

MPD-PB-XX-3P-400A-600V

400A, 3-Pole Circuit Breaker, 600V Rated, for Panelboard Replacement

Product ID: 342148

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



Image: MPD-PB-XX-3P-400A-600V

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-PB-XX-3P-400A-600V Panelboard Circuit Breaker

Unit Type: Molded Case Circuit Breaker, Bolt-On

Voltage: 600V Rated, 3-Phase, 3-Wire

Frame Size: 400A

Interrupting Rating: 65kAIC RMS Symmetrical

Trip Unit: Adjustable Thermal-Magnetic, 350A Rating Plug

Long-Time Pickup: Adjustable, 5–10× In

Trip Unit Ambient Rating: 40°C

Poles: 3

Mounting: Fixed, Bolt-On

Bus Material: Copper

Construction

Frame: Industrial Molded Case Design

Wire Terminals: Compatible with Existing Panel Terminal Lugs

Enclosure Compatibility: NEMA 3R Rainproof Switchboard

Dimensions & Shipping

Overall Dimensions: 5.9 in W × 5.7 in D × 10.1 in H (approx. - replacement)

Approximate Weight: 10 lbs (estimated)

Made in the USA

Features of Every Assembly

Industrial Circuit Breaker Frame

Bolt-On Mounting, Compatible with Existing Switchboard Bus

Thermal-Magnetic Adjustable Trip Unit

Push-to-Trip Test Function

UL Listed Industrial Circuit Breaker

Suitable for Use on AC Systems, 50/60Hz

Compatible with Existing NEMA 3R Metal-Enclosed Switchboard

Shipping

Ratings & Approvals

Shipped on pallet or skid



Shipping Dimensions: TBD

Shipping Weight: TBD

Crated shipment available upon request

Final shipping configuration subject to approved design

Special Features

Bolt-On Replacement Breaker, Compatible with Existing Panel Series Rating

Special Orders – Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

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 applicable drawings.

The Larson Electronics MPD-PB-XX-3P-400A-600V is a bolt-on replacement molded case circuit breaker designed for reliable, safe, and convenient overcurrent protection in existing metal-enclosed switchboards. This 400-amp, 3-pole breaker is rated 600V and carries a 65,000A RMS symmetrical interrupting rating, suitable for direct replacement within existing NEMA 3R rated distribution equipment.

The **MPD-PB-XX-3P-400A-600V** industrial circuit breaker is designed for bolt-on installation into compatible existing switchboard bus structures, providing a like-for-like replacement path for aging or damaged breaker frames. The breaker features an adjustable thermal-magnetic trip unit with a 350A rating plug and long-time pickup adjustable from 5 to 10 times the rated current, rated for operation at a 40°C ambient temperature. A push-to-trip test function allows for verification of the trip mechanism without energizing the circuit.

Operation

The breaker provides manual on/off control via a front-mounted operating handle, with trip-free operation ensuring the breaker cannot be held closed against an active fault condition. The adjustable trip unit allows field calibration to match the specific coordination requirements of the installed system.

Construction

This industrial molded case breaker frame is constructed for compatibility with existing panel terminal lugs and bus configurations, supporting direct replacement without modification to the surrounding switchboard structure.

Ratings & Compatibility

This breaker is UL listed for industrial circuit breaker applications and suitable for use on AC systems at 50/60Hz. It is compatible with existing NEMA 3R metal-enclosed, rainproof switchboard construction, matching the frame size and interrupting rating of the units it is intended to replace to preserve the switchboard's established series-rating basis.

Customer Compliance

The final arrangements, sizes, ratings, settings, configuration, and installation details of this equipment will be established in accordance with detailed engineering review, applicable project documentation, and customer approval prior to manufacture.

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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):

- **Dimensional Drawing 2D** (<https://www.larsonelectronics.com/images/product/DimensionalDrawing/342148.PDF>)
- **HigResPic1** (<https://www.larsonelectronics.com/images/product/HigResPic1/342148.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>)