

MT-PML-XX-SG-EB-LB-200A-25KV-27KV

Elbow Surge Arrestor, 200A Load Break, 27 kV, 22 kVrms, IEEE Color Blue, Metal Oxide Varistor Elbow Arrestor

Product ID: 294006

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



Image: MT-PML-XX-SG-EB-LB-200A-25KV-27KV

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-PML-XX-SG-EB-LB-200A-25KV-27KV Elbow Arrestor

Unit Type: Metal Oxide Varistor Elbow (MOVE) Arrestor

Connection Type Load Break, 200A

IEEE 386 Color Code: Blue

Surge Arrestor Voltage Rating: 27 kV Class Elbow Arrestor

Surge Arrestor MCOV Rating: 22 kVrms

Equiv. Front-of-Wave (kV Crest): 87.2 kV

Maximum Discharge Voltage (1.5 kA): 71.4 kV

Maximum Discharge Voltage (3 kA): 76.9 kV

Maximum Discharge Voltage (5 kA): 82.4 kV

Maximum Discharge Voltage (10 kA): 90.1 kV

Maximum Discharge Voltage (20 kA): 103 kV

Ratings

Complies with ANSI / IEEE 386

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

Elbow Surge Arrestor, 200A Load Break, 27 kV, 22 kVrms, IEEE Color Blue, Metal Oxide Varistor Elbow Arrestor

Metal Oxide Varistor Elbow (MOVE) arresters combines metal (zinc) oxide varistor technology within a molded rubber elbow to provide overvoltage system protection in an insulated, fully

shielded, submersible, deadfront device. Designed for over-voltage and transient voltage protection, the components prevent damage caused by lightning, internal switching or voltage surges.

The arrester elbow interface conforms to IEEE 386 standard for Separable Insulated Connector Systems. This arrester housing is molded from insulating rubber, proving deadfront safety in a small, hotstick operable unit. These elbow arresters are used on underground systems in pad mounted transformer, vault transformers, switchgear and other installations to provide shielded deadfront arrester protection. Larson Electronics recommends all pad mounted equipment be equipped with surge protection to provide additional safety and longevity to the connected equipment.

This elbow is designed for use with 200-amp loadbreak interfaces that conform to IEEE Std 386 standard to limit over volt ages to acceptable levels, protect equipment and extend cable life.

Applications: General purposes, industrial sites, electrical rooms, underground vaults, manufacturing facilities, steel plants, offshore, commercial, military, processing plants, electric power distribution, utilities, public locations and more.

Larson Electronics is a manufacturer and as such can build stationary and portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.



Frequently Asked Questions (FAQ)

There are no Fags



Image: MT-PML-XX-SG-EB-LB-200A-25KV-27KV



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Harmonized System (HS) Code: 85043300

Export Control Classification Number (ECCN): EAR99



Links (Click on the below items to view):

- **Operations Manual**(<https://www.larsonelectronics.com/images/product/Manual/294006.PDF>)
- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/294006.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/294006.JPG>)
- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/294006.JPG>)
- **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>)