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MPD-PNL-DC-MCB-225A-250VDC-1X2P.MCCB-60CKT-N1

Power Distribution Panel - 250V DC - 225A MCCB - (1) 2P 225A MCCB, (60) Circuits - NEMA 1

Product ID: 339864

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



Image: MPD-PNL-DC-MCB-225A-250VDC-1X2P.MCCB-60CKT-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-DC-MCB-225A-250VDC-1X2P.MCCB-60CKT-N1 Power Distribution Panel

Line In: Customer Provided
Max Primary OCP: 225 Amps
Panel: 225A 250V DC 2W MCCB N1
Main Breaker: (1) 225A 2-Pole MCCB
Circuits: 60
Breakers: Bolt-On Branch Breakers
Branch Breakers: Bolt-On Branch Circuit Breakers (Customer Specified)
Breaker Type: Thermal Magnetic
Feed Type: Vertically Mounted Top Feed
Interrupting Rating: 10 kAIC Minimum
Operating Temperature: 40°C
Materials: Steel, Copper
Bus Material: Copper
Ground Bar Material: Copper (Bolted)
Form Factor: Rectangular Enclosure with Lockable Door
Input Wire Size: TBD
Dimensions: TBD
Weight: TBD
Shipping Weight: TBD

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

Ratings

NRTL Listed for UL 67 Panelboards
NEMA 1 Indoor 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
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*All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic

accurately represent this exact configuration in every detail due to being custom builds. The Code section 250* specifics for this configuration are listed in the specification table and one-line diagram.

The Larson Electronics MPD-PNL-DC-MCB-225A-250VDC-1X2P.MCCB-60CKT-N1 Power Distribution Panel is designed to provide reliable, safe, and convenient distribution of 125V DC station power in utility substations, industrial facilities, and power generation applications. This 225-amp unit utilizes a 250V DC-rated, 2-pole molded case circuit breaker (MCCB) as the main disconnect and provides distribution to 60 branch circuit spaces for protection, control, communication, and auxiliary equipment.

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

The MPD-PNL-DC-MCB-225A-250VDC-1X2P.MCCB-60CKT-N1 power distribution panel provides a safe and dependable method of distributing station battery power to critical DC loads. The panel is designed for customer-supplied line connections and includes provisions for convenient field wiring. The 250V DC-rated panelboard is suitable for operation on 125V DC station battery systems, providing additional voltage margin while maintaining compliance with utility industry practices.

Power distribution is accomplished through a 225-amp, 2-pole molded case circuit breaker (MCCB) feeding a panelboard with 60 bolt-on branch circuit breaker spaces. Branch circuit breakers are customer specified to accommodate the individual protection requirements of connected equipment.

Enclosure Design: This power distribution panel is housed in a NEMA 1 steel enclosure intended for indoor installations. The enclosure features a slim, rectangular profile with a lockable front door to help prevent unauthorized access while providing convenient maintenance access. The panel is designed for surface mounting with a vertically mounted top feed configuration. Alternate enclosure types, including NEMA 3R, NEMA 4, and NEMA 4X, are available upon request.

Certification: All units are manufactured in accordance with applicable NFPA 70 (National Electrical Code) requirements and are NRTL Listed to UL 67 for Panelboards. The enclosure is NEMA 1 rated for indoor use. Custom configurations are available to meet specific customer and project requirements.

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.

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Frequently Asked Questions (FAQ)

There are no Faqs

Export Control Classification Number (ECCN): EAR99

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