

RCT1A

Industrially specified current transformer replacement



RCT1A- Thin, flexible, clip-around, current transformer replacement, 1A output

The RCT1A is a genuine Current Transformer (CT) replacement but has all the intrinsic benefits of a thin, light-weight, flexible, clip-around Rogowski (sense) coil. Just like a CT the RCT1A secondary output is an industry standard 0 to 1A (5VA pf 1) instantaneous current proportional to the measured primary current.

Typically the RCT1A is used with power, current and power quality meters and is an ideal replacement for CTs in retrofit applications to avoid plant shutdown, applications with limited space for installation and particularly where existing monitoring equipment designed for a 0 to 1A CT input is installed.

The RCT1A is an ideal replacement for a traditional current transformer (CT's) and has the advantages:

- Easy to retrofit
- Simple to install in applications where space is limited
- The size of the Rogowski coil can be specified independently of the primary current
- Does not suffer from magnetic saturation
- Intrinsically safe - No danger of open circuit secondaries
- Equivalent to Class 1 CT or better (phase error <0.5 degrees (45 to 65Hz).

PEMI
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