

### Solid-Core AC Current Sensor

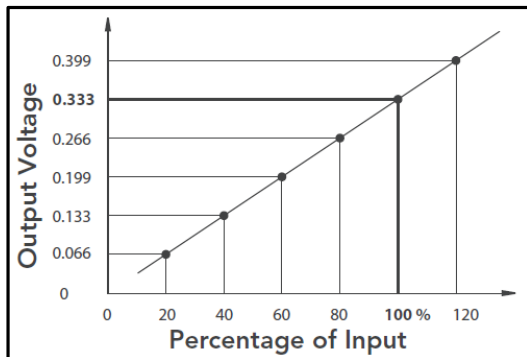
#### 5 SIZES IN A VARIETY OF CURRENT RATINGS

We offers a series of five AC current sensors with different hole sizes and current ratings. All UCT models are better than one percent accuracy and less than one degree phase angle. Output is controlled by a precision resistor fixed at the industry standard of 0.333 Volt AC. The rugged epoxy encapsulated construction comes with eight feet twisted leads. All closed current sensor models come with UL approval. Please contact Open Source Meter for other ratings and customized designs.

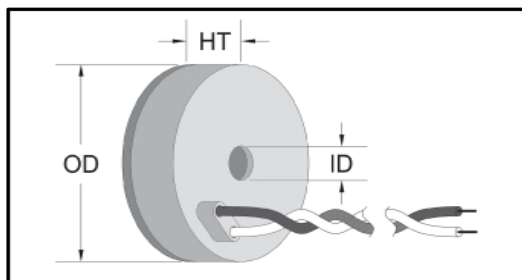


#### FEATURES

- Operates from 50 Hz to 400 Hz
- Rated input from 5 Amp to 400 Amp
- Phase angle < 1 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 Output Voltage/Input Current



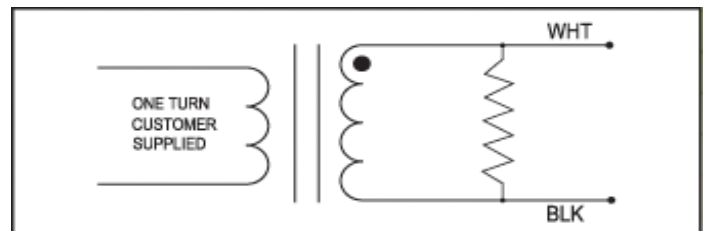
Dimensions

DIMENSION	I.D.	O.D.	HT	UNITS
UCT-0300	0.3	1.7	0.75	INCH
UCT-0500	0.5	1.9	0.75	INCH
UCT-0750	0.75	2.1	0.75	INCH
UCT-1000	1	2.4	0.8	INCH
UCT-1250	1.25	2.7	0.8	INCH

Dimensions Values

#### Current Sensor Part Numbers

PART NUMBER	RATING	UNITS
UCT-0300-005	5 AMP	5 AMP
UCT-0300-015	15 AMP	15 AMP
UCT-0300-020	20 AMP	20 AMP
UCT-0300-030	30 AMP	30 AMP
UCT-0500-015	15 AMP	15 AMP
UCT-0500-030	30 AMP	30 AMP
UCT-0500-050	50 AMP	50 AMP
UCT-0500-060	60 AMP	60 AMP
UCT-0750-030	30 AMP	30 AMP
UCT-0750-050	50 AMP	50 AMP
UCT-0750-070	70 AMP	70 AMP
UCT-0750-100	100 AMP	100 AMP
UCT-1000-050	50 AMP	50 AMP
UCT-1000-070	70 AMP	70 AMP
UCT-1000-100	100 AMP	100 AMP
UCT-1000-150	150 AMP	150 AMP
UCT-1000-200	200 AMP	200 AMP
UCT-1250-070	70 AMP	70 AMP
UCT-1250-100	100 AMP	100 AMP
UCT-1250-150	150 AMP	150 AMP
UCT-1250-200	200 AMP	200 AMP
UCT-1250-250	250 AMP	250 AMP
UCT-1250-300	300 AMP	300 AMP
UCT-1250-400	400 AMP	400 AMP



Wiring Diagram

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