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MT-MV-PT-R7-A11-GMA-36KV-SX-C0.3WXMY-60HZ-RC-OD-M1

36 KV Potential Transformer, Dry Type - 34857Y/20125 Grounded Wye Primary, 115V Secondary, Class 0.3, WXMY, Single-Bushing, Light Grey

Product ID: 311961



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-36KVA-SX-C0.3WXMY-60HZ-RC-OD-M1 Potential Transformer

Unit Type: Potential Transformer, Non-Fused
Application: Solid State Relaying And Electronic Metering
Phase: Single Phase
Primary Voltage: 34875Y/20125
Primary Voltage Class: 36 KV
Primary Phasor: Grounded Wye
Primary BIL: 200 KV
Primary Power-Frequency Withstand Voltage (1 min): 70 KV
Strike Distance: 25.2 inches
Min. Creepage Distance: 49.6 inches
Primary to Secondary Ratio: 175:1
Secondary Voltage: 115V
Secondary Power-Frequency Withstand Voltage (1 min): 2.5 KV
Cont. Rated Voltage Factor: 1.1
Rated Voltage Factor (30 Sec.): 1.73
Frequency: 60 Hz
No. Of Bushing(s): (1)
Thermal Burden Rating (at 30C ambient) : 1 KVA
ANSI Accuracy Class Operation at Rated Voltage (Metering Accuracy): 0.3 W, X, M & Y
Cooling Class: AA, Dry-Type
Insulator Material: Resin

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

Secondary Terminal Type Quick Connector

Secondary Terminal Material: Brass

Grounding Terminal Type: TE-12-250

Grounding Terminal Material: Copper

Grounding Terminal Range: 4TRE-250MCM

Winding Material: Copper

Nameplate Material: Stainless Steel

Operation Temperature Range: -45°C to +55oC
Average Temperature Rating (24 hrs): +45oC
Service Condition: Outdoor

Wind Speed Rating: 90 mph

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 (HCEP)
Mount: Mounted In Upright, Cantilever, Or Upside-Down Positions
Mounting Holes: Included, (4) 13.7" x 7.87" Spacing

Base Plate Dimensions: 12"W, 12.88"-D, 0.25"-Thick

Distance Between The Primary Bushings (Center-To-Center): 11.75 inches

Total Dimensions: 9.4"-D, 28.14"-H

Total Weight: 174 lbs

Special Orders - Special Requirements
Contact us for special requirements

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E-mail: sales@larsonelectronics.com

The MT-MV-PT-R7-A11-GMA-36KV-SX-C0.3WXMY-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 34875/20125 Grounded Wye primary and 115V 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-C0.3WXMY-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.

Frequently Asked Questions (FAQ)