The KON-11ER extended range outdoor current transformer is designed for metering outdoor 15 kV systems. With a wide operating range, the KON-11ER preserves stated accuracies and reduces inventory requirements.

**Product features**
- 15 kV outdoor, 110 kV BIL, 60 Hertz
- Primary amperes: 200 & 1000
- Electrical clearances:
  - Strike: 8.8” (224 mm); Creep: 19.5” (495 mm)
- Approximate weight: 44 lbs (20 kg)

**Application**
The KON-11ER extended range outdoor current transformer is designed for metering outdoor 15 kV systems. Ideal for use in cogeneration and in applications where there are large power exchanges, the unit preserves stated accuracies with loads ranging from 1% of the full rated current through the rating factor. The KON-11ER provides value by reducing inventory requirements due to its wide operating range in conventional metering applications. The KON-11ER is not suitable for relaying applications.

**Construction features**
Primary and secondary windings are assembled around a toroidal core and attached to a support frame. For insulation and protection, the assembly is cast in hydrophobic cyaloaliphatic epoxy (HCEP) using automatic pressure gelation. The HCEP material offers superior arc track, ozone, and ultraviolet-resistive properties while maintaining physical strength. The hydrophobic surface properties of HCEP ensure highly reliable performance in wet or humid conditions.

**Extended range**
ABB’s extended range design delivers high accuracy and stable performance over a wide load swing, making it a great fit for variable load applications such as solar or wind generation sites. Accuracy is guaranteed to be +/- 0.15% from 1% of nominal current through rating factor. ABB’s extended range units deliver savings through improved accuracy metering and reduced inventory.

**Benefits of HCEP material**
- Enhanced water shedding
- Improved UV protection
- Reduced external leakage currents
- Recommended for highly contaminated environments

**Terminals**
Primary terminals are electro-tin plated copper. Clamp-type secondary terminals accommodate #14 to #1 wire. Terminal screws are slotted-head type.
**Junction box**
The junction box has a 1" diameter conduit entrance from three directions and is removable for simplified changeout.

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

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

**Unit dimensions (inches [mm])**

**Baseplate dimensions (inches [mm])**

**KON-11ER selection guide**

<table>
<thead>
<tr>
<th>Primary ampere rating</th>
<th>Rating factor at 30° C</th>
<th>Metering accuracy</th>
<th>Thermal rating*</th>
<th>Mechanical rating+</th>
<th>Style number</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>1.5</td>
<td>0.15B-1.8</td>
<td>75</td>
<td>200</td>
<td>E-923A427G01</td>
</tr>
<tr>
<td>1000</td>
<td>1.5</td>
<td>0.15B-1.8</td>
<td>60</td>
<td>162</td>
<td>E-923A427G02</td>
</tr>
</tbody>
</table>

Relay accuracy: not to be used for relay applications

* Accuracy range: 1% to 150% I\textsubscript{RATED}

+ times normal

For 50 Hz styles, contact the factory.

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

**Optional accessories:**
Vertical mounting with mounting brackets and 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

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