The VOG-15R is a lightweight voltage transformer with ResiVolt transient resistant technology, designed for use in line-to-ground metering and recloser applications.

**Product features**
- 25 kV, outdoor
- 150 kV BIL, 60 Hertz
- Electrical clearances:
  - Strike: 17.72" (450 mm)
  - Creep: 38.47" (977 mm)
- Approximate weight: 85 lbs (39 kg)

**Industry leading performance**
- Excellent withstand capability against steep wave power network transients improves reliability and increases safety in recloser applications
- Enhanced creep distance provides outstanding flashover resistance and increased surface area for better heat dissipation
- Encapsulated in advanced HCEP (hydrophobic cycloaliphatic epoxy) material, providing unparalleled performance in outdoor applications, including wet or polluted environments and coastal applications

**Application**
- Ideal for recloser applications up to 150 kV BIL
- Designed with ResiVolt technology to withstand challenging environments where very fast transient over-voltages (VFTO), such as those caused by line switching devices, are present
- Optimal solution for line-to-ground metering applications; offers superior performance in a compact design

**Terminals**
- The electro-tin plated primary H1 bushing terminal accommodates #10 to 250 MCM conductors
- The H2 neutral terminal is insulated to withstand a 19 kV test level and can be disconnected from the external ground cable for power factor measurement
- Clamp-type secondary terminals accommodate #14 through #3 wire

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

**Standards**
- This unit meets or exceeds all requirements of IEEE C57.13-2016 and can be tested to other standards as requested
- Meets IEC 61869-3, clause 7.2.3 and CAN/CSA 411.1, clause 6.6 requirements for basic impulse and fast impulse transient withstand
## Selection guide

<table>
<thead>
<tr>
<th>Primary voltage</th>
<th>Secondary voltage</th>
<th>Winding ratio</th>
<th>Metering accuracy</th>
<th>Thermal rating at 30° C</th>
<th>Rated voltage factor (RVF)</th>
<th>Style number</th>
</tr>
</thead>
<tbody>
<tr>
<td>7200/12470GY</td>
<td>120</td>
<td>60:1</td>
<td>0.3Y</td>
<td>1000</td>
<td>1.25</td>
<td>E-923A592G02</td>
</tr>
<tr>
<td>8400/14560GY</td>
<td>120</td>
<td>70:1</td>
<td>0.3Y</td>
<td>1000</td>
<td>1.25</td>
<td>E-923A592G05</td>
</tr>
<tr>
<td>12000/20780GY</td>
<td>120</td>
<td>100:1</td>
<td>0.3Y</td>
<td>1000</td>
<td>1.25</td>
<td>E-923A592G03</td>
</tr>
<tr>
<td>13200/22860GY</td>
<td>120</td>
<td>110:1</td>
<td>0.3Y</td>
<td>1000</td>
<td>1.25</td>
<td>E-923A592G04</td>
</tr>
<tr>
<td>13800/23900GY</td>
<td>120</td>
<td>115:1</td>
<td>0.3Y</td>
<td>1000</td>
<td>1.25</td>
<td>E-923A592G06</td>
</tr>
<tr>
<td>14400/24940GY</td>
<td>120</td>
<td>120:1</td>
<td>0.3Y</td>
<td>1000</td>
<td>1.25</td>
<td>E-923A592G01</td>
</tr>
</tbody>
</table>

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