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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

MPD-PNL-1P-MLO-125A-120.240V-N1

Power Distribution Panel (Load Center) – 120/240V AC 1PH – 125A Main Lug Only – 20 Spaces/40 Circuits – Aluminum – NEMA 1

Product ID: 341909

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

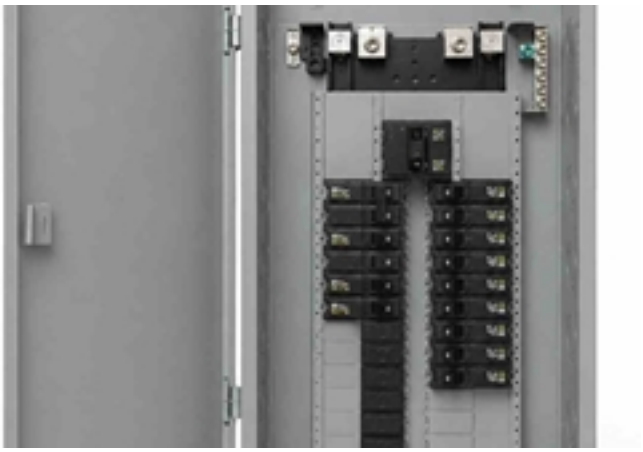

Image: MPD-PNL-1P-MLO-125A-120.240V-N1

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-1P-MLO-125A-120.240V-N1 Power Distribution Panel

Line In: Customer Provided
Max Primary OCP: 125A @ 120/240V AC
Panel: 125A 120/240V AC, 1-Phase, 3-Wire, Main Lug Only Load Center, NEMA 1
Spaces: 20
Circuits: 40
Breakers: (1) 20A 2-Pole, (3) 20A 1-Pole, (8) 20A 1-Pole
Panel Type: Main Lug Only Load Center
Breaker Type: Plug-On
Interrupting Rating: 22 kAIC
Materials: Steel Enclosure, Aluminum Bus
Bus Material: Aluminum
Ground Bar Material: Factory Installed
Form Factor: Rectangular Load Center with Door
Input Wire Size: #6–2/0 AWG Cu/Al
Dimensions: 24.4"H × 15.38"W × 3.79"D
Weight:
Shipping 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

Ratings

UL Listed Power-Distribution Equipment
NEMA 4X 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

specifics for this configuration are listed in the specification table and one-line diagram.

The Larson Electronics MPD-PNL-1P-MLO-125A-120.240V-N1 Power Distribution Panel is configured as a main lug only load center and is designed for reliable, safe, and convenient power distribution in residential, commercial, and light industrial environments. This 125-amp power distribution panel provides 120/240V AC, single-phase, three-wire power through a 125A main lug only load center, allowing operators to distribute power from utility sources, generators, or upstream distribution equipment.

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

The MPD-PNL-1P-MLO-125A-120.240V-N1 power distribution panel provides a secure and flexible method for tapping into and distributing electrical power. The panel features 20 spaces and 40 maximum circuits and accepts #6–2/0 AWG/kcmil copper or aluminum main conductors. The main lug configuration allows branch circuit breakers to be installed according to the application and panel configuration.

This power distribution panel operates at 120/240V AC, single-phase, three-wire, with power routed through a 125-amp main lug only. The panel provides a 10 kA minimum interrupt rating and is supplied with a combination indoor enclosure. The specific configuration includes (1) 20A 2-pole, (3) 20A 1-pole, and (8) 20A 1-pole circuit breakers.

Enclosure Design: The panel is housed in an indoor Type 1 enclosure designed for indoor electrical installations. The rectangular enclosure measures approximately 24.4" high × 15.38" wide × 3.79" deep.

Certification: This power distribution panel is UL Listed power distribution equipment and is manufactured in accordance with NFPA 70 (National Electrical Code) requirements. The NEMA 1 enclosure is suitable for indoor installations, with NEMA 3R and NEMA 4 enclosures available as optional upgrades.

Grounding: The panel is grounded to the frame and we provide a grounding lug on the frame for the earth ground.
~Please check all motor loads for dual rated motors that will work 208 or 240.~

Applications: s power distribution load center is suitable for indoor electrical distribution applications including commercial facilities, residential installations, equipment rooms, building services, and other applications requiring a compact main-lug-only load cent.

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.

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Frequently Asked Questions (FAQ)

There are no Faqs

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/341909.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)