

# Solid-Core AC Current Sensor UCT-1250

## 1.25 Inch Opening With Ratings Up To 400 Amps

### Description:

Magnelab UCT-1250 Series 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. Custom outputs and other parameters are available at customer request.

### Features:

- Rated input up to 400 Amp
- Output 0.333 Volt AC at rated current
- Linearity accuracy  $\pm 1\%$
- Accuracy at 10% to 130% of rated current
- Phase angle  $< 1$  degrees measured at 50% rated current
- Operates from 30 Hz to 1,000 Hz
- 8 ft. twisted-pair lead
- Maximum Voltage: 600V (on bare conductor)
- UL recognized, CE, and RoHS compliant



PART NUMBER AND RATING	
UCT-1250-000	No Burden Resistor
UCT-1250-070	70 Amp
UCT-1250-100	100 Amp
UCT-1250-150	150 Amp
UCT-1250-200	200 Amp
UCT-1250-250	250 Amp
UCT-1250-300	300 Amp
UCT-1250-400	400 Amp

DIMENSION	INCH	MM
A	1.250	31.75
B	2.700	68.58
C	0.800	20.32

