

Split-Core AC Current Sensor

3.00" ID Opening with 400 TO 3000 AMP Ratings

Split-core current transformers "sense" AC current from 400 to 3000 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.



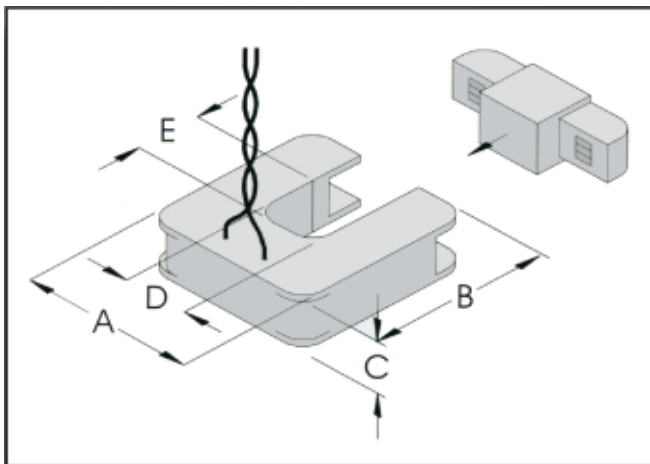
FEATURES

- Operates from 50 Hz to 400 Hz
- Rated input from 400 Amp to 3000 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-3000-400	400 AMP	400 AMP
SCT-3000-600	600 AMP	600 AMP
SCT-3000-800	800 AMP	800 AMP
SCT-3000-1000	1000 AMP	1000 AMP
SCT-3000-2000	2000 AMP	2000 AMP
SCT-3000-3000	3000 AMP	3000 AMP

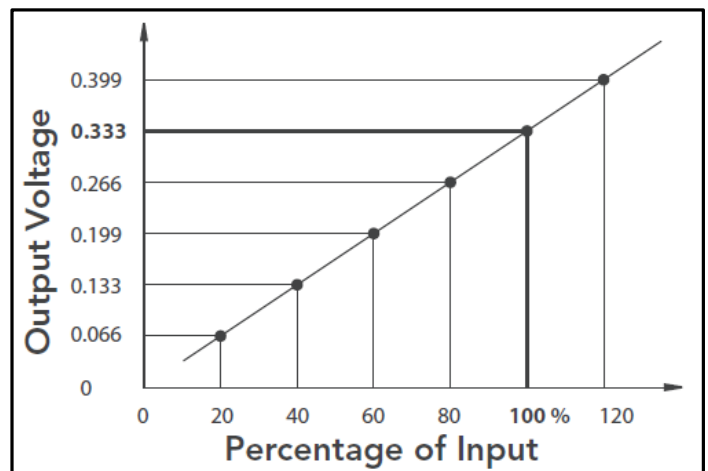
Dimensions Diagram



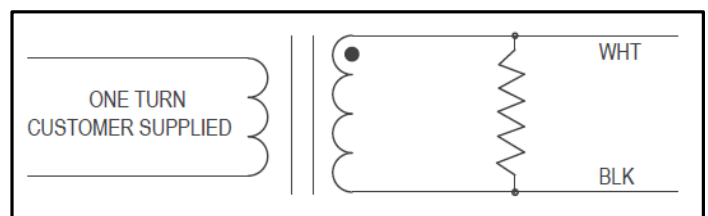
Dimensions Values

DIMENSION	VALUE	UNITS
A	5.750	INCH
B	7.500	INCH
C	1.200	INCH
D	3.000	INCH
E	5.000	INCH

Current Sensor Output Voltage/Input Current



Wiring Diagram



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