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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**

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



**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 &

**Ratings**

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

Y

**Cooling Class:** AA, Dry-Type

**Insulator Material:** Resin

**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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**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.

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# Frequently Asked Questions (FAQ)

**Export Control Classification Number (ECCN):** EAR99

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