

**MT-LV-PT-R7-B22-DE-600V-SW-C0.3-Z-50.60HZ-RC-ID-M1**

**Potential Transformer - 480V Primary, 120V Secondary - 0.3 Accuracy Class - 50/60 Hz**

**Product ID: 332846**

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-LV-PT-R7-B22-DE-600V-SW-C0.3-Z-50.60HZ-RC-ID-M1 Potential Transformer**

**Unit Type:** Potential Transformer

**Phase:** Single Phase

**Burden Rating:** 150 VA

**Rated Primary Voltage:** 480V

**Rated Secondary Voltage:** 120V

**Frequency:** 50/60 Hz

**Insulation Level:** 10 KV BIL, 0.6 KV Class

**Insulating Class:** Class F

**Accuracy Class:** 3%

**Voltage Ratio:** 4:1

**Insulator Type:** Epoxy

**Primary Connection:** (2) 10-32 screws into 3/8" deep brass inserts and fitted with one lock-washer and flat-washer

**Primary Fuse:** Included, 15 A

**Secondary Connection:** (2) 10-32 screws into 3/8" deep brass inserts and fitted with one lock-washer and flat-washer

**Secondary Fuse:** Included, 15 A

**Primary/Secondary Terminal Cover:** Included, (1) Plastic Covers For Both

**Winding Material:** Copper

**Temperature Rise:** 55°C

**Service Condition:** Indoor

**Altitude:** ≤ 39.37"

**Ambient Temperature Rating:** 30°C

**Core And Coil Assembly:** Encased in a thermoplastic shell and filled with resin

**Housing Materials:** Epoxy Resin

**Mount:** Strut Type, Suitable for cantilever installation

**Dimensions:** 6.0"-W, 6.5"-L, 7.5"-H

**Weight:** 25 Lbs

**Ratings**

Meets IEEE C57.13 Standard, Group 1

Indoor Service

Non-corroding Nameplate

Meets ANSI C12.11 Standard

**Special Orders - Special Requirements**

Contact us for special requirements

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The MT-LV-PT-R7-B22-DE-600V-SW-C0.3-Z-50.60HZ-RC-ID-M1 Potential Transformer from Larson Electronics facilitates power distribution in indoor locations and is designed for power utility applications. The low operating costs, low heat emissions and low cost of ownership make this transformer an ideal solution for metering, protective relaying, high voltage system control and more. This indoor service instrument transformer is equipped with galvanized I-beam pedestals for installation.

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

**Transformer Features:** The potential transformer is rated for 150 VA, 480V primary and 120V secondary and has an insulation level "10KV BIL, 0.6 KV Class" at 60 Hz. The system has heavy-duty windings for high strength and thermal/electrical conductivity.

**Primary Connections:** The transformer has standard terminals for primary connections.

**Secondary Connections:** The potential transformer is equipped with a terminal block protected by a removable plastic cover.

**Benefits:** The MT-LV-PT-R7-B22-DE-600V-SW-C0.3-Z-50.60HZ-RC-ID-M1 transformer offers many benefits to consumers. This transformer provides owners with significant energy savings, as well as offering environmental benefits. Higher efficiency not only extends the life of the transformer, but also turns into cost savings for owners in the form of lower energy bills and decreased cost of ownership.

**Applications:** Electric power distribution, utilities, protective relaying, utility power generation, power grids, substations, metering, high voltage system control, step down transmission 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](mailto:sales@larsonelectronics.com) to discuss your specific requirements.



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## Frequently Asked Questions (FAQ)

There are no Faqs