Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

MPD-CB-240V.120-3P-400A-N3R-M1

400A Switchboard w/ 400A Main Circuit Breaker - 240V/120 3PH, 4W, 60Hz - NEMA 3R - W/ Meter Door - W/ Pull Section - W/ Lug Landing Kit

Product ID: 316553

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-CB-240V.120-3P-400A-N3R-M1 Industrial Switchboard

Unit Type: Switchboard with Main Circuit Breaker
System Nominal Voltage: 240V/120, 3-phase, 4-wire, 60Hz
System Rated Voltage: 240V/120

System Configuration: Wye configuration, solidly grounded.

System Ampacity: 400A

Main Bus Rating/Material: 400A, Copper

Line Bus Bar Qty/Dimensions: (2) 0.25x2.00 inches copper bars per phase/neutral
Wiring Type: Machine Tool Wire type

Bus Max Available Fault Current (RMS): 65 kAIC @ 240V max.

Grounding: Ground lug provided for each device; copper ground bus

Incomer Main Circuit Breaker Rating: (1) 400AT/400AF Magnetic Circuit Breaker

Meter Door: Included, 15" High, w/ (15) Jaws, w/ (1) Meter Socket, w/ (1) Test Block

Pull Section: Included, Underground Type, Outdoor, NEMA 3R, 26"-W x 26"-D

Lug Landing Kit: Included, 800A Rated, For the Undergound Pull Section

Padlock Hasp: Included, Double Padlock Hasp for Mounting (2) Padlock on Rainproof Enclosure Door Handle

Incomer Current Transformer: Included, (1) 400:5 Ratio Per Each Phase

Max. Number of Spaces: (42)

Outgoing Feeder Breakers: -

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

Ratings/Features

NEMA Type 3R
Rodent Barrier
24V Trip Unit Display Power
Certified to UL Deadfront, suitable for use as Service Entrance
Complies with UL 891
Complies with National Electric Code
Complies with NEMA PB-2

Aux Contacts: (4) Form C

Thermostat: Included, Strip Type

Space Heaters: Included, Thermostatically Controlled

Terminal Blocks: Included

Contact Wear Indication: Visual

Enclosure Material: Coated Steel

Connection Type: Cable

Cable Entry: Top Feed

Handling: Rollers and rodent barriers

Installation Location: Outdoor

Enclosure Type/Rating: NEMA 3R free-standing

Enclosure Material: Coated Steel

Enclosure Paint Color: ANSI 49 Grey

Mounting Type: Floor Mounted

Dimensions: 36"W x 25.5"D x 90"H

Weight: -

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-CB-240V.120-3P-400A-N3R-M1 from Larson Electronics is a Switchboard with Main Circuit Breaker for power distribution systems. This 400-amp rated power distribution unit is compatible with three-phase 240V/120 3PH 4W, 60Hz. The system is encased in a NEMA 3R enclosure that is painted ANSI 49.
The MPD-CB-240V.120-3P-400A-N3R-M1 AC is designed for power distribution in industrial facilities. This 4-wire unit operates with three-phase 240V/120 3PH, 60Hz. With a 400-amp system ampacity, the switchboard has a 65 kA RMS short circuit rating, the circuit breaker has a 400-amp current 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-CB-240V.120-3P-400A-N3R-M1 accepts cable connections with a phase wire range of 3/0 - 750 kcmil.
Mount: The MPD-CB-240V.120-3P-400A-N3R-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 top 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.

CAUTION
ON - OFF
WARNING
LARSON
WARNING
WARNING
CAUTION
HIGH VOLTAGE

CAUTION
HIGH VOLTAGE

LARSON

Frequently Asked Questions (FAQ)