Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

MPD-EMC-R7-3P-DMN-15KV-YT-300.5CT-N3R-M2

15 kV Electrical Metering Cabinet, Combinations (CT/PT) - 3-Phase - Dry Type - Pad Mount, Outdoor Service

Product ID: 338752



Image: MPD-EMC-R7-3P-DMN-15KV-YT-300.5CT-N3R-M2

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-DMN-15KV-YT-300.5CT-N3R-M2 Electrical Metering Cabinet Combinations (CT/PT)

Unit Type: Electrical Metering Cabinet (EMC)
Unit Configuration: Combinations Current & Voltage Transformer (CT/PT), Dry Type
Rated Frequency: 60 Hz
Phase: Three Phase
Rated Current: 600A

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 (Included Provisions Only):

Quantity: (3)
Type: Bar Primary Type
Rated Voltage: 15.5 kV
Current Ratio: 300/150:5
Relaying Accuracy Class: T75
Metering Accuracy Class: 0.3 B-0.5
Continuous Thermal Rating Factor (@30°C): 2.0

PT Specifications (Included Provisions Only):

Quantity: (2)
Primary Voltage: 14400V Open Delta
Primary Voltage Class: 15 kV
Primary BIL: 110 kV

Secondary Voltage: 120V

Secondary Voltage Class: 1.2 kV

Voltage Ratio: 120:1

Thermal Rating (@30°C): 1000 VA

Metering Accuracy Class: 0.3 WXMY

Input Configuration: 600 amp dead break elbow, Set 31” max. above fixed floor

Output Configuration: 600 amp dead break elbow, Set 23” max. above fixed floor

Power Quality and Revenue Meter: Included, SEL 735, w/o Meter Socket

Insulating Material: Air, Dry Type

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
Dimensions: 31.5" x 78.7" x 31.5"
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-DMN-15KV-YT-300.5CT-N3R-M2 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 make 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-DMN-15KV-YT-300.5CT-N3R-M2 is rated for 15 kV, 60 Hz. The system has heavy-duty windings for high strength and thermal/electrical conductivity.

Insulation Fluid: The MPD-EMC-R7-3P-DMN-15KV-YT-300.5CT-N3R-M2 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 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-DMN-15KV-YT-300.5CT-N3R-M2 is pad mounted.

Benefits: The MPD-EMC-R7-3P-DMN-15KV-YT-300.5CT-N3R-M2 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.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Frequently Asked Questions (FAQ)

There are no Faqs