Model Jvw-110c
Outdoor Voltage Transformer
110 kV BIL, 15 kV NSV

Application
Designed for indoor service; suitable for operating meters, instruments, relays, and control devices.

Insulation Level
15.5 kV Maximum System Voltage;
110 kV BIL per IEEE C57.13

Thermal Rating
30 °C Rise Above 30 °C Ambient...1,000 VA
55 °C Rise Above 50 °C Ambient......750 VA

Frequency
60 Hz

Dimensions and Weight
Height: 15.65”
Depth: 13.36”
Width: 11.50”
Weight (Approximate)..............................62 lbs

General Information
The Jvw-110c is manufactured in GE’s Clearwater, FL, plant utilizing state-of-the-art Automated Pressure Gelation (APG) processes and Hydrophobic Cycloaliphatic Epoxy (HCEP) for the entire line of 15 kV outdoor voltage transformers. Insulation levels meet or exceed those specified in IEEE C57.13 and CSA CAN3-C13. Dimensions meet IEEE C12.11. Superior designs, HCEP epoxy, and APG processes are combined to create a superior product. Benefits of HCEP over CEP include lower leakage currents, lower flashover probability, less discharge activity, less erosion from ultra violet (UV) radiation, enhanced thermal cycle resistance, and ultimately better reliability and improved life expectancy.

Jvw-110c

<table>
<thead>
<tr>
<th>Rated Primary Voltage</th>
<th>Ratio</th>
<th>IEEE Metering Accuracy</th>
<th>Rated Voltage Factor</th>
<th>Thermal Rating (VA @ 30 °C. amb)</th>
<th>Catalog Number</th>
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Double Bushing

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Type JWW-110C Single Bushing

**General Construction**
- Insulation - Hydrophobic Cycloaliphatic Epoxy (HCEP)
- Baseplate - Heavy gage marine grade aluminum
- Conduit box - Cast aluminum, removable, 1" threaded hubs
- Nameplate - Anodized aluminum
- Mounting - Horizontal, Vertical, Inverted

**HCEP Resin Features**
- Ideal for outdoor applications
- Excellent water repellent characteristics
- High mechanical properties
- Excellent dielectric properties - stable in outdoor humid conditions
- Enhanced thermal cycle resistance
- High resistance to erosion from ultra violet (UV) radiation
- High tracking and arc resistance
- Extended service life

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**Worldwide Contact Center**
Web: www.GEGridSolutions.com/contact
Phone: +44 (0) 1785 250 070
USA and Canada: +1 (0) 800 547 8629
Europe, Middle East and Africa: +34 (0) 94 485 88 00