Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

## MPD-MES-VCB-3P3W-1-15KV-2000A-40K-DO-M1

# Vacuum Circuit Breaker, Drawout, 3-Phase 3-Wire, 15kV Class, 2000A, 40kA — Cell Replacement Breaker

**Product ID: 341500**

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



Image: MPD-MES-VCB-3P3W-1-15KV-2000A-40K-DO-M1

**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-MES-VCB-3P3W-1-15KV-2000A-40K-DO-M1 Vacuum Circuit Breaker, Cell Replacement**
**Unit Type:** Draw-Out Vacuum Circuit Breaker (Cell Replacement/OEM Retrofit)

**Configuration:** 3-Phase, 3-Wire
**Voltage Rating:** 15kV Class
**Frequency:** 60Hz
**Continuous Current Rating:** 2000A
**Short Circuit Rating:** 40kA Symmetrical
**BIL Rating**: 95kV
**Mounting Style:** Draw-Out Type
**Insulation:** Glass/Polyester (Glastic) Bushings

**Dimensions & Shipping**
**Overall Dimensions:** 40 in W × 70 in D × 78 in H (estimated)
**Approximate Weight:** 1,500 lbs (estimated)
**Shipping Dimensions:** TBD
**Shipping Weight:** TBD

**Made in the USA**

**Features of Every Assembly**
Draw-out vacuum interrupter construction
Sized for replacement into existing metal-clad breaker cells
Glastic (glass/polyester) insulated bushings

**Ratings & Approvals**
Suitable for medium-voltage distribution applications
All grounding shall comply with applicable NEC and local requirements

**Shipping**
Shipped on pallet or skid suitable for industrial equipment transportation
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**
Final ratings, dimensions, and compatibility with the customer's existing cell will be confirmed 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.

**Made in the USA**

**The Larson Electronics MPD-MES-VCB-3P3W-1-15KV-2000A-40K-DO-M1 is a draw-out vacuum circuit breaker engineered for replacement into existing 15kV-class metal-clad switchgear cells. Rated 2000A continuous current, 40kA symmetrical short-circuit current, and 95kV Basic Insulation Level (BIL), the breaker utilizes glastic (glass/polyester) insulated bushings and draw-out construction to allow straightforward removal and installation into a compatible existing cell.**

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

The Larson Electronics **MPD-MES-VCB-3P3W-1-15KV-2000A-40K-DO-M1** is designed to support OEM breaker replacement and retrofit programs for medium-voltage metal-clad switchgear. Draw-out construction facilitates removal, testing, and replacement of the interrupter element without disturbing the existing cell structure, minimizing system downtime for facilities upgrading or replacing aging breaker assemblies.

**Vacuum Circuit Breaker:**
The breaker is rated 15kV class, 2000A continuous current, and 40kA symmetrical short-circuit current. Draw-out construction supports removal and reinsertion for testing, maintenance, and replacement activities. Glastic (glass/polyester) insulated bushings are incorporated for dielectric performance.

**Ratings & Approvals:**
The breaker is suitable for medium-voltage distribution replacement applications and is designed in accordance with applicable industry practices for medium-voltage metal-clad switchgear breakers. All grounding provisions shall comply with applicable NEC requirements and local electrical codes.

**Customer Compliance:** Final dimensions, mounting compatibility, and installation details will be confirmed against the customer's existing cell configuration during detailed engineering review and customer approval 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 applicable drawings.

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

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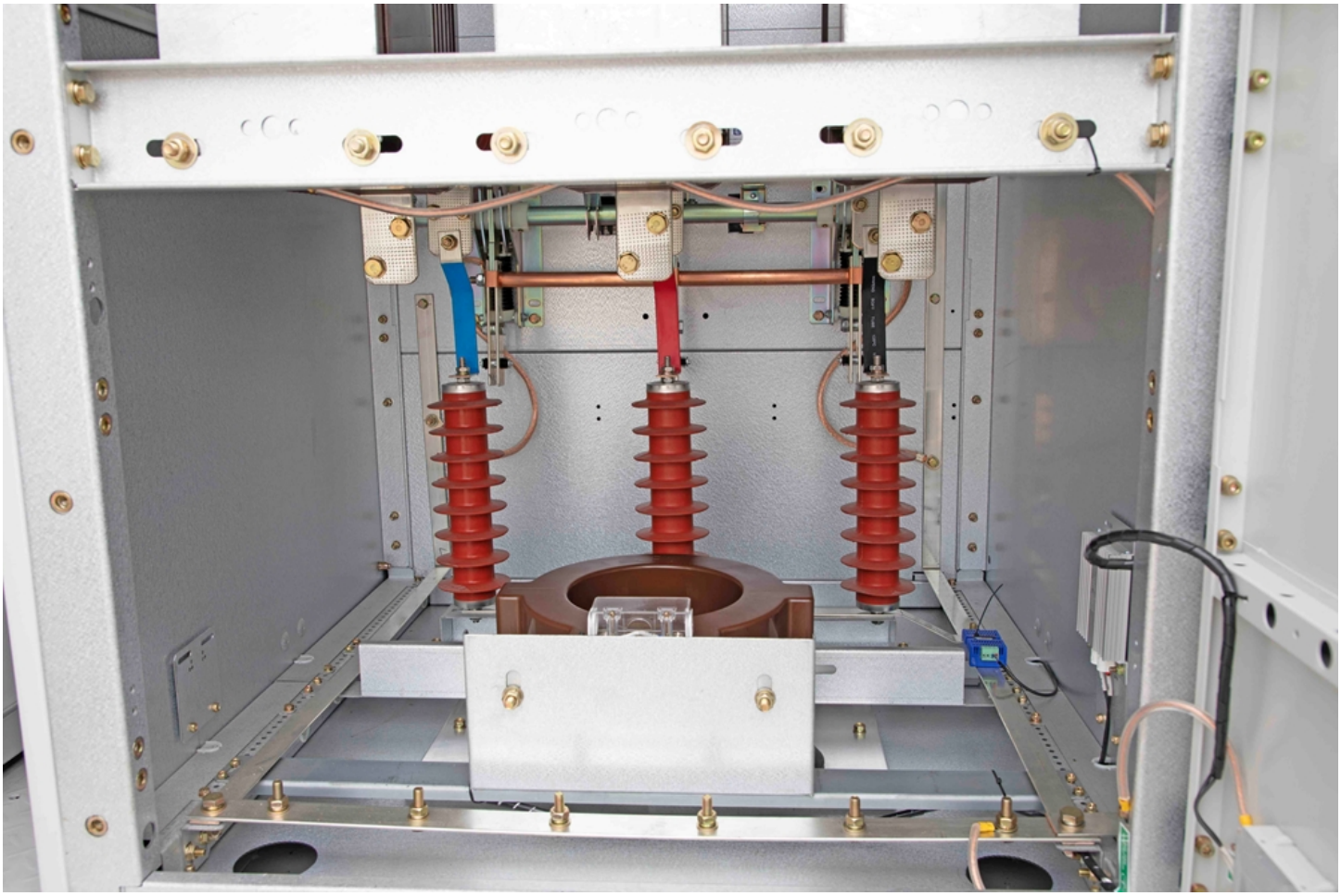

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**Export Control Classification Number (ECCN):** EAR99

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