

MPD-PNL-3P4W-MCB-200A-480Y.277-2X3P.1X1P.MCCB-N3R

200A Main Circuit Breaker Power Distribution Panel, 480Y/277V, 3-Phase 4-Wire, (2) 3-Phase 125A + (1) Single-Phase 30A MCCB Branch Breakers, NEMA 3R

Product ID: 342092

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



Image: MPD-PNL-3P4W-MCB-200A-480Y.277-2X3P.1X1P.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-3P4W-MCB-200A-480Y.277-2X3P.1X1P.MCCB-N3R Power Distribution Panel **Made in the USA**

Line In: Customer Provided

Max Primary OCP: 200A @ 480Y/277V

Panel: 200A 480Y/277V 3PH 4W MCB N3R

Circuits: 3

Main: 200A 3P MCCB

Breakers: (2) 125A 3P MCCB, (1) 30A 1P MCCB

Breaker Type: Bolt-On

Feed Type: Top or Bottom

Interrupting Rating: -

Operating Temperature: 40°C

Materials: Steel, Copper

Bus Material: Copper

Ground Bar Material: Aluminum (Bolted)

Input Wire Size: (Customer-provided)

Dimensions: 36"H x 22.5"W x 8.75"D (estimated)

Weight: 200 lbs (estimated)

Features of Every Assembly

Bolt-On Breaker Construction

NEMA 3R Rated Enclosure, Indoor or Outdoor Use

Rectangular, Slim-Profile Enclosure w/ Lockable Opening

Ratings & Approvals

UL 1640 Power-Distribution Equipment

NEMA 3R Rated for Indoor and Outdoor Use

Shipping

Shipped on pallet or skid

Crated shipment available upon request

Final shipping configuration subject to approved design

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

Customer Compliance

Final arrangements, sizes, ratings, settings, configuration, and installation details will be finalized during detailed engineering review and customer approval prior to release for manufacture.

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.

Made in the USA

The Larson Electronics **MPD-PNL-3P4W-MCB-200A-480Y.277-2X3P.1X1P.MCCB-N3R** Power Distribution Panel is designed for reliable, safe and convenient power distribution at industrial work sites. This 200-amp unit provides 480Y/277V three-phase, four-wire power via a main circuit breaker panel. The power distribution panel provides operators the ability to safely tap into and distribute 480Y/277V AC power from a variety of sources including generators and direct grid power.

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

The **MPD-PNL-3P4W-MCB-200A-480Y.277-2X3P.1X1P.MCCB-N3R** power distribution panel provides a safe and reliable way for operators in industrial settings to tap into and utilize power sources independently of the work area. The power distribution panel requires operators to provide their own line-in cables for use. Knockouts are provided for convenient installation of operator-provided cables.

The panel is designed to operate with 480Y/277V three-phase, four-wire voltage. Power distribution for this panel runs through a 200-amp main circuit breaker panel. The main circuit breaker panel contains two 3-phase 125A molded case circuit breakers and one single-phase 30A molded case circuit breaker for branch distribution, with a solid neutral bus and grounded bar to support the 4-wire system.

Enclosure Design

This power distribution panel is housed in a space-saving NEMA 3R enclosure for protection against dust, dirt, and moisture in indoor and outdoor locations. Constructed of steel, the unit's slim, rectangular profile is compatible with plug-in mounting configurations. A lockable opening deters the possibility of 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 with handles for faster turnarounds and completion of temporary tasks.

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 Electric 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, water, and ice. NEMA 4 and NEMA 4X equipment can be equipped

upon request.

Grounding

A grounding lug is provided on the frame for the earth ground connection, supporting the neutral and grounding requirements of the 3-phase, 4-wire system.

Applications

This power distribution system is NEMA 3R rated and ideal for indoor/outdoor use and applications including but not limited to construction sites, plant maintenance, plant turnarounds, hazardous location operations, shows, exhibits, and shipyard operations.

Customer Compliance

The final arrangements, sizes, ratings, settings, configuration, and installation details of this equipment will be established in accordance with detailed engineering review, applicable project documentation, and customer approval prior to manufacture.

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.

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



Export Control Classification Number (ECCN): EAR99



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- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/342092.JPG>)
- **ISO 9001 Certification**(<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate**(<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
- **Shipping Time Map**(<https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf>)