

# SCT-0400

# Split-Core AC Current Sensor

Measures AC current passing through the center

### Electrical Specifications

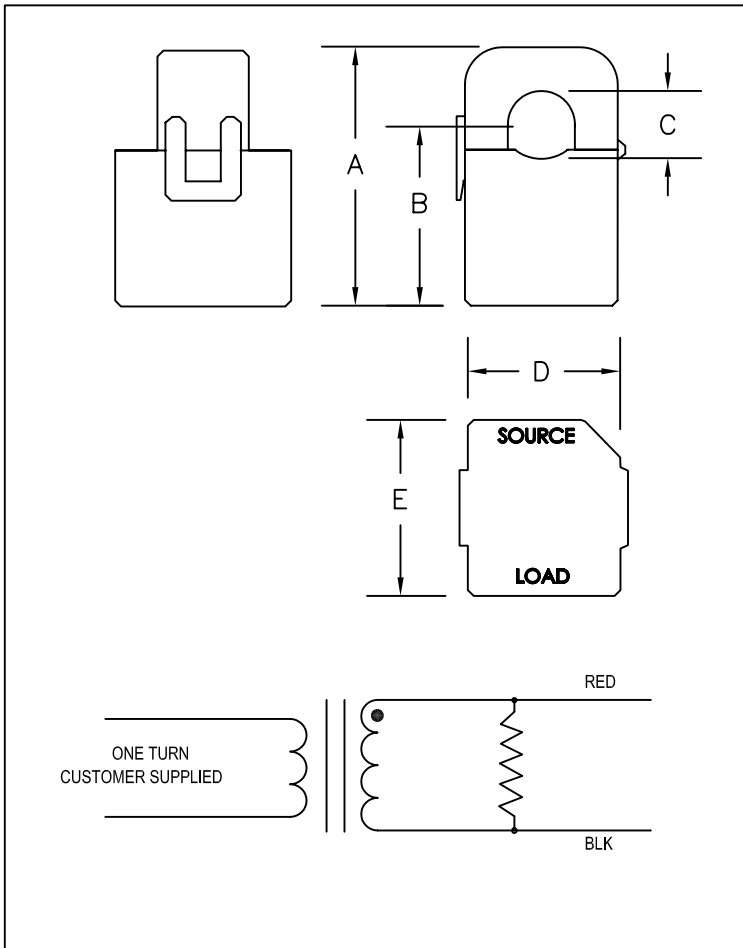
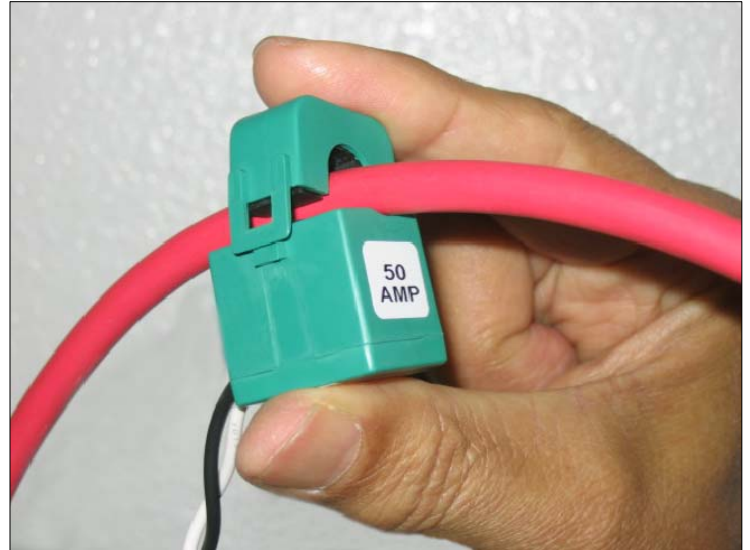
- Output 0.333 V at rated current
- Accuracy  $\pm 1\%$
- Phase angle  $< 2$  degrees
- Rated accuracy at 10% to 130% of rated current
- Operational from 50Hz to 400Hz

### Mechanical Specifications

- 0.40" [10.16 mm] opening, split core
- Leads-8ft. [2.44 m] twisted pair, jacketed, 24 AWG

### Features

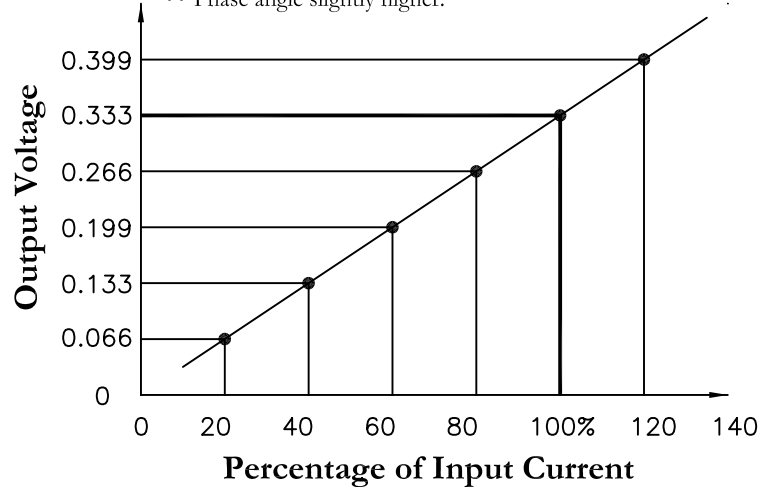
- UL recognized, CE RoHS compliant
- Precision burden resistor
- Other ratings and specifications are available



MAGNELAB P/N	RATED CURRENT (Amps)	DIMENSIONS INCHES [MILLIMETERS]				
		A	B	C	D	E
SCT-0400-000*	0-75					
SCT-0400-005**	5					
SCT-0400-010	10					
SCT-0400-015	15	1.55 [39.55]	1.09 [27.69]	0.40 [10.16]	1.00 [25.40]	1.05 [26.67]
SCT-0400-020	20					
SCT-0400-025	25					
SCT-0400-030	30					
SCT-0400-050	50					
SCT-0400-075	75					

\* Products with -000 have no burden resistor, and the output voltage is clamped to 22 Volts.

\*\* Phase angle slightly higher.



Phone: (303) 772-9100

Fax: (303) 772-9400

E-Mail: [info@magnelab.com](mailto:info@magnelab.com)

Web Site: [www.magnelab.com](http://www.magnelab.com)



MAGNELAB  
INCORPORATION  
LONGMONT, COLORADO 80501