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MT-MV-PT-R7-B21-YVD-25KV-SW-C0.3WXYZ-Z-60HZ-RC-IOD-M1

25 KV Potential Transformer, Dry Type - 24940/25000Y Wye-N Primary, 120V Secondary, 0.3 WXYZ Metering Accuracy Class, Dual-Bushings, Protection Fuse, Light Grey

Product ID: 338417

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



Image: MT-MV-PT-R7-B21-YVD-25KV-SW-C0.3WXYZ-Z-60HZ-RC-IOD-M1

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-MV-PT-R7-B21-YVD-25KV-SW-C0.3WXYZ-Z-60HZ-RC-IOD-M1 Potential Transformer

Unit Type: Potential Transformer, Dry Type
Phase: Single Phase
Primary Voltage: 24940/25000Y
Primary Voltage Class: 25 KV
Primary Phasor: Wye-N
Primary BIL: 150 KV
Secondary Voltage: 120V
Voltage Ratio: 207.83:1
Frequency: 60 Hz
No. Of Bushing: (2)
Thermal Burden Rating (at 30˚C ambient): 2000 VA
ANSI Accuracy Class Operation at Rated Voltage (Metering Accuracy): 0.3 WXYZ
Insulating Material: PMP Insulation Paper
Cooling Class: AA, Dry-Type
Insulator Type: Epoxy
Primary Connection: Tin Plated Copper (10 AWG to 1 AWG)
Primary Protection Fuses: Included, (2) Primary Fuses
Secondary Connection: NEMA standard line 4-hole terminal pad conforming to the

Ratings

Meets IEEE C57.13 Standard
Meets ANSI C12.11 Standard
Indoor / Outdoor Service
Non-corroding Nameplate
NEMA CC1-B

requirements of NEMA CC1

Secondary Terminal Box: Secondary circuits wiring is brought to a terminal box at the base of the PT where studs of a size of 20.25 inch are provided so that the inter-connection of internal and external wiring of secondary circuits can be made. The terminal box is of a weatherproof design to keep moisture out and have two knockouts for 1-inch NPT conduit hubs

Winding Material: Copper

Nameplate Material: Stainless Steel

Operation Temperature Range: -45°C to +55°C

Average Temperature Rating (24 hrs): +45°C

Service Condition: Outdoor/Indoor

Wind Speed Rating: 90 mph

Importance Factor: 1.15

Altitude: 3,300 ft Above Sea Level

Seismic Qualification: Low Level, IEEE 693

Painting: Munsell™ 5BG 7.0/0.4 Light Grey (ANSI #70)

Housing Materials: Epoxy Resin

Mount: Base Mounting

Dimensions (Approximate): 13"-W x 9.85"-D x 17.9"-H

Weight (Approximate): 123 lbs

Special Orders - Special Requirements

Contact us for special requirements

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The MT-MV-PT-R7-B21-YVD-25KV-SW-C0.3WXYZ-Z-60HZ-RC-IOD-M1 Potential Transformer from Larson Electronics facilitates power distribution in outdoor/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/outdoor 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 24940/25000Y Wye-N primary and 120V secondary and has a burden rating of WXYZ 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 cover.

Benefits: The MT-MV-PT-R7-B21-YVD-25KV-SW-C0.3WXYZ-Z-60HZ-RC-IOD-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 to discuss your specific requirements.

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Frequently Asked Questions (FAQ)

There are no Faqs

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/338417.JPG)
- **Video1**(https://www.youtube.com/watch?v=4-JEyYeYcn8)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
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