Larson Electronics LLC
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MT-MV-PT-R7-A11-GMA-36KV-SX.LM-C0.3WXMY-Z-60HZ-RC-OD-M1

36 KV Potential Transformer - 34857Y/20125 Grounded Wye Primary, 115 x 67.08V Secondary, Class 0.3 WXMY

Product ID: 314743

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-GMA-36KV-SX.LM-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-GMA-36KV-SX.LM-C0.3WXMY-Z-60HZ-RC-OD-M1 Potential Transformer

Unit Type: Potential Transformer, Unfused
Primary Voltage: 34857Y/20125
Secondary Voltage: 115/67.08V x 115/67.08V
Voltage Ratio: 175/300:1 & 175/300:1
Frequency: 60 Hz
ANSI Metering Accuracy Class: 0.3
Burden: W, X, M, Y
Nominal System Voltage: 34.5 kV
Rated System Voltage: 36 kV
Voltage BIL: 200 kV
Continuous Rated Voltage Factor: 1.1
Rated Voltage Factor: 1.25 (30 sec.)
Thermal Burden Rating: 1250 VA x 1250 VA
Power-Frequency Withstand Voltage (1 min) (Primary & Secondary): 70 kV rms
Power-Frequency Withstand Voltage (1 min) (Secondary Winding): 2.5 kV rms
Creepage Distance : 50.2"
Strike Distance: 25.2"
Insulator Type: Resin Core

Ratings

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

Primary Terminal Type: TE-4T
Primary Terminal Material: Copper
Primary Terminal Range: 8SOL-4TRE
Primary Terminal Qty: (1)
Secondary Terminal Type: Quick Connector
Secondary Terminal Material: Brass
Ground Terminal Type: TE-12-250
Ground Terminal Material: Copper
Ground Terminal Range: 84TRE-250MCM
Winding Material: Copper
Temperature Rise: 55ºC
Service Condition: Outdoor
Altitude: 3,300ft (1000m) Above sea Level
Ambient Temperature Rating: -
Housing Materials: Epoxy Resin (HCEP)
Mount: Upright or Cantilever Position
Mounting Holes: (4) x Ø14.3, 19.69" x 15.75" Spacing
Dimensions: 24.1" x 17.32" x 31.71"
Weight: 273 lbs

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 MT-MV-PT-R7-A11-GMA-36KV-SX.LM-C0.3WXMY-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 makes 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 34857Y/20125 primary and 115 x 67.08V secondary and has a burden rating of WXMY 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 terminal block protected by a removable cover.

Benefits: The MT-MV-PT-R7-A11-GMA-36KV-SX.LM-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

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Export Control Classification Number (ECCN): EAR99

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- **Video1** (https://www.youtube.com/watch?v=NGAw7_anxqo)
- **ISO 9001 Certification** (http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
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