The KON-12 outdoor current transformer is used for metering and relaying on outdoor 25 kV circuits.

Product features
- 25 kV outdoor
- 125 kV BIL, 60 Hertz
- Primary amperes: 5 - 1000
- Electrical clearances:
  - Strike: 8.8" (224 mm)
  - Creep: 19.5" (495 mm)
- Approximate weight: 44 lbs (20 kg)

Application
The KON-12 outdoor current transformer is used for metering and relaying on outdoor 15 kV circuits.

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 cycloaliphatic epoxy (HCEP). 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 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-12 can be mounted in upright, cantilever, or upside-down positions. Stress relief devices should be used to support cable connections.

Test reports
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. This unit is tested in accordance with IEEE C57.13.6-2016 for high accuracy instrument transformers.
The information contained in this document is for general information purposes only. While ABB strives to keep the information up to date and correct, it makes no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability, suitability or availability with respect to the information, products, services, or related graphics contained in the document for any purpose. Any reliance placed on such information is therefore strictly at your own risk. ABB reserves the right to discontinue any product or service at any time.