

MPD-PNL-1P-MCB-125A-220.127V-N1-26CKT

Electrical Power Distribution Panel – 220/127V 1PH/3W – 125A MCCB – IP42 – (26) Circuits

Product ID: 327278

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



Image: MPD-PNL-1P-MCB-125A-220.127V-N1-26CKT

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-125A-220.127V-N1-26CKT Electrical Power Distribution Panel

Line In: 220/127V 1PH/3W

Interrupting Rating: 6 kAIC

Panel: 220/127V 1PH/3W – 125A Main Circuit Breaker - NEMA 1 IP42

Circuits: 26 Total (22 Active + 4 Spare)

Main Breaker: 3-pole, 125A

Breaker(s): (4) × 16A 1P [127V], (12) × 20A 1P [127V], (4) × 20A 1P [127V], (4) Spare circuit positions, (4) × 20A 2P [220V], (4) × 2-pole, 25A, 30 mA sensitivity (RCDs)

Outlet(s): N/A

Bus Material: Tin-plated aluminum

Main Busbar: 140A

Neutral Bar: Included, 140A (Isolated from ground)

Ground Bar: Included

Busbar Protection: Polycarbonate high-impact shield

Mount: Surface Mount

Dimensions: 27"-L x 15"-W X 7"-H

Weight: 39 lbs

Larson Electronics manufacture 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 Electrical Power-Distribution Equipment

NEMA 1 Indoor Use

Made in the USA

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

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 MPD-PNL-1P-MCB-125A-220.127V-N1-26CKT from Larson Electronics is an Electrical Power Distribution Panel designed for safe, reliable, and organized power distribution in industrial and commercial facilities. This 125-amp unit provides 220/127V single-phase (3-wire) power through a 125A molded case main circuit breaker, with a total of 26 circuit spaces (22 active + 4 spare). The panel is built to Petrobras specifications and is ideal for fixed indoor installations requiring high durability, clear circuit separation, and enhanced personnel safety.

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

Operation:

- Voltage: 220/127V 1PH 3W
- Panel: 220/127V 1PH/3W – 125A MCCB – IP42 Indoor NEMA 1
- Breaker(s): (4) × 16A 1P (127V), (12) × 20A 1P (127V), (4) × 20A 2P (220V), (4) Spare positions
- RCDs (DRs): (4) × 25A, 2-pole, 30 mA
- Primary Outlet(s): N/A

*See specification table at the top of the page for more information about the power distribution system.

The MPD-PNL-1P-MCB-125A-220.127V-N1-26CKT 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 PNL series of electrical power distribution panels requires operators to provide their own line-in cables for use. Knockouts are provided for convenient installation of operator provided cables.

Designed to operate on 220/127V, this power distribution panel routes power through a 125-amp main circuit breaker into multiple 1-phase and 2-phase circuits. The panel includes a neutral bar, ground bar, surge protection interface, and polycarbonate busbar shielding for enhanced safety.

Enclosure Design: This electrical power distribution panel is housed in a space-saving NEMA 1 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 portable 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 electrical and portable power distribution systems. All units are built in accordance to NFPA 70 (National Electric Code) and certified to UL 1640. All equipment is NEMA 1 rated for indoor use and provide a degree of protection against dirt, water, and ice. NEMA 3R, NEMA 4 and NEMA 4X

equipment can be equipped upon request.

Grounding: Transformer 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: This power distribution system is NEMA 1 rated and ideal for indoor use and applications including but not limited to; construction sites, plant maintenance, plant turnarounds, hazardous location operations, shows, exhibits, and shipyard operations.

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 Fags



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Links (Click on the below items to view):

- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/327278.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>)
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