

POWER MONITORING & PROTECTION

CURRENT TRANSFORMERS WITH VOLTAGE OUTPUT

SCT SERIES



DESCRIPTION

The **SCT Series** of current transformers provides a low-voltage (0-0.333V) output proportional to line current and is used in conjunction with the PowerTrak PT-9300 to monitor electrical power systems. Often referred to as "Safe CTs," the mV output of these current transformers eliminates the need for shunting switches, and their split-core design makes them easy to install.

FEATURES

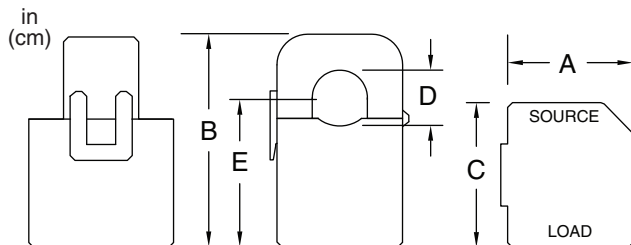
- Millivolt output (0-0.333V) • Low-cost
- Split-core design • No need for shunting switches



SPECIFICATIONS

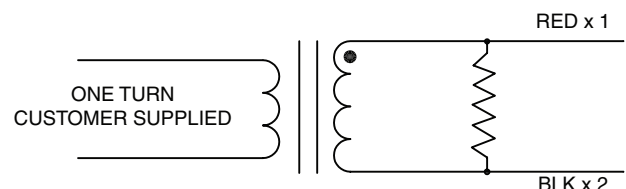
Primary	5-1500A (see Ordering Information below)	Connections	8' (2.44m) twisted pair leads, 22 AWG
Secondary	0-0.333 VAC, 0% to 100% rated current	Weight	1 lb (0.45 kg) maximum
Accuracy	±1%, 10% to 130% rated current	Agency approvals	UL-recognized component, File #E96927
Frequency	60 Hz	Warranty	3 years
Insulation	600V		

DIMENSIONS



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

WIRING



RELATED PRODUCTS
PT-9300 Power monitor

ORDERING INFORMATION

MODEL	DESCRIPTION	MODEL	DESCRIPTION
SCT-0750-005	Split-core current transformer, 5A:0.333V	SCT-2000-1500	Split-core current transformer, 1500A:0.333V
SCT-0750-050	Split-core current transformer, 50A:0.333V	SCT-0400-000*2	Split-current current transformer, 0-50:0.333V
SCT-1250-100	Split-core current transformer, 100A:0.333V	SCT-0400-005	Split-current current transformer, 5A:0.333V
SCT-1250-200	Split-core current transformer, 200A:0.333V	SCT-0400-010	Split-current current transformer, 10A:0.333V
SCT-1250-300	Split-core current transformer, 300A:0.333V	SCT-0400-015	Split-current current transformer, 15A:0.333V
SCT-1250-400	Split-core current transformer, 400A:0.333V	SCT-0400-020	Split-current current transformer, 20A:0.333V
SCT-2000-600	Split-core current transformer, 600A:0.333V	SCT-0400-025	Split-current current transformer, 25A:0.333V
SCT-2000-800	Split-core current transformer, 800A:0.333V	SCT-0400-030	Split-current current transformer, 3A:0.333V
SCT-2000-1000	Split-core current transformer, 1000A:0.333V	SCT-0400-050	Split-current current transformer, 50A:0.333V
SCT-2000-1200	Split-core current transformer, 1200A:0.333V	*2 -000 have no burden resistor and the output voltage is clamped to 22 volts	