

Split Core Performance CT

Current Transformers

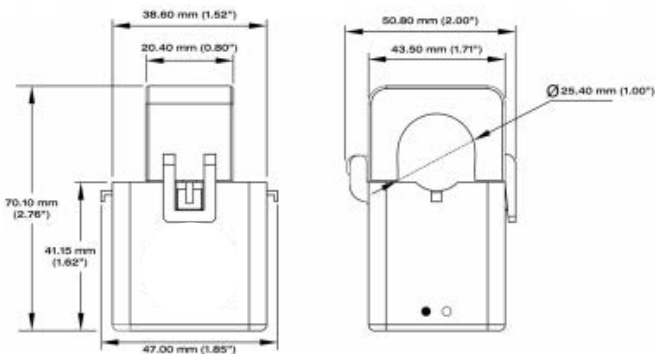


DESCRIPTION

The hinged Split Core Performance CTs are small, low cost current transformers with high accuracy over a wide dynamic range with excellent phase shift. These CTs are ideal where space is limited such as when metering multiple loads within a panel board. Use for current measurement, energy metering, load surveys, demand metering, energy research, and sub-metering.

SPECIFICATIONS				
	20A	50A	100A	200A
Window 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 gage		2.4 M (8'), 600V, 22 gage	
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			

*IEEE C57.13 Certification available upon request



ORDERING INFORMATION

CT - SCP - [] []

Name		Amps	
SCP	Split Core Performance	020	20 Amps
		050	50 Amps
		100	100 Amps
		200	200 Amps