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MT-MV-PT-R7-A11-GMF-25KV-SW-C0.3Y-Z-60HZ-RC-OD-M1

25 KV Potential Transformer - 24940Y/14400 Grounded Wye Primary, 120V Secondary, Class 0.3 Y, Outdoor

Product ID: 333638



Image: MT-MV-PT-R7-A11-GMF-25KV-SW-C0.3Y-Z-60HZ-RC-OD-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-A11-GMF-25KV-SW-C0.3Y-Z-60HZ-RC-OD-M1 Potential Transformer

Unit Type: Potential Transformer
Primary Voltage: 24940Y/14400 Grounded Wye
Secondary Voltage: 120V
Voltage Ratio: 120:1 (dual secondary windings)
Frequency: 60 Hz
ANSI Metering Accuracy Class: 0.3 Y
Rated System Voltage: 25 kV
Voltage BIL: 150 kV
Strike Distance: 21.6"
Creepage Distance: 50.2"
Thermal Rating: 1500 VA (@ 30°C)
Rated Voltage Factor (RVF): 1.9 (8-hour)
Primary Connection: Electro-Tin plated H1 terminal accommodates #10 to 250 MCM conductors. The H2 neutral terminal is insulated to withstand a 19 kV test level and can be disconnected from the external ground cable for power factor measurement
Secondary Connection: Clamp type terminals accommodate #14 through #3 wire
Secondary Junction Box: Included, with 1” conduit hub on either end with a 1” knock-out on the bottom
Grounding Connection: Included, 1/4-20 roundhead ground terminal, welded in the baseplate bracket, and is furnished with a nut, cup washer, flat washer, and lock washer
Winding Material: Copper
Insulation Class: Class E

Ratings

Meets IEEE C57.13 Standard
Meets ANSI C12.11 Standard
Outdoor Service
Non-corroding Nameplate

Temperature Rise: 55°C
Service Condition: Outdoor
Altitude: 3,300ft (1000m) Above sea Level
Ambient Temperature Rating: -50°C to +40°C
Housing Materials: Hydrophobic Cycloaliphatic Epoxy (HCEP)
Mount: Upright, cantilever, or upside-down positions
Mounting Holes: (4)
Dimensions: 10.88"-W x 19.46"-D x 26.12"-H
Weight: 125 lbs

Special Orders - Special Requirements
Contact us for special requirements
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The MT-MV-PT-R7-A11-GMF-25KV-SW-C0.3Y-Z-60HZ-RC-OD-M1 Potential Transformer from Larson Electronics facilitates power distribution in outdoor 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 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 24940Y/14400 Grounded Wye primary and 120V secondary and has an accuracy class of 0.3 Y at 60 Hz. The system has heavy-duty windings for high strength and thermal/electrical conductivity.

Primary Connections: The transformer has a standard terminal 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-A11-GMF-25KV-SW-C0.3Y-Z-60HZ-RC-OD-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