



T-MAG-SCT-100 Sensor

100 AMP Split-core AC Current Transformer Sensor

The Magnelab AC Current 100 Amp AC Current Transformer or CT (Magnelab part # SCT-1250-100) is mounted around a current carrying wire to measure AC Amperage. This CT provides 333mV output proportional to current and is used with the FlexSmart TRMS Module for True RMS measurement of sinusoidal and non-sinusoidal waveforms. The result is accurate current measurement for many types of equipment, including variable frequency drives and switched power sources. One or two CTs can be used with each FlexSmart TRMS Module.



Supported Measurements:

AC Current and Amps (A)

Key Advantages:

- Rated input from 10 to 100 AMP
- Output 0.333 Volt AC at rated current
- Linearity accuracy $\pm 1\%$
- Accuracy at 10% to 130% of rated current
- Split-core design for fast, easy installation
- 8 ft. (2.44m) 22 AWG twisted pair leads
- 1.25" Opening

T-MAG-SCT-100 Sensor Specifications

- Rated input from 0 Amp to 100 Amp
- Output 0.333 Volt AC at rated current
- Operates from 30 Hz to 1,000 Hz
- Phase angle < 2 degrees measured at 50% rated current
- Linearity accuracy $\pm 1\%$
- 8 ft. twisted-pair lead
- UL, c(UL) recognized, CE, and RoHS compliant
- Accuracy at 10% to 130% of rated current
- Custom output and other parameters are available
- Width: 3.25 inches
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- Thickness: 1.00 inches
- Window: 1.25 inches