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MT-HV-PT-R7-B11-GXQ-145KV-YX.X-C0.2-C3P-60HZ-SF6-OD-M1

145 KV Potential Transformer - 132000Y/76300 Grounded Wye Primary, 115Y/66 x 115Y/66 Wye-N Secondary, Class 0.2 Metering Accuracy Class, 3P Protection Accuracy Class, SF6 Filled, Outdoor

Product ID: 321369



Image: MT-HV-PT-R7-B11-GXQ-145KV-YX.X-C0.2-C3P-60HZ-SF6-OD-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-HV-PT-R7-B11-GXQ-145KV-YX.X-C0.2-C3P-60HZ-SF6-OD-M1 Potential Transformer

Unit Type: Potential Transformer, High Voltage, Hermetically Sealed, SF6 Filled
Phase: Three Phase
Primary Voltage: 132000Y/76300 Grounded Wye
Secondary Voltage: 115Y/66 x 115Y/66 Wye-N
Voltage Ratio: 1156:1:1
Frequency: 60 Hz
ANSI Metering Accuracy Class: 0.2 x 0.2
ANSI Protection Accuracy Class: 3P x 3P
Burden Rating: 100 VA x 100 VA
Rated System Voltage: 145 kV
Voltage Factor: 1.2 Cont., 1.5 (30 sec.)
AC Withstand Voltage: 275 kV
Voltage BIL: 650 kV
Min. Creepage Distance: 176.96 inches
Arc Distance: 52.36 inches
Insulator Type: SF6
Gas Pressure: 58 PSI
Primary Connection: (2) Porcelain Insulator, Grey, w/ NEMA 4-Hole Terminals
Secondary Connection: Terminal Block

Ratings

Outdoor Service
Meets IEEE C57.13 Standard
Meets ANSI C12.11 Standard
Meets IEEE C57.12 Standard
Non-corroding Nameplate

Secondary Windings: (2)

Earthing Terminal: NEMA 2-Hole

Winding Material: Copper
Temperature Rise: 55°C

Pressure Gauge: Included

Lifting Holes: 4 x 1.38"

Service Condition: Outdoor
Altitude: 3,300ft (1000m) Above sea Level
Ambient Temperature Range: -40°C to +45°C
Housing Materials: Hot Dip Galvanized Steel
Mount: Upright or Cantilever Position
Mounting Holes: Included, (4) x 0.71" Fixed Holes, 19.69"-W x 17.72"-D Spacing
Dimensions: 34.9"-W x 28.5"-D x 108.98"-H
Weight: 1212..5 lbs

Special Orders - Special Requirements
Contact us for special requirements
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The MT-HV-PT-R7-B11-GXQ-145KV-YX.X-C0.2-C3P-60HZ-SF6-OD-M1 Potential Transformer from Larson Electronics facilitates power distribution in outdoor 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 outdoor 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 132000Y/76300 Grounded Wye primary and 115Y/66 x 115Y/66 Wye-N secondary and has a metering accuracy of 0.2 at 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 terminal block protected by a removable cover.

Benefits: The MT-HV-PT-R7-B11-GXQ-145KV-YX.X-C0.2-C3P-60HZ-SF6-OD-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