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MPD-PNL-3P-MLO-600A-208Y.120-N3R

600A Main Lugs Only Terminal Box, 3-Phase, 208Y/120V, NEMA 3R

Product ID: 344323



Image: MPD-PNL-3P-MLO-600A-208Y.120-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-600A-208Y.120-N3R Terminal Box
Unit Type: Main Lugs Only Terminal Box

Main Rated Current: 600A
Bus Rated Current: 800A
Bus Voltage Rating: 208Y/120V AC Wye-N, 3-Phase (also rated 240/120V Delta AC)
Wiring Configuration: 4-Wire
Phase Configuration: 3-Phase In / 3-Phase Out
Service Feed Location: Underground or Overhead

Incoming/Outgoing Section
Line Lugs: (2) AWG 1/0 – 750 kcmil Al/Cu, per Phase
Neutral Lugs: (2) AWG 1/0 – 750 kcmil + (4) AWG 1/0 – 300 kcmil Al/Cu
Ground Lugs: (1) AWG 6 – 300 kcmil Al/Cu

Construction
Enclosure Material: Steel
Busbar Material: Aluminum
Mounting: Surface

Dimensions & Shipping
Overall Dimensions: 30.46"H x 17.15"W x 7.09"D
Approximate Weight: 47 lbs
Shipping Dimensions: TBD
Shipping Weight: TBD

Made in the USA

Features of Every Assembly
NEMA 3R Enclosure, Steel
Aluminum Busbar
Surface Mount

Ratings & Approvals
UL Listed Assembly
NEMA 3R Enclosure Rating

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

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Customer Compliance
This equipment is offered per the specifications and ratings detailed herein. Minor refinements to arrangement, dimensions, and installation details may be made during detailed engineering review to ensure proper fit, code compliance, and manufacturability, with any such refinements confirmed 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.

Made in the USA

The MPD-PNL-3P-MLO-600A-208Y.120-N3R from Larson Electronics is a main lugs only terminal box, designed for reliable incoming service termination in commercial and industrial power distribution systems.

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

This unit provides a 600A-rated main lugs connection on an 800A-rated aluminum busbar, serving as the primary incoming service termination point ahead of downstream metering and branch distribution equipment. The unit accepts three-phase, 208Y/120V, 4-wire service, with line lugs rated for 1/0 – 750 kcmil aluminum or copper conductors per phase, neutral lugs rated for a combination of 1/0 – 750 kcmil and 1/0 – 300 kcmil conductors, and ground lugs rated for 6 AWG – 300 kcmil conductors.

Construction & Enclosure
The unit is housed in a steel, NEMA 3R weatherproof enclosure suitable for surface-mounted outdoor or indoor installation, with an aluminum busbar throughout for reliable, high-capacity conductivity.

Applications
This terminal box is suitable for commercial buildings, multi-tenant facilities, and other power distribution systems requiring a dedicated incoming service termination point ahead of downstream metering and branch equipment.

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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