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## MT-PML-XX-SG-EB-LB-600A-30KV-24.4KV

# Elbow Surge Arrestor, 600A Dead Break, 30 kV, 24.4 kV, IEEE Color Black, Metal Oxide Varistor Elbow Arrester

**Product ID: 334882**



Image: MT-PML-XX-SG-EB-LB-600A-30KV-24.4KV

**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-600A-30KV-24.4KV Elbow Arrester**
**Unit Type:** Metal Oxide Varistor Elbow (MOVE) Arrester
**Dimensions:** 9.5"D x 4"W x 9.5"H
**Weight:** 9.25 lbs
**Frequency:** 50-60 Hz
**Connection Type** Dead Break, 600A
**IEEE 386 Color Code:** Black
**Surge Arrestor Voltage Rating:** 35 kV Class Elbow Arrestor
**Duty Cycle Voltage Rating:** 30 kV
**Surge Arrestor MCOV Rating:** 24.4 kV
**Equiv. Front-of-Wave (kV Crest):** 116 kV
**Maximum Discharge Voltage (1.5 kA):** 95.3 kV
**Maximum Discharge Voltage (3 kA):** 103.0 kV
**Maximum Discharge Voltage (5 kA):** 110.0 kV
**Maximum Discharge Voltage (10 kA):** 120.0 kV
**Maximum Discharge Voltage (20 kA):** 137.0 kV

**Ratings**
Complies with ANSI / IEEE 386
IEEE 386
IEEE C62.11

**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

**The Larson Electronics MT-PML-XX-SG-EB-LB-600A-30KV-24.4KV Elbow Surge Arrestor is designed for overvoltage protection for electrical equipment. This unit is rated for 30 kV with a 24.4 kV MCOV rating.**

Metal Oxide Varistor Elbow (MOVE) arresters combine 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 600-amp dead break interfaces that conform to IEEE Std 386 standard to limit overvoltages 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.

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# Frequently Asked Questions (FAQ)

There are no Faqs