

MPD-MDS-CB-900V-3P-2000A-NC

2000A AC Circuit Breaker – 900V, 3-Pole, Fixed, Open-Type

Product ID: 327349

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



Image: MPD-MDS-CB-900V-3P-2000A-NC

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-MDS-CB-900V-3P-2000A-NC AC Circuit Breaker

Unit Type: AC Power Circuit Breaker (Open Type)

Bus Max Amp Rating: N/A (Breaker Only)

Input: N/A

Fuses: N/A

Receptacles: Included

Bus Voltage Rating: 900V Max, 3PH, 60Hz

Wiring Configuration: 3-Wire

Poles: 3-Poles

Interrupting Rating: 65 kAIC @ Rated Max Voltage

Short-Time Rating: 65 kA

Breaker Rated Current: 2000A

Breaker Design Type: Fixed Type (Non-Drawout)

Trip Unit: Electronic Trip – L/S/I (Long Time, Short Time, Instantaneous)

Protection: Long Time, Short Time, Instantaneous

Display: N/A

Included Accessories:

- Shunt Trip Coil (24 VDC)
- Closing Coil (24 VDC)
- Undervoltage Release (24 VDC)

Ratings/Features

Certified to UL 1066

Fixed Mounted UL489



- Spring Charging Motor (230 VAC)
- Remote Reset (230 VAC)
- Auxiliary Contacts: 3 NO and 3 NC
- Key Lock (1)
- Lockable ON/OFF Button Cover (1)

Ground Fault: Not Included (UL Config C – LS/I Only)

Ground Bus: N/A (Breaker Only)

Temperature Rise: Per UL 1066 Standard

Incoming Lug: By Installer (Breaker Rear Terminals)

Ground Lug: N/A

Bus Material: N/A

Enclosure Material: N/A

Entry Point: N/A (Open-Type Breaker)

Connection Type: Rear Vertical Connections

Phase Wire Range: By Installer (Based on 2000A Rating)

Enclosure Type/Rating: N/A

Enclosure Finish: N/A

Mounting Type: Floor Mounted

Dimensions: 21.65" x 18.11" x 19.69"

Weight: 154.32 lbs

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.

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

The MPD-MDS-CB-900V-3P-2000A-NC from Larson Electronics is an open-type AC power circuit breaker designed for integration inside industrial power conversion or switchgear systems. This 2000-amp rated breaker is compatible with three-phase systems up to 900V maximum, 60Hz. As an open device, this unit does not include an enclosure and is intended for installation within a customer-supplied cabinet or switchboard structure.

The MPD-MDS-CB-900V-3P-2000A-NC AC circuit breaker is designed for overcurrent protection and controlled power switching in industrial PCS and electrical distribution equipment. This 3-wire, 3-pole unit features a 65 kA interrupting rating at its rated maximum voltage. The breaker utilizes an electronic trip unit with Long-Time, Short-Time, and Instantaneous (L/S/I) functions, providing essential protection without ground-fault sensing, as required by Configuration C. Standard accessory features include a 24VDC shunt trip coil, 24VDC closing coil, 24VDC undervoltage release, 230VAC spring-charging motor, remote reset, key lock, and a lockable ON/OFF handle cover. The device also includes three normally open and three normally closed auxiliary contacts for remote status signaling.

Mount: The MPD-MDS-CB-900V-3P-2000A-NC is a fixed-type, non-drawout circuit breaker intended for integration into existing or custom power systems. The unit features rear, vertical power connections and must be installed into a properly rated electrical enclosure or switchgear assembly provided by the customer or system integrator. All line and load terminations are made at the rear terminals and require field-supplied lugs based on the 2000-amp rating.

Applications: Industrial power conversion systems, PCS/ESS installations, heavy electrical machinery, distribution panels, MCC rooms, and any application requiring a 2000-amp, non-fused, open-type AC circuit breaker with L/S/I protection functions.

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 Faqs



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Export Control Classification Number (ECCN): EAR99



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