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MT-MV-CT-BP-R7-1P-15KV-150.5-C0.2S-Z-60HZ-RC-OD-M1

15 KV Current Transformer, Bar Primary Type, 150:5 Single Ratio, 0.2S Metering Accuracy Class, Grey, Outdoor

Product ID: 346009



Image: MT-MV-CT-BP-R7-1P-15KV-150.5-C0.2S-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-CT-BP-R7-1P-15KV-150.5-C0.2S-Z-60HZ-RC-OD-M1 Current Transformer

Unit Type: Current Transformer, Bar Primary Type
Phase: Single Phase
Rated Voltage: 15 kV
Voltage BIL: 110 KV
Frequency: 60 Hz
Current Ratio: 150:5
IEEE Metering Accuracy Class: 0.2S
IEEE Relaying Accuracy Class: N/A
Burden Rating: 15 VA
Continuous Thermal Current Rating Factor (@ 30°C): 2.0
Continuous Thermal Current Rating Factor (at 55°C): TBD
Short Time Thermal Current Rating (1 Sec.): 10 kA
Short Time Mechanical Current: 27 kA
Power Frequency Withstand Voltage (1 min) (Primary & Secondary): 70 kV rms
Power Frequency Withstand Voltage (1 min) (Secondary Winding): 2.5 kV rms
Primary Terminal Type: NEMA-2
Primary Terminal Material: Copper
Primary Bar Width: 2 inch
Primary Bar Thickness: 3/8 inch
Primary Terminal Quantity: (2)
Grounding Terminal Type: TE-12-250
Grounding Terminal Material: Copper

Ratings

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

Grounding Terminal Range: 4TRE-250MCM
Secondary Terminal Type: Quick Connector
Secondary Terminal Material: Brass
Secondary Terminal Box: Included, w/ 2-hole to conduit pipe ø1" NPT
Secondary Terminal Quantity: (2)
Core Material: Grain oriented silicon steel laminations
Insulating Material: Hydrophobic Cycloaliphatic Epoxy Resin (HCEP)
Winding Material: Copper
Temperature Rise: 55°C
Service Condition: Outdoor
Ambient Temperature Rating: 45°C
Altitude: 3,600ft Above Sea Level
Color: Grey
Mount: Pole Mount
Total Weight (Approximate): 134.4 Lbs
Base Plate Material: Stainless Steel, w/ Mounting Holes (10" x 8.62" Spacing)
Base Plate Dimensions: 11.22"-W x 12.4"-D
Total Dimensions (Approximate): 13.7"-W, 13.7"-D, 19.5"-H

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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The MT-MV-CT-BP-R7-1P-15KV-150.5-C0.2S-Z-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 15 kV and 150:5 current ratio 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 current transformer is equipped with a terminal block protected by a removable cover.

Benefits: The MT-MV-CT-BP-R7-1P-15KV-150.5-C0.2S-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