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MPD-CB-100A-120.240V-2P-42K-SP10002

100A, 2-Pole Miniature Circuit Breaker, 120/240V AC, 42kA, Plug-In Mount

Product ID: 344330

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

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-CB-100A-120.240V-2P-42K-SP10002 Circuit Breaker
Unit Type: Miniature Circuit Breaker

Current Rating: 100A
Number of Poles: 2-Pole
Voltage Rating: 120/240V AC
Interrupt Rating: 42kA at 120/240V AC
Mounting Type: Plug-In
Circuit Breaker Type: Standard
Panel Spaces Occupied: 2

Construction
Wire Size Range: 4 AWG – 2/0 AWG, Copper or Aluminum
Tightening Torque: 49.6 lbf.in (5.6 N.m)
Ambient Operating Rating: Up to 104°F (40°C)

Dimensions & Shipping
Overall Dimensions: 3.5"H x 2.2"W x 2.9"D
Approximate Weight: 0.69 lbs (per unit)
Shipping Dimensions: TBD
Shipping Weight: TBD

Made in the USA

Features of Every Assembly
HACR Rated
Pressure Plate Electrical Connection
Plug-In Mounting for Simplified Installation

Ratings & Approvals
UL Listed, CSA Certified
HACR Rated

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
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

Customer Compliance
This equipment is offered per the specifications and ratings detailed herein. Minor refinements to arrangement, dimensions, and installation details may be made during detailed engineering review to ensure proper fit, code compliance, and manufacturability, with any such refinements confirmed prior to 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.

Made in the USA

The MPD-CB-100A-120.240V-2P-42K-SP10002 from Larson Electronics is a miniature circuit breaker, designed for reliable single-phase branch circuit protection in commercial and residential-style metering applications.

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

This breaker is rated for 100A, 2-Pole, 120/240V AC service, with a 42kA interrupt rating and standard circuit breaker construction. It features plug-in mounting for simplified installation into a compatible panel interior, occupying 2 panel spaces, and pressure-plate electrical connections accepting 4 AWG to 2/0 AWG copper or aluminum conductors.

Construction
The breaker is HACR rated and UL Listed/CSA certified, suitable for ambient operating conditions up to 104°F (40°C).

Applications
This breaker is suitable for commercial and multi-tenant metering applications requiring reliable 100A single-phase branch circuit protection, intended for installation within a compatible metering branch unit.

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At Larson Electronics, we do more than meet your power distribution needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any distribution 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 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):

- **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)