

MPD-PNL-3P-MLO-400A-480V-4X3P.MCCB-N3R

Power Distribution Panel - 480V AC 3PH - 400A MLO - (4) 3P MCCB - NEMA 3R

Product ID: 335450



Image: MPD-PNL-3P-MLO-400A-480V-4X3P.MCCB-N3R

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-PNL-3P-MLO-400A-480V-4X3P.MCCB-N3R Power Distribution Panel

Line In: Customer Provided

Max Primary OCP: 400A @ 480V

Panel: 400A 480V 3PH MLO N3R

Circuits: (4) Feeder Circuits

Breakers: (4) 3P MCCB (Backfeed Rated, Lockable Open)

Breaker Type: Bolt-on

Feed Type: Top or Bottom

Interrupting Rating: 14 kAIC

Operating Temperature: 40°C

Materials: Steel, Copper

Bus Material: Copper

Ground Bar Material: Aluminum (Bolted)

Form Factor: Floor-Mounted Panel on Unistrut Frame w/ Lockable Access

Input Wire Size: -

Dimensions: Approx. 80"H x 30"W x 12"D

Weight: -

Shipping Weight: 200 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.

Ratings

UL 1640 Power-Distribution Equipment

NEMA 3R Indoor or Outdoor Use

Made in the USA

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

All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

The Larson Electronics MPD-PNL-3P-MLO-400A-480V-4X3P.MCCB-N3R Power

Distribution Panel is designed for reliable, safe and convenient power distribution in industrial and inverter-based power systems. This 400-amp unit provides 480V three phase power via a main lug only (MLO) configuration. The power distribution panel allows operators to safely collect and distribute 480V AC power from multiple sources, including inverter outputs and utility connections.

****PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS****

The MPD-PNL-3P-MLO-400A-480V-4X3P.MCCB-N3R power distribution panel provides a safe and reliable way for operators in industrial settings to tap into and distribute power independently of the work area. The panel requires operators to provide their own line-in cables for use. Knockouts are provided for convenient installation of operator-supplied cables.

The panel is designed to operate with 480V three phase voltage. Power distribution is achieved through a 400-amp main bus with a main lug only configuration. The panel contains four 3-pole molded case circuit breakers that are UL listed for backfeeding and include provisions for locking in the open position, allowing them to function as disconnecting means for safe maintenance and lockout/tagout procedures. The system is rated for 14 kAIC interrupting capacity and is suitable for demanding industrial environments.

Enclosure Design: This power distribution panel is housed in a rugged NEMA 3R enclosure for protection against dust, dirt, and moisture in indoor and outdoor locations. Constructed of steel, the unit features a floor-mounted design on a Unistrut frame with a slim, rectangular profile. A lockable opening deters unauthorized access and tampering. We also offer similar power distribution panels on dolly carts with wheels, powder-coated cube frames with lifting eyelets/skid pockets, or stand-alone units with handles for faster deployment in temporary operations.

Certification: Larson Electronics is a UL 1640 panel shop and certified to build power distribution systems. All units are built in accordance with NFPA 70 (National Electrical Code) and certified to UL 1640. All equipment is NEMA 3R rated for indoor and outdoor use and provides a degree of protection against dirt, rain, and sleet. NEMA 4 and NEMA 4X enclosures are available upon request.

Grounding: The panel is bonded and grounded to the frame and includes a grounding lug for connection to earth ground. All grounding provisions comply with NEC Article 250 requirements.

Applications: This power distribution system is ideal for solar/inverter AC collection systems, industrial facilities, construction sites, plant maintenance, turnarounds, temporary power distribution, shipyard operations, and other applications requiring reliable multi-source power distribution.

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 Faqs