

## Split-Core AC Current Sensor

0.75" ID Opening with 1 TO 200 AMP Ratings

Split-core current transformers "sense" AC current from 1 to 200 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

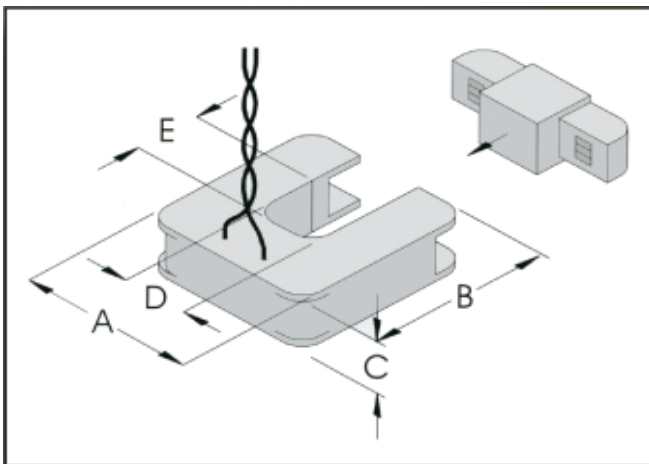
- Operates from 50 Hz to 400 Hz
- Rated input from 1 Amp to 200 Amp
- Phase angle < 2 degrees measured at 50% rated current
- 0.333 Volt AC output at rated current
- 8 ft. twisted-pair lead
- Accuracy  $\pm 1\%$
- UL recognized
- Accuracy at 10% to 130% of rated current
- Custom output and other parameters are available

### Current Sensor Part Numbers

PART NUMBER	RATING	UNITS
SCT-0750-000	NO BURDEN RESISTOR	N/A
SCT-0750-005*		5 AMP
SCT-0750-010		10 AMP
SCT-0750-030		30 AMP
SCT-0750-050		50 AMP
SCT-0750-070		70 AMP
SCT-0750-100		100 AMP
SCT-0750-150		150 AMP
SCT-0750-200		200 AMP

\*Phase Angle Slightly Higher

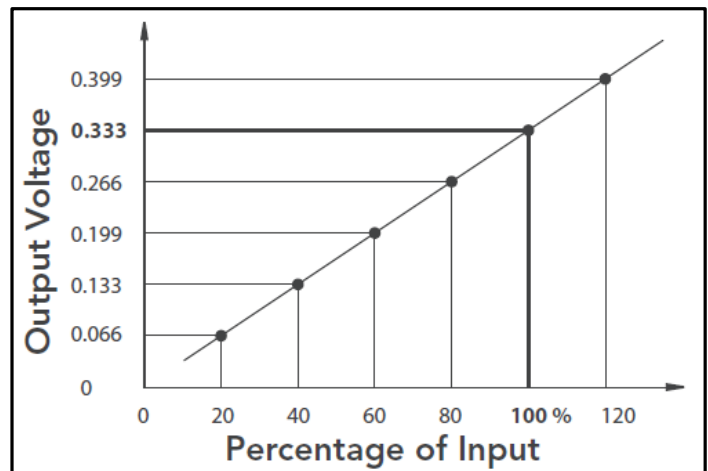
### Dimensions Diagram



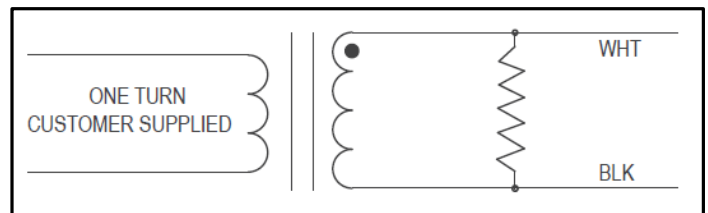
### Dimensions Values

DIMENSION	VALUE	UNITS
A	2.000	INCH
B	2.100	INCH
C	0.610	INCH
D	0.750	INCH
E	0.750	INCH

### Current Sensor Output Voltage/Input Current



### Wiring Diagram



[www.OpensourceMeter.com](http://www.OpensourceMeter.com)

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