

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
- 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 |

