +/- 1%
Outgoing(s): (1) 600A 3P CB w/ Current Transformer and Meter - Panel #4, (1) 400A 3P CB w/ Current Transformer - Panel #3 and Meter, (1) 200A 3P CB w/ Meter - Panel #2
Outgoing Current Transformer: Included, (9) 600:5 Ratio
Outgoing Metering: Included Multimetering - Panel #2 - kWh Meter, 120Vac, 50/60Hz, 600:5A, 3 w/ split-core CT 2.2" inner diameter, LCD kWh display, RS485 Modbus RTU, Accuracy +/- 1%; Panel #3 - Split-core current transformer (CT), 600:5A, Class 1 accuracy, frequency 50/60HZ, w/ digital display; Panel #4 - Split-core current transformer (CT), 600:5, Class 1 accuracy, frequency 50/60HZ w/ digital display;
Protection: Ammeter Trip Unit, Long Time, Short Time, Instantaneous, Ground Fault, Overcurrent Trip Switch
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
Service Entrance Rated
UL 891 Listed

Labels

Arc Flash and Shock Hazard Warning Identification, NEC Article 110.18

Neutral Bus: Included, 100%

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

Temperature Rise: 65^{o}C

Thermostat: Included, Strip Type

Space Heaters: Included, Thermostatically Controlled

Terminal Blocks: Included

Contact Wear Indication: Visual

Ground Lug: Provided

Bus Material: Silver Plated Copper

Accessibility: Front Access

Cable Entry: Bottom Entry

Connection Type: Cable, #600 kcmil

Deadfronts: Removable for Access to Components, Bus, and Wire Connections

Enclosure Material: #12 Gauge HRPO Steel

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

Enclosure Coating: Epoxy Powder Coated

Enclosure Paint Color: ANSI 61 Grey

Mounting Type: Floor Mounted

Dimensions: 140" W X 28" D X 90"H

Weight: 8500 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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The MPD-MDS-CB-208Y.120-3P-1200A-N3R-M4 from Larson Electronics is a Switchboard with Main Circuit Breaker for power distribution systems. This 1200-amp rated power distribution unit is compatible with three-phase 208Y/120 VAC, 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-1200A-N3R-M4 AC is designed for power distribution in industrial facilities. This 4-wire unit operates with three-phase 208Y/120, 60Hz. With a 1200-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: 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-1200A-N3R-M4 accepts cable connections with a phase wire range of (2) sets of 4C #500 kcmil per phase.

Mount: The MPD-MDS-CB-208Y.120-3P-1200A-N3R-M4 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.

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Frequently Asked Questions (FAQ)


CAUTION
HIGH VOLTAGE


CAUTION





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