Larson Electronics LLC
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MT-MV-PT-R7-A21-GMN-15.5KV-SW.W-C0.3Y-Z-60HZ-RC-ID-M1

15.5 KV Potential Transformer - 14400V Grounded Wye Primary, 120 x 120V Secondary, 0.3 Y Metering Accuracy Class, Indoor

Product ID: 339174



Image: MT-MV-PT-R7-A21-GMN-15.5KV-SW.W-C0.3Y-Z-60HZ-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-PT-R7-A21-GMN-15.5KV-SW.W-C0.3Y-Z-60HZ-RC-ID-M1 Potential Transformer

Unit Type: Potential Transformer, fused
Primary Voltage: 14400V
Secondary Voltage: 120 x 120V
Voltage Ratio: 120&120:1
Frequency: 60 Hz
ANSI Metering Accuracy Class: 0.3 Y x 0.3 Y
Rated System Voltage: 15.5 kV
Voltage BIL: 110 kV
Thermal Burden Rating: 600 x 600 VA @ 30°C
Insulator Type: Resin Core
Primary Connection: 1/4"-20 Brass screw with one flat washer and lock washer, 1 Bushing
Primary Overcurrent Protection (OCP): Fused, Current-limited Type
Primary Fuse Qty/Rating: (1), 0.5E, 14400V
Secondary Connection: (4) M5X0.8 Female Inserts, with brass slotted pan head screw, two plain washers and one lock washer
Secondary Terminal Cover: Included, Polycarbonate Cover
Winding Material: Copper
Temperature Rise: 55°C
Service Condition: Indoor
Altitude: 3,300ft (1000m) Above sea Level
Ambient Temperature Rating: -25°C to 40°C
Housing Materials: Resin Encapsulated
Mount: Upright or Cantilever Position
Mounting Holes: (4) x Ø14, 7.87" W x 11.81"-D Spacing
Total Dimensions: 23.94"-W x 7.01"-D x 13.39"-H

Ratings

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

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

Total Weight: 110 lbs

E-mail: sales@larsonelectronics.com

The MT-MV-PT-R7-A21-GMN-15.5KV-SW.W-C0.3Y-Z-60HZ-RC-ID-M1 Potential 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. This indoor 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 14400V Grounded Wye primary and 120 x 120V secondary and has a thermal rating of 600 VA at 50/60 Hz. The system has heavy-duty windings for high strength and thermal/electrical conductivity.

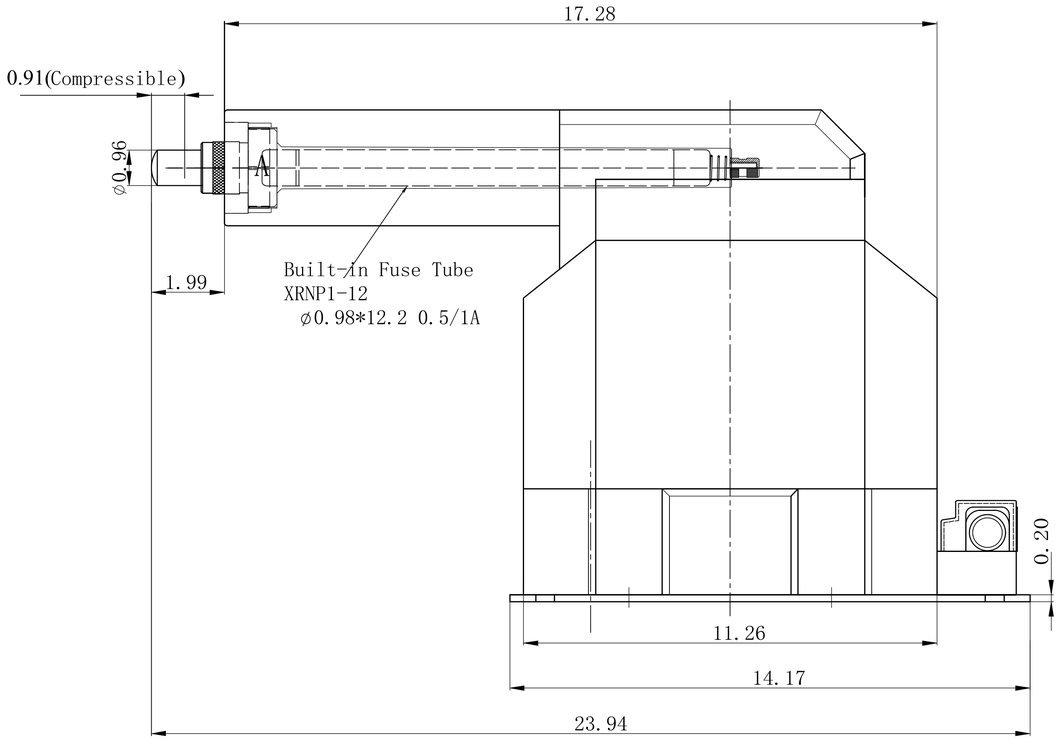
Primary Connections: The transformer has standard terminals for primary connections.

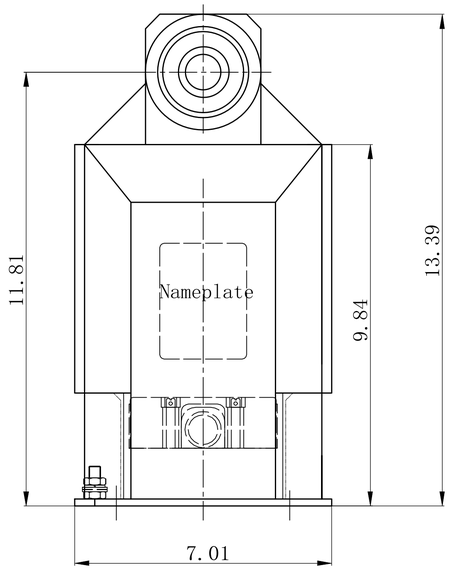
Secondary Connections: The potential transformer is equipped with a terminal block protected by a removable cover.

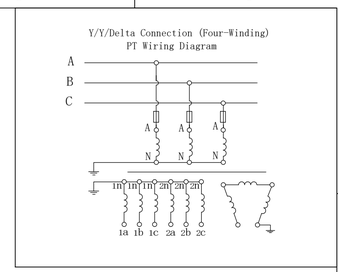
Benefits: The MT-MV-PT-R7-A21-GMN-15.5KV-SW.W-C0.3Y-Z-60HZ-RC-ID-M1 transformer offers many benefits to consumers. This transformer provides owners with significant energy savings, as well as offering environmental benefits. Higher efficiency not only extends the life of the transformer, but also turns into cost savings for owners in the form of lower energy bills and decreased cost of ownership.

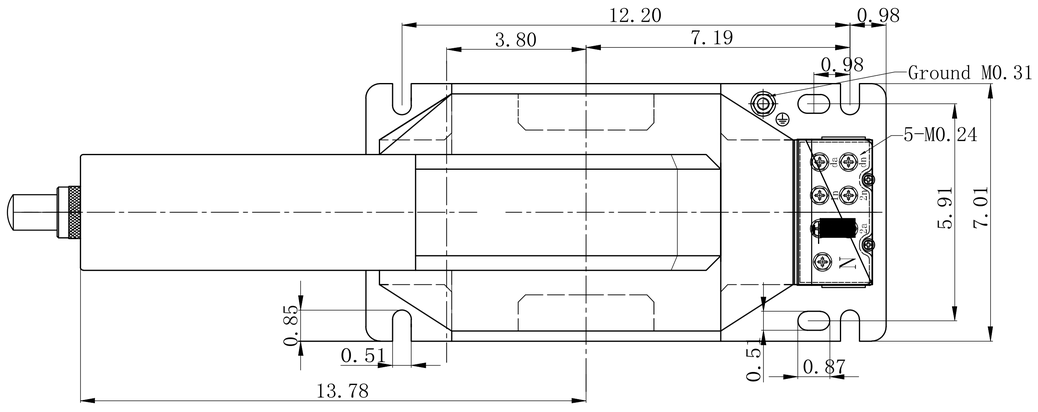
Applications: Electric power distribution, utilities, protective relaying, utility power generation, power grids, substations, metering, high voltage system control, step down transmission and more.

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.









Unit of measurement: inches

Loan (common) registration	
CAD Drawing	
Previous Drawing No.	
Master Drawing No.	
Signature	
Date	

LARSON MAGNETICS

Mark	Number	Changed file num	Signature	Date	Process		Standardization	
					Design		Approval	
					Verification		Date	2026-07-14

Outline Drawing

Drawing Name	
Requisition	

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Frequently Asked Questions (FAQ)

There are no Faqs