

## Split-Core AC Current Sensor

1.25" ID Opening with 50 TO 600 AMP Ratings

Split-core current transformers "sense" AC current from 50 to 600 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.



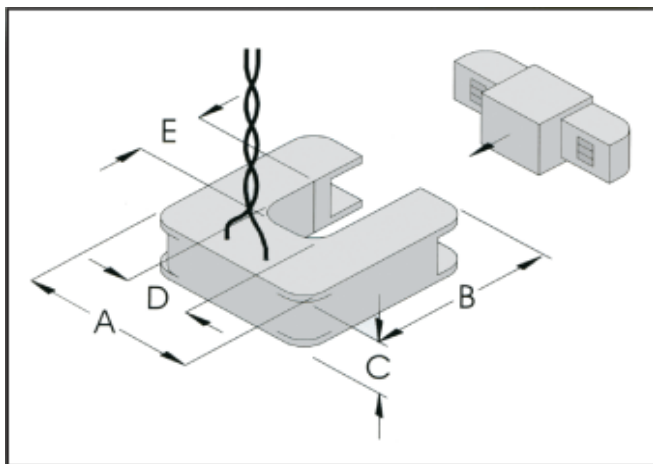
### FEATURES

- Operates from 50 Hz to 400 Hz
- Rated input from 50 Amp to 600 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-1250-050		50 AMP
SCT-1250-070		70 AMP
SCT-1250-100		100 AMP
SCT-1250-150		150 AMP
SCT-1250-200		200 AMP
SCT-1250-250		250 AMP
SCT-1250-300		300 AMP
SCT-1250-400		400 AMP
SCT-1250-600		600 AMP

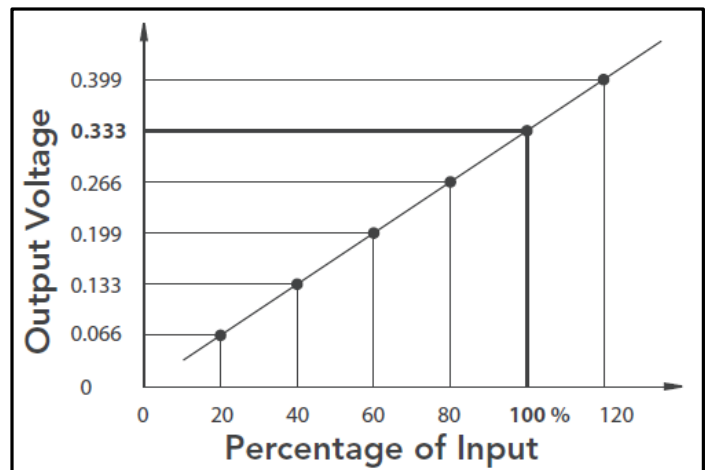
### Dimensions Diagram



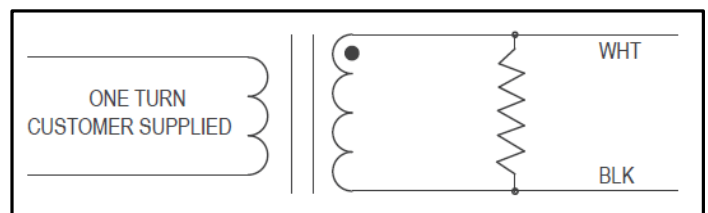
### Dimensions Values

DIMENSION	VALUE	UNITS
A	3.250	INCH
B	3.350	INCH
C	1.000	INCH
D	1.250	INCH
E	1.250	INCH

### Current Sensor Output Voltage/Input Current



### Wiring Diagram



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

1-866-458-5528

[info@OpensourceMeter.com](mailto:info@OpensourceMeter.com)