Larson Electronics LLC
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MPD-MDS-CB-415Y.240-3P-1000A-N1-M1

1000A Switchboard w/ 1000A Main Circuit Breaker - 415Y/240 3PH, 4W, 60Hz - NEMA 1

Product ID: 342368

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



Image: MPD-MDS-CB-415Y.240-3P-1000A-N1-M1

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-415Y.240-3P-1000A-N1-M1 Industrial Switchboard

Unit Type: Switchboard with Main Circuit Breaker
Bus Max Amp Rating: 1000 Amps
Input: N/A
Fuses: N/A
Receptacles: Included, GFCI
Bus Voltage Rating: 415Y/240V AC Wye-N, 3PH, 60Hz
Wiring Configuration: 4-Wire
Poles: 3-Poles
Bus Max Available Fault Current (RMS): 65 kAIC
Incomer Main Circuit Breaker Rating: 900AT/1000AF, 100%-rated, 65 kA Fault Current, electronic LSIG trip (incl. ground fault), w/ shunt trip + aux contacts; digital V/A/Hz metering
Incomer Current Transformer: Included, (1) 1000:5 Ratio
Outgoing(s): (1) 800A/3P CB, (1) 400A/3P CB
Protection: 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, w/ neutral bus
Temperature Rise: 65°C
Thermostat: Included, Strip Type

Ratings/Features

NEMA Type 1 Enclosure, Indoor, Free-standing
Rodent Barrier
24V Trip Unit Display Power
Certified to UL Dead front Switchboard Standards

Space Heaters: Included, Thermostatically Controlled
Terminal Blocks: Included
Contact Wear Indication: Visual
Ground Bus: Included, Copper
Neutral Bus: Included, Copper
Bus Material: Copper
Enclosure Material: Coated Steel
Entry Point: Front Access
Connection Type: Cable
Phase Wire Range: #4/0 - 750 kcmil
Enclosure Type/Rating: NEMA 1, Indoor, Free-standing
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
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-415Y.240-3P-1000A-N1-M1 from Larson Electronics is a Switchboard with Main Circuit Breaker for power distribution systems. This 1000-amp rated power distribution unit is compatible with three-phase 415Y/240V AC Wye-N, 60Hz. 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-415Y.240-3P-1000A-N1-M1 AC is designed for power distribution in industrial facilities. This 4-wire unit operates with three-phase 415Y/240 Wye-N, 60Hz. With a 1000-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, overcurrent trip switch and rodent barrier. This system contains a 24V trip unit display power. The NEMA Type 1 unit comes with ground lugs and is painted ANSI 49.

Wiring: The MPD-MDS-CB-415Y.240-3P-1000A-N1-M1 accepts cable connections with a phase wire range of 3/0 - 750 kcmil.

Mount: The MPD-MDS-CB-415Y.240-3P-1000A-N1-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.

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Frequently Asked Questions (FAQ)

There are no Faqs

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