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MT-MV-PT-R7-A11-GJT-46KV-SW-C0.3WXMY-Z-60HZ-RC-OD-M1

46 KV Potential Transformer - 41500Y/24000 Grounded Wye Primary, 120V Secondary, Metering Accuracy Class 0.3 WXMY, Outdoor

Product ID: 335213

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



Image: MT-MV-PT-R7-A11-GJT-46KV-SW-C0.3WXMY-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-GJT-46KV-SW-C0.3WXMYZ-Z-60HZ-RC-OD-M1 Potential Transformer

Unit Type: Potential Transformer, Unfused
Primary Voltage: 41500Y/24000 Grounded Wye
Secondary Voltage: 120V
Voltage Ratio: 200:1
Frequency: 60 Hz
ANSI Metering Accuracy Class: 0.3 W,X,M,Y
Rated System Voltage: 46 kV
Voltage BIL: 250 kV
Creepage Distance: 63"
Thermal Burden Rating: 1000 VA
Continuous Rated Voltage Factor (RVF): 1.1
Rated Voltage Factor (RVF), 30 sec.: 1.25
Primary Connection: (1) Solder-less type, Made of hardened bronze, the terminal is fitted with a hard-copper collar and bronze pressure screw
Secondary Connection: Clamp-type in fixed, round tin-plated bronze posts, They have a 0.275 inch diameter cross hole to accommodate large or multiple secondary wires
Secondary Junction Box: Included, Detachable, Die-cast aluminum, With (2) 1-inch threaded conduit hubs on the sides and a 1-inch conduit knockout in the bottom
Grounding Connection: Included, 1/4-20 roundhead ground terminal, welded in the

Ratings

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

baseplate bracket, and is furnished with a nut, cup washer, flat washer, and lock washer
Winding Material: Copper
Insulation Class: Class E
Temperature Rise: 55°C
Service Condition: Outdoor
Altitude: 3,300ft (1000m) Above sea Level
Ambient Temperature Rating: -40°C to +40°C
Housing Materials: Hydrophobic Cycloaliphatic Epoxy (HCEP)
Mount: Upright, cantilever, or upside-down positions
Mounting Holes: (4)
Dimensions: 14.25"-W x 13.05"-D x 18.25"-H
Weight: 105 lbs

Special Orders - Special Requirements
Contact us for special requirements
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The MT-MV-PT-R7-A11-GJT-46KV-SW-C0.3WXMY-Z-60HZ-RC-OD-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 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 41500Y/24000 Grounded Wye primary and 120V secondary and has an accuracy class of 0.3 WXMY 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-GJT-46KV-SW-C0.3WXMY-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

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/335213.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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