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MT-MV-CT-BP-R7-1P-7.2KV-2500.1.5.5-C0.5-5P15-50HZ-RC-ID-M1

7.2 KV Current Transformer, Bar Primary Type, 2500/1–5–5 A Triple Ratio, 50 VA – Cl. 0.5 / 20 VA – 5P15, 10 VA – Cl. 1 Excitation, Dry Type, Indoor

Product ID: 332232

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



Image: MT-MV-CT-BP-R7-1P-7.2KV-2500.1.5.5-C0.5-5P15-50HZ-RC-ID-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-7.2KV-2500.1.5.5-C0.5-5P15-50HZ-RC-ID-M1 Current Transformer

Unit Type: Current Transformer, Bar Primary Type, Distribution Class
Phase: Single Phase
Rated Voltage: 7.2 kV
Voltage BIL: 60 kV
Frequency: 50 Hz
Current Ratio: 2500:1-5-5
Accuracy Class: 50 VA – Cl. 0.5 (Metering) / 20 VA – 5P15 (Protection) / 10 VA – Cl. 1 (Excitation)
IEEE Relaying Accuracy Class: N/A
Continuous Thermal Current Rating Factor (@ 30ºC): 1.2
Continuous Thermal Current Rating Factor (@ 55ºC): 1.0
Short Time Thermal Current Rating (1 Sec.): 25 kA
Short Time Mechanical Current: 100 kA Peak
Primary Terminal Type: Flat Copper Bars, Electro-Tin Plated
Primary Bar Width: 3.0 inches
Primary Bar Thickness: 0.375 inches
Primary Terminal Quantity: (2)
Grounding Terminal Type: 1/4-20 Roundhead Ground Terminal, Welded To Baseplate
Grounding Terminal Material: Copper

Ratings

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

Secondary Terminal Type: Screw/Clamp Type Terminal Block
Secondary Terminal Box: Included, Removable, With 1" Conduit Hub And Bottom Knockout
Secondary Terminal Quantity: (6) (Triple Secondary Core: 1A, 5A, 5A)
Core Material: Grain oriented silicon steel laminations
Insulating Material: Epoxy Resin Cast Insulation
Winding Material: Copper
Temperature Rise: 55ºC
Service Condition: Outdoor
Ambient Temperature Rating: 45ºC
Color: Black
Mount: Upright, Cantilever, or Upside-Down Positions
Total Weight (Approximate): -
Base Plate Material: Stainless Steel, w/ Mounting Holes
Base Plate Dimensions:-
Total Dimensions (Approximate): -

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-7.2KV-2500.1.5.5-C0.5-5P15-50HZ-RC-ID-M1 Current Transformer from Larson Electronics facilitates power distribution in indoor locations and is designed for power utility and industrial switchgear applications. The low operating losses, low heat emissions and maintenance-free resin cast construction make this transformer an ideal solution for precision metering, excitation performance verification, and protective relaying in medium voltage systems.

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

Transformer Features: The current transformer is rated for 7.2 kV and a 2500:1-5-5A triple secondary current ratio at 50 Hz. This unit includes a 50 VA Class 0.5 metering core, a 20 VA Class 5P15 protection core, and a 10 VA Class 1 excitation rating. The system features heavy-duty copper windings and epoxy resin cast insulation for high mechanical strength, superior thermal stability, and long-term electrical reliability under high current conditions.

Primary Connections: The transformer features electro-tin plated flat copper bar primary terminals designed for secure bolted connections in switchgear and distribution assemblies.

Secondary Connections: The current transformer is equipped with clamp/screw-type secondary terminals housed inside a removable protective terminal box for safe and convenient wiring access. The triple secondary configuration (1A, 5A, 5A) allows compatibility with mixed metering and relay systems.

Benefits: The MT-MV-CT-BP-R7-1P-7.2KV-2500.1.5.5-C0.5-5P15-50HZ-RC-ID-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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Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/332232.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/332232.JPG)
- **Video1**(https://www.youtube.com/watch?v=4-JEyYeYcn8)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
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