

### Split-Core AC Current Sensor

2.00" ID Opening with 100 TO 1500 AMP Ratings

Split-core current transformers "sense" AC current from 100 to 1500 Amps passing through the center conductor. Split-core transformers are ideal for installation on existing electrical wiring by snapping around the conductor. The Magnelab SCT series have one of the highest industry standards both for interleaving joints and the self-locking mechanism.



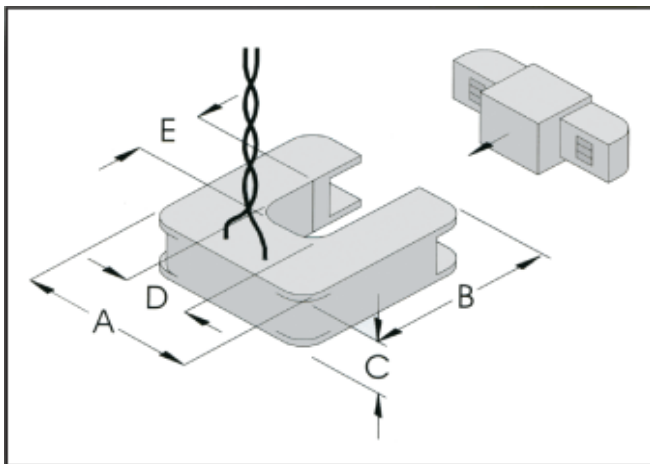
#### FEATURES

- Operates from 50 Hz to 400 Hz
- Rated input from 100 Amp to 1500 Amp
- Phase angle < 2 degrees measured at 50% rated current
- 0.333 Volt AC output at rated current
- 8 ft. twisted-pair lead
- Accuracy  $\pm 1\%$
- UL recognized
- Accuracy at 10% to 130% of rated current
- Custom output and other parameters are available

#### Current Sensor Part Numbers

PART NUMBER	RATING	UNITS
SCT-2000-100	100 AMP	100 AMP
SCT-2000-200	200 AMP	200 AMP
SCT-2000-300	300 AMP	300 AMP
SCT-2000-400	400 AMP	400 AMP
SCT-2000-600	600 AMP	600 AMP
SCT-2000-800	800 AMP	800 AMP
SCT-2000-1000	1000 AMP	1000 AMP
SCT-2000-1200	1200 AMP	1200 AMP
SCT-2000-1500	1500 AMP	1500 AMP

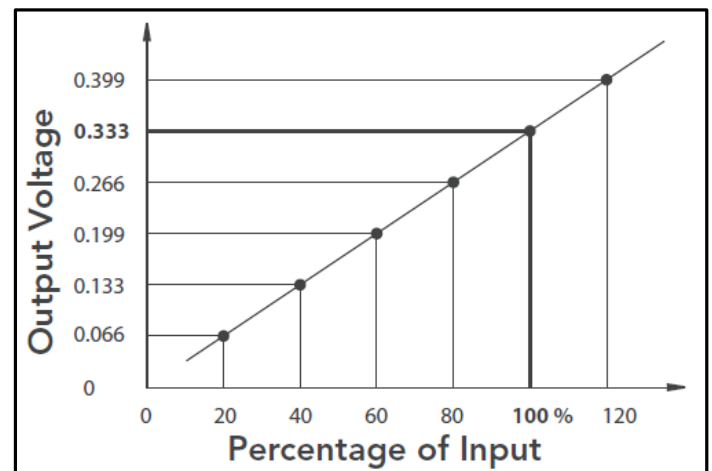
#### Dimensions Diagram



#### Dimensions Values

DIMENSION	VALUE	UNITS
A	4.750	INCH
B	5.000	INCH
C	1.200	INCH
D	2.000	INCH
E	2.000	INCH

#### Current Sensor Output Voltage/Input Current



#### Wiring Diagram

