Type VOY-11
Outdoor voltage transformer

Product features
- 15 kV outdoor
- 110 kV BIL, 60 Hertz
- Primary volts: 7200 - 14400
- Electrical clearances:
  Strike: 10.75" (273 mm)
  Creep: 17.63" (448 mm)

Application
The VOY-11 outdoor voltage transformer is designed for outdoor metering applications.

Construction features
The primary and secondary coils are wound using special winding and shielding techniques for improved voltage stress distribution. The entire core and coil assembly is cast in polyurethane under a vacuum.

Terminals
The primary line terminals are electro-tin plated copper and accommodate #10 to 250 MCM conductors. Secondary terminals are clamp-type and sized for #14 through #3 wire. A ground terminal is also provided for grounding the secondary circuit at the transformer.

Junction box
The junction box is provided with 1" pipe thread conduit hubs on each end and a knock-out for fitting a conduit connection from the bottom. It may be detached for ease of installation and changeout procedures.

Baseplate
The base is constructed of corrosion-resistant aluminum and is secured to the encapsulated base support.

Mounting
The VOY-11 can be mounted in upright, cantilever, or upside-down positions. Stress relief devices should be used to support cable connections.

Test reports
IEEE test reports are stored electronically and can be e-mailed in various formats at the time of shipment.

Standards
This unit can be tested to all applicable IEEE, CSA, or IEC standards as requested.
**Unit dimensions**

![Diagram of unit dimensions]

**Type VOY-11**

(Approximate weight: 62 lbs.)

**VOY-11 baseplate**

**Optional accessories**

- Vertical mounting with mounting brackets & back-up plates:
  - Mounting bracket: 463C035G02
  - Back-up plate: 28D2876G01
- Vertical mounting with mounting brackets and hangers:
  - Mounting bracket: 463C035G02
  - Hangers: 261A233G01
- Vertical mounting with channel brackets for tandem mounting of voltage and current transformers:
  - Channel bracket: 332B955G02
- Horizontal mounting with hangers:
  - Hangers: 261A233G01

For more information please contact:

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**VOY-11 selection guide**

<table>
<thead>
<tr>
<th>Primary voltage</th>
<th>Winding ratio</th>
<th>IEEE metering accuracy</th>
<th>Thermal rating+</th>
<th>Style number</th>
</tr>
</thead>
<tbody>
<tr>
<td>7200/12470Y</td>
<td>60:1</td>
<td>0.3 W, X, M, Y</td>
<td>1500</td>
<td>7525A23G05</td>
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<td>7620/13200Y</td>
<td>63.5:1</td>
<td>0.3 W, X, M, Y</td>
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<td>70:1</td>
<td>0.3 W, X, M, Y</td>
<td>1500</td>
<td>7525A23G07</td>
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<td>0.3 W, X, M, Y</td>
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<tr>
<td>13200/13200Y</td>
<td>110:1</td>
<td>0.3 W, X, M, Y</td>
<td>1500</td>
<td>7525A23G09</td>
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<tr>
<td>14400/14400Y</td>
<td>120:1</td>
<td>0.3 W, X, M, Y</td>
<td>1500</td>
<td>7525A23G10</td>
</tr>
</tbody>
</table>

+ Thermal rating at 30°C

Additional styles available upon request. Contact your ABB sales representative or call +1-252-827-3212 for more information.