

POWER MONITORING & PROTECTION

CURRENT TRANSFORMERS WITH VOLTAGE OUTPUT SCT SERIES

DESCRIPTION

The **Magnelab SCT Series** of current transformers provides a low-voltage (0-0.333 V) output proportional to line current and is used in conjunction with the **endicator™** and other meters to monitor electrical power systems. Often referred to as "Safe CTs," the mV output of these current transformers eliminates the need for shorting switches, and their split-core design makes them easy to install.

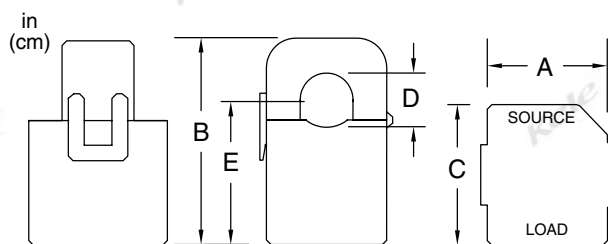
FEATURES

- **Millivolt output (0-0.333V)**
- **Split-core design**
- **Low-cost**
- **No need for shorting switches**

SPECIFICATIONS

Primary Current	5-3000A (see Ordering Information)
Secondary Voltage	0-0.333 VAC, 0% to 100% rated current
Frequency	50-400 Hz
Insulation Class	600V
Accuracy	±1%, (10% to 130% rated current)
Lead Wires	8' (2.44m) twisted pair leads, 22 AWG
Weight	1 lb (0.45 Kg) maximum
Approvals	UL-recognized component, File #E96927 CE, RoHS
Warranty	3 years

DIMENSIONS



	DIMENSIONS				
	MODEL				
	SCT-0400	SCT-0750	SCT-1250	SCT-2000	SCT-3000
A	1.00 (1.54)	2.00 (5.1)	3.25 (8.25)	4.75 (12.07)	5.75 (14.6)
B	1.55 (3.9)	2.10 (5.3)	3.35 (8.51)	5.00 (12.70)	7.50 (19.1)
C	1.05 (2.7)	0.61 (1.5)	1.00 (2.54)	1.20 (3.05)	1.20 (3)
D	0.40 (1.0)	0.75 (1.9)	1.25 (3.18)	2.00 (5.08)	3.00 (7.6)
E	1.09 (2.8)	0.75 (1.9)	1.25 (3.18)	2.00 (5.08)	5.00 (12.7)

ENG-9000

RELATED PRODUCTS
Powertrak, 0.333 V input

PAGE
913



SCT-0400



SCT-1250

SCT-2000

SCT-0750



ORDERING INFORMATION

MODEL	DESCRIPTION
SCT-0400-000	Split-core current transformer, no burden resistor
SCT-0400-005	Split-core current transformer, 5A:0.333V
SCT-0400-010	Split-core current transformer, 10A:0.333V
SCT-0400-015	Split-core current transformer, 15A:0.333V
SCT-0400-020	Split-core current transformer, 20A:0.333V
SCT-0400-025	Split-core current transformer, 25A:0.333V
SCT-0400-030	Split-core current transformer, 30A:0.333V
SCT-0400-040	Split-core current transformer, 40A:0.333V
SCT-0400-050	Split-core current transformer, 50A:0.333V
SCT-0400-060	Split-core current transformer, 60A:0.333V
SCT-0400-075	Split-core current transformer, 75A:0.333V
SCT-0750-000	Split-core current transformer, no burden resistor
SCT-0750-005	Split-core current transformer, 5A:0.333V
SCT-0750-010	Split-core current transformer, 10A:0.333V
SCT-0750-020	Split-core current transformer, 20A:0.333V
SCT-0750-030	Split-core current transformer, 30A:0.333V
SCT-0750-050	Split-core current transformer, 50A:0.333V
SCT-0750-070	Split-core current transformer, 70A:0.333V
SCT-0750-0100	Split-core current transformer, 100A:0.333V
SCT-0750-0150	Split-core current transformer, 150A:0.333V
SCT-0750-0200	Split-core current transformer, 200A:0.333V
SCT-1250-000	Split-core current transformer, no burden resistor
SCT-1250-050	Split-core current transformer, 50A:0.333V
SCT-1250-100	Split-core current transformer, 100A:0.333V
SCT-1250-150	Split-core current transformer, 150A:0.333V
SCT-1250-200	Split-core current transformer, 200A:0.333V
SCT-1250-250	Split-core current transformer, 250A:0.333V
SCT-1250-300	Split-core current transformer, 300A:0.333V
SCT-1250-400	Split-core current transformer, 400A:0.333V
SCT-1250-600	Split-core current transformer, 600A:0.333V
SCT-2000-000	Split-core current transformer, no burden resistor
SCT-2000-100	Split-core current transformer, 100A:0.333V
SCT-2000-200	Split-core current transformer, 200A:0.333V
SCT-2000-400	Split-core current transformer, 400A:0.333V
SCT-2000-600	Split-core current transformer, 600A:0.333V
SCT-2000-800	Split-core current transformer, 800A:0.333V
SCT-2000-1000	Split-core current transformer, 1000A:0.333V
SCT-2000-1200	Split-core current transformer, 1200A:0.333V
SCT-2000-1500	Split-core current transformer, 1500A:0.333V
SCT-3000-000	Split core current transformer, no burden resistor
SCT-3000-400	Split-core current transformer, 400A:0.333V
SCT-3000-600	Split-core current transformer, 600A:0.333V
SCT-3000-800	Split-core current transformer, 800A:0.333V
SCT-3000-1000	Split-core current transformer, 1000A:0.333V
SCT-3000-1200	Split-core current transformer, 1200A:0.333V
SCT-3000-1500	Split-core current transformer, 1500A:0.333V
SCT-3000-2000	Split-core current transformer, 2000A:0.333V
SCT-3000-3000	Split-core current transformer, 3000A:0.333V