Larson Electronics LLC
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Phone: 800.369.6671

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MPD-EMC-R7-3P-YE-1.2KV-YE-3000.5CT-N3R-M1

1.2 kV Electrical Metering Cabinet, CT/PT Cabinet - 3-Phase - Dry Type - Pad Mount, Outdoor Service, NEMA 3R

Product ID: 335669

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



Image: MPD-EMC-R7-3P-YE-1.2KV-YE-3000.5CT-N3R-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.

MPD-EMC-R7-3P-YE-1.2KV-YE-3000.5CT-N3R-M1 Electrical Metering Cabinet (CT/PT Cabinet)

Unit Type: Electrical Metering Cabinet (EMC)
Unit Configuration: CT/PT Cabinet, Dry Type
Rated Frequency: 60 Hz
Phase: Three Phase
Min. Bus Rating: 3000 A
Voltage Rating: 600 V

Ratings

Complies with ANSI / IEEE C57.13
Complies with ANSI / IEEE C57.13.6
Complies with ANSI / IEEE C57.13.2
Complies with ANSI / IEEE C57.13.5

CT Specifications:

Quantity: (3)
Rated Voltage: 1.2 kV
Current Ratio: 3000:5
CT Design Form: Wound

PT Specifications (Provisions Only):

Quantity: (3)
Primary Voltage: 480Y/277V AC, Wye-N
Primary Voltage Class: 1.2 KV
Secondary Voltage: 120/69

Secondary Voltage Class: 1.2 KV
Voltage Ratio: 4:1

Insulating Material: Air, Dry Type
Meter Socket: Included, Form 9S
Ground Pads: Included in CT/PT Sides
Phase To Ground Compartment Barriers: Red Reinforced Polyester
Winding Material: Copper
Service Condition: Outdoor
Altitude: N/A
Ambient Temperature Rating: N/A
Hardware Materials: Stainless Steel
Enclosure Class: NEMA 3R Weatherproof
Nameplate Materials: Corrosion Resistant Stainless Steel w/ Stainless Steel Screws or Rivets For CT & VT
Paint Color: Munsell™ 7GY 3.29/1.5 Bell Green
Mounting Provisions: Pad Mount
Lifting Provisions: Included
Door Type: Single Door, Lockable, Hinged Front
ENTERGY Padlock Provision: Included
Dimensions: 60" W x 72" H x 24" D
Weight: 661.4 lbs

Special Orders- 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 MPD-EMC-R7-3P-YE-1.2KV-YE-3000.5CT-N3R-M1 Electrical Metering Cabinet from Larson Electronics is designed for power utility applications in outdoor locations. The low operating costs, low heat emissions and low cost of ownership makes this transformer an ideal solution for metering, high voltage system control and more. This cabinet is compatible with pad mounting installations.

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

Cabinet Features: The MPD-EMC-R7-3P-YE-1.2KV-YE-3000.5CT-N3R-M1 is rated for 1.2 kV, 60 Hz. The system has heavy-duty windings for high strength and thermal/electrical conductivity.

Insulation Fluid: The MPD-EMC-R7-3P-YE-1.2KV-YE-3000.5CT-N3R-M1 is dry type.

Primary Connections: The cabinet has NEMA 4-inch, 2-hole copper pad terminals for primary connections. The terminal conducting surface is horizontal. The current transfer point is tinned or silver plated.

Secondary Connections: This CT/PT cabinet has accessible terminal blocks for secondary connections. The terminal block is protected by a weatherproof, metal junction box located on the transformer base housing and features a large access door. Operators can access three 1.5" openings for completing connections.

Mount: The MPD-EMC-R7-3P-YE-1.2KV-YE-3000.5CT-N3R-M1 is pad mounted.

Benefits: The MPD-EMC-R7-3P-YE-1.2KV-YE-3000.5CT-N3R-M1 cabinet 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, utility power generation, power grids, substations, metering, high voltage system control 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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Export Control Classification Number (ECCN): EAR99

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- **Video1** (https://www.youtube.com/watch?v=4-JEyYeYcn8)
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