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

Product ID: 331688

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-CB-VA-R7-4P-AC-DA-2000A-66KA-56-WT-Z-Z-IP30-M1 Low Voltage Circuit Breaker

Unit Type: LV Vacuum Air Circuit Breaker (Drawout)
Voltage (V): 690V AC
Rated Impulse Voltage [Uimp] : 12 KV
No. Of Poles: 4-Poles
Rated Service Breaking Capacity [Icu]: 66 KA
Rated Ultimate Breaking Capacity [Ics]: 66 KA
Rated Short-Circuit Making Capacity [Icm]: 145 KA
Frequency (Hz): 50/60 Hz
Connection Pitch: 115 mm
Ambient Temperature Range: -25 °C … +70 °C
Rated Normal Current (Amps): 2000 A
Rated Insulation Voltage [Ui]: 1 KV
Sensor Rating: 1000 / 1250 / 1600 / 2000 A
Power Dissipation: 470 W
Maximum Breaking Time: 25 ms
Maximum Closing Response Time: 70 ms
Control Type: Push-Button
Mounting Type: Horizontal Drawout
Mounting Support: Backplate/Rails
Upside Connection: Front/Rear
Downside Connection: Front/Rear
Mechanical Durability: 20,000 cycles with periodic preventive maintenance

Ratings

N/IEC 60947-1, EN/IEC 60947-2
CE, IECEE CB Scheme
IP30 Rated for Indoor or Outdoor Use
Made in the USA

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Electrical Durability: 6000 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-2

Monitoring/Protection: Micrologic Compatible (2.0X / 5.0X / 6.0X / 7.0X, Xi variants)

Enclosure Material: Sheet Steel

Enclosure Finish: RAL 7035 Light Grey

Insulating Medium: Vacuum air

Protection Degree: IP30

Dimensions: 17.28" W × 15.87" D × 17.28" H (*with drawout chassis*) / 19.41" W × 11.81" D × 11.81" H *(without drawout chassis)*

Weight: 264.6 lbs

Shipping Dimensions: 30.5 cm × 29.5 cm × 49.5 cm

Shipping Weight: 49.6 kg

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

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-CB-VA-R7-4P-AC-DA-2000A-66KA-56-WT-Z-Z-IP30-M1 from Larson Electronics is a 690V low voltage vacuum air circuit breaker designed for reliable power distribution protection in industrial and commercial applications. This drawout-type circuit breaker is rated for 66 kA interrupting capacity and 2000 amps, and is suitable for use on three-phase 690V AC systems. The breaker utilizes vacuum interrupter technology to provide fast, dependable interruption and long service life in demanding electrical environments.

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

The MT-CB-VA-R7-4P-AC-DA-2000A-66KA-56-WT-Z-Z-IP30-M1 service entrance circuit breaker provides a safe and reliable way for operators in industrial settings to control and protect electrical feeders, mains, and distribution circuits. Compatible with four-pole, three-phase 690V AC systems, this breaker carries a 2000A continuous current rating and a 66 kA short-circuit interrupting rating to ensure dependable protection under fault conditions.

Operation: All the control and signaling devices are located on the front of the circuit-breaker. Suitable locks prevent incorrect operations. The antipumping device is always provided on the actuator. The withdrawable circuit breakers feature a device enabling them to be racked in/out.The nameplate, located on the front panel, enables all the circuit-breaker characteristics to be identified.

Mount: The MT-CB-VA-R7-4P-AC-DA-2000A-66KA-56-WT-Z-Z-IP30-M1 circuit breaker is horizontal drawout type, capable of being rolled directly onto the floor. The breaker is operated by a motor-charged stored energy spring mechanism, charging of the circuit breaker is normally performed by an electric motor and in an emergency by a manual charging handle.

Certification: This MT-CB-VA-R7-4P-AC-DA-2000A-66KA-56-WT-Z-Z-IP30-M1 is designed and manufactured in accordance with applicable IEC 60947-1 and IEC 60947-2 standards and carries international conformity certifications as specified in the product documentation.

Applications: This MT-CB-VA-R7-4P-AC-DA-2000A-66KA-56-WT-Z-Z-IP30-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.

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Frequently Asked Questions (FAQ)

There are no Faqs

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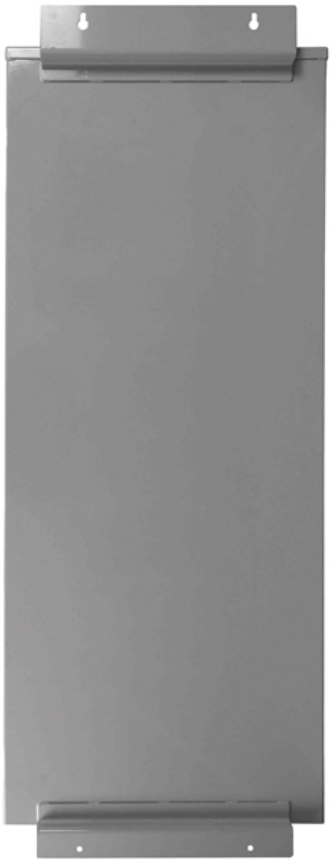

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Export Control Classification Number (ECCN): EAR99

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- **HigResPic4**(https://www.larsonelectronics.com//images/product/HigResPic4/331688.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)
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