The RCT indoor current transformer is used for metering and relaying applications in medium voltage (5 - 15 kV) switchgear.

**Product features**
- 2500 volt test, indoor
- 10 kV BIL
- 25 - 400 Hertz

**Application**
The RCT indoor current transformer is used for relaying and metering applications in medium voltage (5 - 15 kV) switchgear. The RCT-5 is sized for 5 kV switchgear. The RCT-15 and RCT-7 are sized for 15 kV switchgear, with the number “7” indicating a larger 7” window for higher currents. Dual and multi-ratio units are available.

**Construction features**
The ring-type core is insulated and toroidally wound with a fully distributed secondary winding.

**Secondary terminals**
Secondary terminals are electro-tin plated copper 10-32 terminal taps.

**Curves**
Saturation, overcurrent, ratio correction factor, and phase-angle curves are available upon request.

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

**Standards**
This unit meets all applicable IEEE and NEMA standards.
### Dimensions (inches [mm])

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>Ratios normally supplied</th>
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* Except for dimension ‘A’, the RCT-7 is the same as RCT-15.

### Mounting hole locations

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### Selection guide

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<th>Primary ampere rating</th>
<th>IEEE metering accuracy @ 60 Hz</th>
<th>Rating factor @ 30°C</th>
<th>Thermal rating*</th>
<th>Mechanical rating*</th>
<th>IEEE relaying accuracy @ 60 Hz</th>
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Note: secondary current is 5 amperes at primary current

* times rated current, 1 second

+ times rated current

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