

HIGH ACCURACY SPLIT CORE CTs



These precision split core current transformers are the perfect working solution to measure proportional line current on a medium voltage three phase circuit. Simply attach to the 5A secondary output of the existing medium voltage CTs. Connecting to the secondary isolates you from the hazards associated with the primary CTs. No de-energizing or wire disconnection required. With excellent low current sensitivity and nominal phase shift error you are ensured of accurate measurements for all of your energy calculations.

KEY SPECIFICATIONS

Window Size	1.0 cm (0.4")
Current Ranges	5A CT: 0.05 - 7 15A CT: .15-20
Output Signal	333 mV AC at rated current
Accuracy	+/- 0.5% at 0.5% to 140% of rated current

ELECTRICAL

Output Signal	333mV
Accuracy	+/- 0.5% at 0.5% to 140% of rated current
Phase Shift	+/- 0.5° at rated current
Frequency Range	10 Hz to 10 KHz

MECHANICAL

Dimensions	6.4 x 2.5 x 5.1 cm (2.5 x 1.0 x 2.0")
Polarity	White lead is positive
Output Lead	Leads 2.7 m (8 ft) twisted pair 22 AWG
Operating Temperature	-20 to 50 (-4° to 122° F)

OTHER FEATURES

Window Size	1.0 cm (0.4")
Weight	136 g (4.8 oz)
Dielectric Strength	5000V around the case 600V rated leads
Storage Temperature	Maximum 105°C (220°F)
Case Protection	Plastic ABS/PVS or Epoxy encapsulated housing

SAFETY

Working Voltage	600 Vrms maximum
UL Listed	CAN/CSA-C60044-1-2007 pts 1 & 2
CE Mark	ANSI/IEEE C57.13, IEEE C57.13.2

HIGH ACCURACY CT PART NUMBERS

5A CTs, unterminated	CT-SHS-0005-U
5A CTs, banana plugs	CT-SHS-0005-B
15A CTs, unterminated	CT-SHS-0015-U
15A CTs, banana plugs	CT-SHS-0015-B

CONTACT US

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DENT MODEL	NOMINAL RATING	USEFUL CURRENT RANGE	DIMENSIONS			
			A	B	C	Window Diameter
CT-SHS-0005	5A	0.05 - 7A	6.4 cm (2.5")	2.5 cm (1.0")	5.1 cm (2.0")	1.0 cm (0.4")
CT-SHS-0015	15A	.15-20A				

