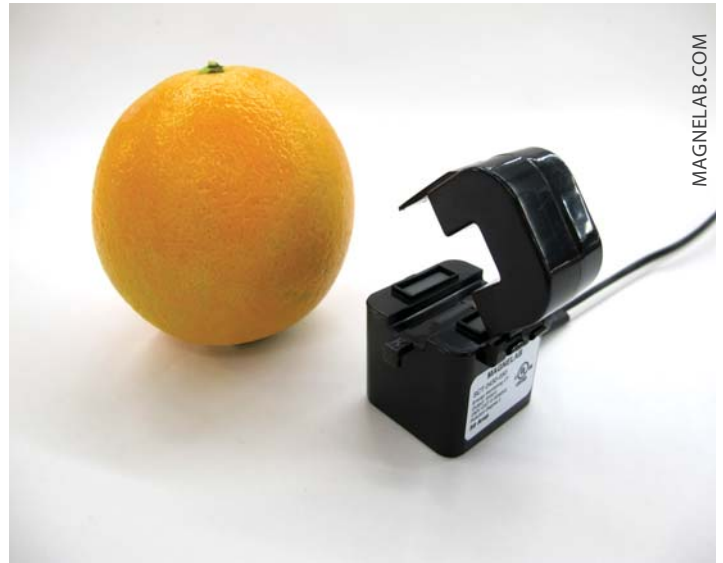


MAGNELAB

UL Listed Current Transformers SCT-0450

0.47 inch Opening with Ratings Up to 50 Amps

Magnelab's Split-Core Sensors measure AC current up to 50 Amps passing through the center conductor. Split-core transformers are ideal for installation on existing electrical wiring by snapping around the conductor. The SCT series have a self-locking mechanism.



MAGNELAB.COM

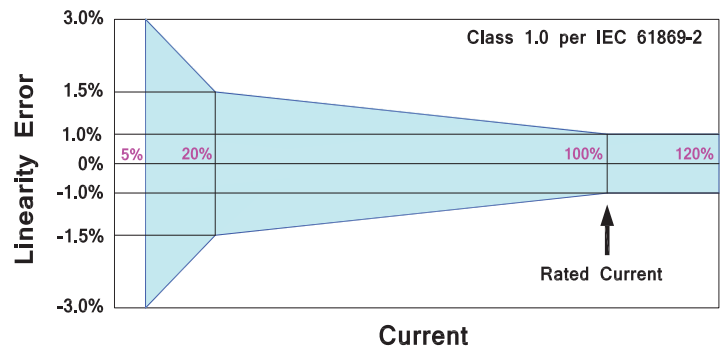
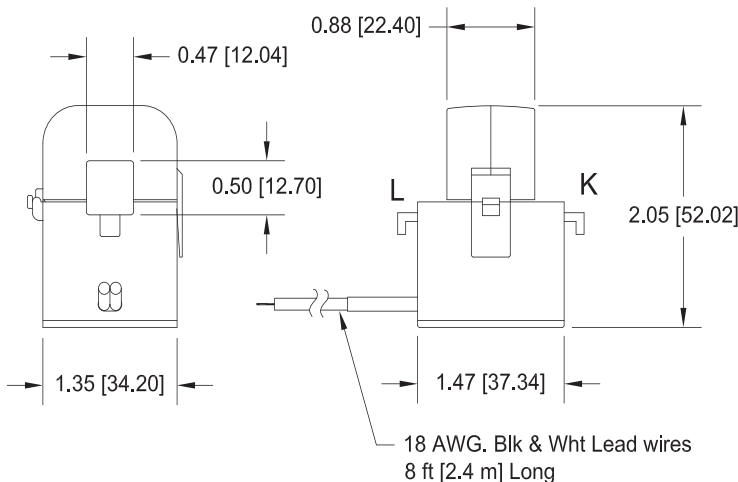
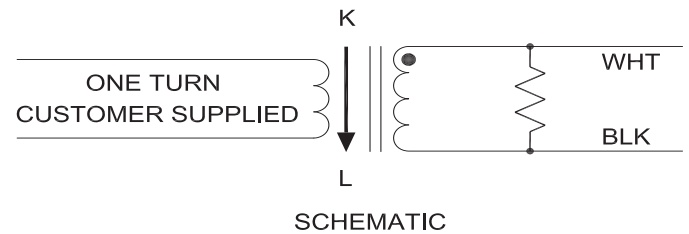
SPECIFICATIONS

Rated Primary Current	50 Amp
Rated Output	0.333 V (AC) at rated current
Accuracy	1.0 Class per IEC 61869-2
Phase Displacement	< 1.0° measured at rated current
Temperatures	Operating: -40°C to 70°C Storage: -45°C to 85°C
Environment Rating	95% Relative Humidity, 2000 m Altitude, Pollution Degree 2
Leads	Length: 8 ft (2.4 m) 18 AWG Black & White Rating: 600 V (UL 1015)
Rated Voltage	250 V CAT III on Primary Conductor
Insulation Voltage	3,510 V for AC insulation (1 min)
Rated Current Frequency	50-400 Hz
Minimum impedance	75 kΩ
Certifications	UL Listed 2808 (XOBA), Conforms to IEC 61010-1
Weight	0.37 lb, 168.8 grams with lead wires

APPLICATIONS

- Energy Sub-metering
- Network equipment
- Smart Home Energy Management System
- Power Generation Monitoring
- Industrial Pump Monitoring
- Solar Consumption Monitoring
- Lifecycle Management of Equipment

MODEL NUMBER	RATING
SCT-0450-050	50 Amp, 0.333 Volt



Dimensions are in Inches and (Millimeters)