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MPD-PNL-1P-MCB-400A-120.240V-30CKT-N4X

400A Power Distribution Panel, 120/240V 1-Phase Main Circuit Breaker Panel, (30) Circuits, NEMA 4X Stainless Steel Enclosure

Product ID: 344608

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



Image: MPD-PNL-1P-MCB-400A-120.240V-30CKT-N4X

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-MCB-400A-120.240V-30CKT-N4X — Power Distribution Panel

Line In: 120/240V 1PH 3W – Customer Provided
Interrupting Rating: 22 kAIC

Panel: 120/240V 1PH 3W 400A, Main Circuit Breaker, NEMA 4X

Circuits: 30
Main Breaker: 2-Pole, 400A, Top-Fed
Breaker(s): (3) 125A/2P, (18) 20A/1P
Metering: Included, On Each Breaker
Bus Material: Tin-Plated Aluminum
Neutral Bar: (1) Standard Bolted Aluminum Ground Bar (AL or CU Wire)
Ground Bar: (1) Standard Bolted Aluminum Ground Bar (AL or CU Wire)
Mount: Surface Mount

Dimensions & Shipping
Dimensions: 27"L x 15"W x 7"H
Weight: 39 lbs
Shipping Dimensions: TBD
Shipping Weight: TBD

Made in the USA

Ratings & Approvals
UL 1640 Electrical Power-Distribution Equipment
NEMA 4X Stainless Steel Enclosure — Satisfies Type 3R/4/4X/5/12 Requirements
Indoor or 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

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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.

The MPD-PNL-1P-MCB-400A-120.240V-30CKT-N4X from Larson Electronics is an Electrical Power Distribution Panel designed for reliable, safe, and convenient power distribution at industrial work sites. This 400-amp unit provides 120/240V single-phase power through a 400A/2-pole main circuit breaker and includes 30 circuit positions.

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

This electrical 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 panel requires operators to provide their own line-in cables, with knockouts provided for convenient installation.

The panel operates at 120/240V single-phase voltage, distributed through a 400A/2-pole, top-fed main circuit breaker, with metering included on each branch breaker.

Enclosure Design
This panel is housed in a NEMA 4X stainless steel enclosure, satisfying Type 3R/4/4X/5/12 requirements for protection against dust, dirt, moisture, and corrosive environments in indoor and outdoor locations. The unit's slim, rectangular profile is compatible with surface mounting configurations. A lockable opening deters tampering.

Certification
Larson Electronics is a UL 1640 panel shop and certified to build electrical and portable power distribution systems. All units are built in accordance with NFPA 70 (National Electric Code) and certified to UL 1640. The enclosure is rated for indoor and outdoor use.

Grounding
The panel is grounded to the frame, with a standard bolted aluminum ground bar provided for the earth ground.

Applications
This power distribution system is ideal for indoor/outdoor use in applications including construction sites, plant maintenance, plant turnarounds, hazardous location operations, and similar industrial power distribution needs.

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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

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/344608.JPG)
- **Video1**(https://www.youtube.com/watch?v=ZnD7chBGwvY)
- **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)