Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

MT-MV-CT-TB-R7-1P-35KV-600.5-C0.3-C400-60HZ-RC-OD-M1

35 KV Current Transformer, Tube Type, 600:5 Ratio, 0.3B-1.8 Metering Accuracy Class, C400 Relaying Accuracy Class, Outdoor

Product ID: 322131



Image: MT-MV-CT-TB-R7-1P-35KV-600.5-C0.3-C400-60HZ-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-CT-TB-R7-1P-35KV-600.5-C0.3-C400-60HZ-RC-OD-M1 Current Transformer

Unit Type: Current Transformer, Tube Type
Phase: Single Phase
Rated Voltage: 35 kV
Voltage BIL: 200 KV
Current Ratio: 600:5
Frequency: 60 Hz
IEEE Metering Accuracy: 0.3B-1.8
Relaying Accuracy Class: C400
Continuous Thermal Current Rating Factor (@ 30°C): 3.0
Short Time Thermal Current: 80*I_n (1 Sec.)
Short Time Mechanical Current: 80*I_n (1 Sec.)

Ratings

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

Secondary Terminal Type: Quick Connector
Secondary Terminal Material: Brass
Secondary Terminal Quantity: (2)
Core Material: Grain oriented silicon steel laminations
Insulating Material: Resin
Winding Material: Copper

Temperature Rise: 55°C
Service Condition: Outdoor
Altitude: ≤ 39.37"
Ambient Temperature Rating: 45°C
Housing Materials: Type B Epoxy Resin
Color: Brown
Mount: Strut Type, Suitable for cantilever installation
Weight (Approximate): 232 lbs
Tube Length: 30 inches
Tube Inner Diameter: 4.5 inches
Mounting Base Dimensions: 8" x 9.75"
Total Dimensions (Approximate): 30"-W x 17.75"-D x 25.38"-H

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-CT-TB-R7-1P-35KV-600.5-C0.3-C400-60HZ-RC-OD-M1 Current 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.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS*

Transformer Features: The current transformer is rated for 35 kV and 600:5 current ratio at 60 Hz. The system has heavy-duty windings for high strength and thermal/electrical conductivity.

Primary Connections: The transformer is tube type

Secondary Connections: The potential transformer is equipped with a terminal block protected by a removable cover.

Benefits: The MT-MV-CT-TB-R7-1P-35KV-600.5-C0.3-C400-60HZ-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