



1 - 5 AMP Mini Split-core AC Current Transformer

Product Images



Short Description

The small size 1-5 AMP split-core AC Current Transformer (CT) is mounted around a current carrying wire to measure AC amperage. This CT provides a 0 to .333 Volt AC output proportional to current flow and is used with Onset loggers via the FlexSmart TRMS module (Part # S-FS-TRMSA-D) and with kWh transducers (WattNodes) for True RMS measurement of sinusoidal and non-sinusoidal waveforms. The result is an accurate current measurement for many types of electrical equipment.

Description

The small size 1-5 AMP split-core AC Current Transformer (CT) is mounted around a current carrying wire to measure AC amperage. This CT provides a 0 to .333 Volt AC output proportional to current flow and is used with Onset loggers via the FlexSmart TRMS module (Part # S-FS-TRMSA-D) and with kWh transducers (WattNodes) for True RMS measurement of sinusoidal and non-sinusoidal waveforms. The result is an accurate current measurement for many types of electrical equipment.

Features:

- UL recognized, CE and RoHS compliant
- Split-core design for fast, easy installation
- Precision burden resistor
- 8 ft. (2.44m) 24 AWG twisted pair leads
- 0.40" (10.15mm) Opening
- Environment:
- The T-MAG-0400-05 Sensor is for use in Indoor environments

Specifications:

- Rated input from 1 to 5 AMP
- Output 0.333 Volt AC at rated current
- Operates from 50 Hz to 400 Hz
- UL Recognized, CE and RoHS compliant
- Linearity accuracy $\pm 1\%$
- 8 ft. twisted-pair lead
- Accuracy at 10% to 130% of rated current
- Self-locking mechanism guaranteed for 500 closing

Measurements:

The T-MAG-0400-05 Sensor supports the following measurements : AC Current

Additional Information

Brand	Onset HOBO
Housing	Split-Core
Range	0.5 - 5 AAC
Typical applications	Energy, Environmental (Indoor)
Measurements	Current AC
Compatible With	U30, H21, H22