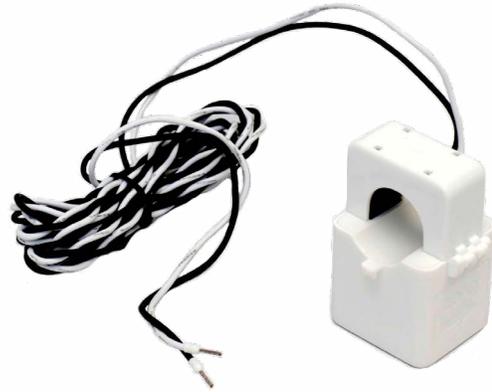


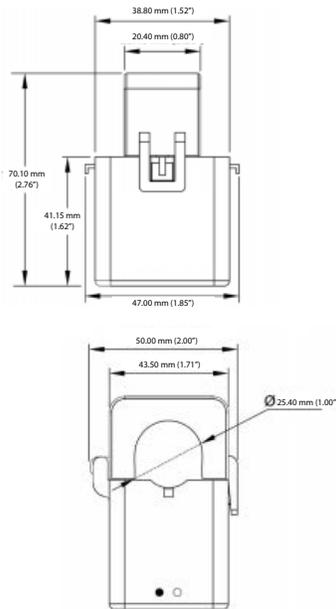
Split-Core Performance CT

Current Transformer

Setra's Split-Core Performance current transformers provide a high accuracy current measurement over a wide dynamic sensing range for power metering applications. Unlike the competition, Setra offers "Safe CT's" which provide a millivolt output directly proportional to the input current. These current transformers are safely and easily installed on existing power lines without disconnecting the lines and interrupting service. These CT's are available from 20A to 200A and when used with Setra's Power Patrol (SPP) or Power Squad (SPS24) provide a complete metering solution for demanding applications.



DIMENSIONS



GENERAL SPECIFICATIONS

Nominal Rating	20A	50A	100A	200A
Aperture Size	0.4" (10mm)	0.4" (10mm)	1.0" (25mm)	1.0" (25mm)
Current Range	0.25-40A AC	0.25-80A AC	1-200A AC	1-300A AC
Output	333 mV @ 20A AC, 16.65 mV/A AC	333 mV @ 50A AC, 6.66 mV/A AC	333 mV @ 100A AC, 3.33 mV/A AC	333 mV @ 200A AC, 1.67 mV/A AC
Ratio Error	<0.5% from 0.25 to 40A AC (typical)	<0.5% from 0.25 to 80A AC (typical)	<0.3% from 1.0A to 200A AC (typical)	<1.0% from 1.0A to 300A AC (typical)
Phase Error	<1.5° from 1A to 80A AC <2° from 0.25 to 1A AC	<1.5° from 1A to 40A AC <2° from 0.25 to 1A AC	<0.5° from 1.0A to 200A AC	<0.5° from 1.0A to 300A AC
Electrical				
Wire Polarity	White = Hi, positive (+) Black = Low, negative (-)			
Phasing	Arrow on Case Points			
Orientation	Toward Load			
Frequency Range	50 to 400 Hz			
Mechanical				
Case Material	White Nylon, UL 94 V-0			
Leads	2.4 M (8'), 600V, 20 gauge		2.4 M (8'), 600V, 22 gauge	
Operating Temp.	-15 to 60°C (5 to 140°F)			
Storage Temp.				-20 to 85°C (-4 to 185°F)
Safety				
Working Voltage	600 VAC, Category III			
Dielectric Strength	3525 VAC for 1 Minute		5200 VAC for 1 Minute	
Certifications	UL STD 61010-1 Certified to: CAN/CSA STD 22.2 NO. 61010-1			

ORDERING INFORMATION

CT - SCP - [] [] []

Model	Amps
SCP Split-Core Performance	020 20 Amps
	050 50 Amps
	100 100 Amps
	200 200 Amps