



AC CURRENT SENSOR CT-10-50A

φ10mm Opening With 5 To 80 Amp Rating

DESCRIPTION

CT-10-50A Series split-core current senses AC current from 5 to 80 Amps passing through the center conductor. Split core CTs are designed for fast and easy installation. The split core design permits non-contact current measurements through magnetic field induction without requiring that the primary wire be taken offline and disconnected for CT installation. This method permits a safer, easy and portable current measurement.

FEATURES

Small size, low cost

High secondary turns

Secure locking hinge

Specifications:

Maximum continuous primary current 80 A AC

Current Ratio: 500:1, 1000:1, 2000:1, 2500:1, 3000:1

Output: mA or 0.333 Volt at rated current

Accuracy: ± 1% from 5% to 120% of rated current

Insulation Voltage: 600Vac

Maximum Primary Voltage: 5000Vac (Insulated Conductor)

Phase angle: Less than 2 degrees at 50% of rated current

Frequency Range: 50 Hz to 400 Hz

Operating Temperature: -15°C to 60°C.

Leads: 4 Foot (105cm), UL 1015, Twisted Pair, 0.34 mm² (22AWG)

CE, UL recognized, and RoHS compliant

Output and leads can be customized

APPLICATIONS

Portable instruments

Sub-metering

Monitor motor loads

