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MT-HV-PT-R7-A11-GXK-145KV-SX.LM-C0.3WXYZZZ-Z-60HZ-OL-OD-M3

145 KV Potential Transformer - 138000Y/80500 Primary, 115/67.08V Secondary, Class 0.3 W, X, Y, Z, ZZ, Oil Filled

Product ID: 327302

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



Image: MT-HV-PT-R7-A11-GXK-145KV-SX.LM-C0.3WXYZZZ-Z-60HZ-OL-OD-M3

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-A11-GXK-145KV-SX.LM-C0.3WXYZZZ-Z-60HZ-OL-OD-M3 Potential Transformer

Unit Type: Potential Transformer, High Voltage, Hermetically Sealed, Oil Filled
Primary Voltage: 138000Y/80500
Secondary Voltage: 115/67.08V
Voltage Ratio: 1200/700:1
Frequency: 60 Hz
ANSI Metering Accuracy Class: 0.3
Burden: W, X, Y, Z, ZZ
Rated System Voltage: 145 kV
Voltage BIL: 650 kV
1 Minute Dry Withstand Voltage: 275 kV
10 Second Wet Withstand Voltage: 275 kV
Over Voltage Factor: 1.1 Cont., 1.73 (60 sec.)
Thermal Burden Rating: 5,000 VA
Min. Creepage Distance: 168.50" (4,280 mm)
Arc Distance: 52.36 inches
Insulator Type: Mineral Oil, Non-PCB
Fluid Weight: 176.37 lbs
Primary Connection: (1) Composite Insulator, Grey, w/ NEMA 4-Hole Terminals
Secondary Connection: Stud Terminal Type

Features/Ratings

Outdoor Service
Meets ANSI C12.11 Standard
Meets IEEE C57.12 Standard
Meets IEEE C57.13 Standard
Non-corroding Nameplate
Composite Insulator (Polymer)
Removable Gland Plate
Protection against trace amounts of H2S, SO2, coke dust.

Secondary Windings: (2) X & Y
Secondary Junction Box: Upgraded from standard size
Ground Terminal: Stainless Steel NEMA 2-Hole
Support Frame Ground Lugs: Suitable for #4/0 awg Cu
ACSR termination Lugs: 477 MCM, BURNDY CAT #NAR36A-4N (for each pad)
Lug Afiixing Hardware: 2"-13NC, Durium Bolts, Washers & Nuts
Winding Material: Copper
Temperature Rise: 55^{O}C
Oil Level Indicator: Included
Oil Expansion Device: Included
Oil Valve: Included
Lifting Holes: 4 x 1.38"
Type of Dome: Aluminum
Service Condition: Outdoor
Altitude: Up to 3,300ft (1000m) Above sea Level
Wind Speed Rating: 93 mph (150 kph)
Ambient Temperature Range: -20^{O}C to +50^{O}C
Area Classification: Unclassified
Housing External Metal Parts: Hot Dip Galvanized Steel (ASTM Standards)
Mount: Upright or Cantilever Position
Mounting Holes: Included, (4) x 0.71" Fixed Holes, 19.69"-W x 17.72"-D Spacing
Dimensions: 33.47" x 29.53" x 106.3"
Weight: 2,204.62 Lbs

Special Orders - Special Requirements
Contact us for special requirements
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The MT-HV-PT-R7-A11-GXK-145KV-SX.LM-C0.3WXYZZZ-Z-60HZ-OL-OD-M3 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 138000Y/80500 primary and 115/67.08V secondary and has a burden of W, X, Y, Z, ZZ 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 a terminal block protected by a removable cover.

Benefits: The MT-HV-PT-R7-A11-GXK-145KV-SX.LM-C0.3WXYZZZ-Z-60HZ-OL-OD-M3 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

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