



AC CURRENT SENSOR CT-16-100A

φ16mm Opening With 50 To 120 Amp Rating

DESCRIPTION

CT-16-100A Series split-core current senses AC current from 50 to 120 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

Maximum continuous primary current 120 A AC
 Output: mA or 0.333 Volt at rated current
 Current Ratio: 500:1,1000:1,2000:1,2500:1,3000: 1
 Maximum Primary Voltage: 5000Vac(Insulated Conductor)
 Phase angle: Less than 1.5 degrees at rated current
 Frequency Range: 50 Hz to 400 Hz
 Accuracy: ± 1% from 5% to 120% of rated current
 Operating Temperature: -15 C to 60 C.
 Insulation Voltage: 600Vac
 Leads: 4Foot(105cm), UL 1015, Twisted Pair, 24AWG
 CE ,ETL recognized, and RoHS compliant
 Output and leads can be customized

APPLICATIONS

Sub-Metering Accurate Measurement
 Data Loggers to analyze Building & Machinery Performance
 Digital Fault Recorders
 Smart Grid Application Features
 Load Center
 Three Phase Balance Control
 In-Factory Display In-Home Display
 Inverters for Solar & Wind Turbine Systems
 Power Measurement Device For PLC

