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MT-LV-CT-SPC-R7-1P-600V-50.5-C0.3-Z-50.400HZ-RC-ID-M1

600 V Current Transformer, Split Core, 50:5 Ratio, C0.3 Metering Accuracy Class, Grey, Indoor

Product ID: 345351

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-CT-SPC-R7-1P-600V-50.5-C0.3-Z-50.400HZ-RC-ID-M1 Current Transformer

Unit Type: Current Transformer, Split Core Type
Phase: Single Phase
Rated Voltage: 600 V
Voltage BIL: 10 KV
Current Ratio: 50:5
Frequency: 50-400 Hz
IEEE Metering Accuracy Class (@ 60 Hz): 0.3 ± 0.3%
IEEE Relaying Accuracy Class (@ 60 Hz): N/A
Burden: 1.5 VA
Continuous Thermal Current Rating Factor (@ 30°C): 1.0
Continuous Thermal Current Rating Factor (@ 55°C): 1.33
Short Time Thermal Current (1 Sec.): -
Short Time Mechanical Current: -
Primary Terminal Type: N/A
Primary Bar Width: N/A
Primary Bar Thickness: N/A
Primary Terminal Quantity: N/A
Grounding Terminal Type: N/A
Grounding Terminal Material: N/A
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: Indoor
Ambient Temperature Rating: 45°C
Housing Materials: Type B Epoxy Resin
Color: Grey
Mount: Bus Mount
Inner Window Diameter: 3.0” ID
Weight (Approximate): 1.1 lbs
Dimensions (Approximate): 4"-W x 1.14"-D x 3.82"-H

Ratings

Meets IEEE C57.13 Standard
Meets ANSI C12.11 Standard
Meets CAN/CSA C22.2 Standards
Meets UL 61010-1 Standards
Indoor Service

Features

Non-corroding Nameplate
Secured latch & keying hole for locking/date tag
Swings open for ease of installation
Rigid housing case with UL 94V-0 durable plastic

Special Orders - Special Requirements

Contact us for special requirements
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The MT-LV-CT-SPC-R7-1P-600V-50.5-C0.3-Z-50.400HZ-RC-ID-M1 Current Transformer from Larson Electronics facilitates power distribution in indoor 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 600 V rated voltage and a 50:5 ratio at 50-400 Hz. The system has heavy-duty windings for high strength and thermal/electrical conductivity.

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

Benefits: The MT-LV-CT-SPC-R7-1P-600V-50.5-C0.3-Z-50.400HZ-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

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **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)
- **Shipping Time Map** (https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)