

Product ID: 332056

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



Image:

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.

MT-MCCB-VA-R7-3P-AC-DA-250A-40KA-56-FX-Z-Z-Z-M1 Molded Case Circuit Breaker

Unit Type: Molded Case Circuit Breaker, w/ Thermal-Magnetic Release

Rated Voltage: 690V AC

Rated Insulation Voltage (Ui): 800V AC

Rated Impulse Withstand Voltage: 8 KV

No. Of Poles: 3-Poles

Rated Operational Current (In): 250 Amps

Rated Breaking Capacity (Icu): 40 kA @ 400/415V AC

Service Breaking Capacity (Ics): 100% of Icu

Frequency: 50/60 Hz

Automatic Tripping Device: Thermal-Magnetic

Connections: Line and Load Terminal Lugs

Auxiliary Switch: Optional – 1 NO + 1 NC

Alarm Switch: Optional – 1 NO + 1 NC

Shunt Trip: Optional – 110–130V AC or 220–240V AC

Auxiliary Modules Capacity: One auxiliary + one alarm or shunt module max

Ambient Temperature Range: -5°C to+40°C

Mounting: Fixed Frame (FF), Panel-Mounted

DIN Rail (Top Hat Rail) Mounting Provisions: N/A

Enclosure Material: Thermoset Molded Insulating Case

Enclosure Finish: Black Industrial Molded Housing

Protection Degree: IP20 (Terminal Protection)

Dimensions: Approx. 4.1" W × 6.5" H × 3.0" D

Weight: ~4.5 lbs (2.0 kg)

Ratings

NRTL Listed Service Equipment

NRTL Listed to UL 98 Dead Front Switch Boards

CE Compliant

RoHS Compliant

IEEE 1458 Compliant

IEC 60947-2

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Shipping Dimensions: Approx. 10" × 8" × 6"

Shipping Weight: Approx. 6 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.

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

Made in the USA

The MT-MCCB-VA-R7-3P-AC-DA-250A-40KA-56-FX-Z-Z-Z-M1 from Larson Electronics is a low-voltage molded case circuit breaker designed for dependable protection of distribution circuits and industrial electrical equipment. This 690V AC, 3-pole breaker features a 250A thermal-magnetic trip unit and a 40 kA interrupt rating at 400/415V AC, meeting IEC 60947-2 performance requirements for industrial power systems.

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

The MT-MCCB-VA-R7-3P-AC-DA-250A-40KA-56-FX-Z-Z-Z-M1 molded case circuit breaker provides a safe and reliable way for operators in industrial settings to protect feeders, pumps, motors, and branch circuits. Compatible with three-phase 690V AC systems operating at 50/60Hz, this 3-pole circuit breaker offers overload and short-circuit protection through its front-accessible thermal-magnetic trip mechanism.

Operation: All control and signaling devices are located on the front of the circuit breaker for ease of access and maintenance. Optional auxiliary contacts, alarm contacts, and shunt trip modules may be installed to enhance monitoring and remote tripping capabilities. The nameplate located on the front panel clearly identifies the breaker ratings and characteristics.

Mount: The MT-MCCB-VA-R7-3P-AC-DA-250A-40KA-56-FX-Z-Z-Z-M1 circuit breaker is fixed-frame and panel-mounted.

Certification: This MT-MCCB-VA-R7-3P-AC-DA-250A-40KA-56-FX-Z-Z-Z-M1 complies with the ISO 9001 Standards, certified by an external independent organization, complies with the ISO 14001 Standards, certified by an external independent organization and OHSAS 18001 Standards

Applications: This MT-MCCB-VA-R7-3P-AC-DA-250A-40KA-56-FX-Z-Z-Z-M1 are used in power distribution to control and protect lines, transformer and distribution substations, motors, transformers, capacitor banks, etc.

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



Links (Click on the below items to view):

- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/332056.JPG>)
- **Video1**(<https://www.youtube.com/watch?v=aOJY5E9e33I>)
- **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>)