

CT SPECIFICATIONS

SPLIT CORE CURRENT TRANSFORMER

5A HIGH ACCURACY 1.0 CM (0.4") WINDOW



This precision split core current transformer is 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.



DENT P/N	NOMINAL RATING (Amps)	USEFUL CURRENT RANGE (Amps)	DIMENSIONS			
			A	B	C	Window Diameter
CT-SHS-0005	5	0.05 - 7	6.4 cm (2.5")	2.5 cm (1.0")	5.1 cm (2.0")	1.0 cm (0.4")

ELECTRICAL SPECIFICATIONS

Output Signal

333mV at rated current

Accuracy

+/- 1% at 0.5% to 140% of rated current

Phase Shift

+/- 0.5° at rated current

Frequency Range

10 Hz to 10 KHz

MECHANICAL SPECIFICATIONS

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

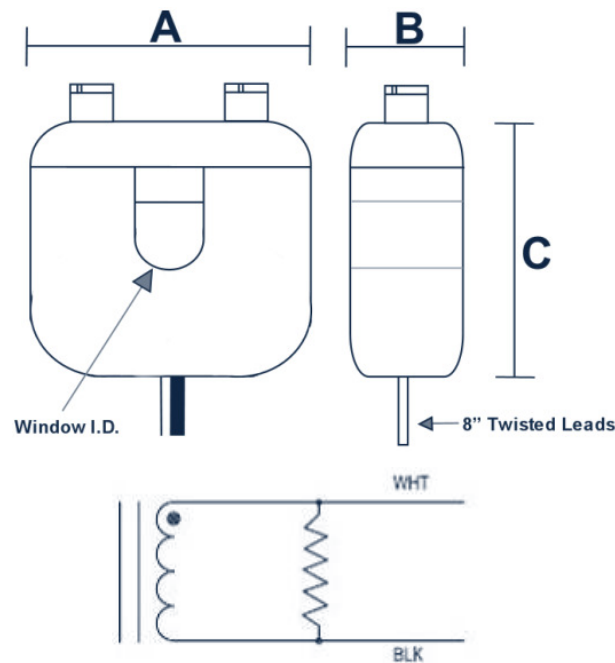
SAFETY SPECIFICATIONS

ETL Listed

Compliant with IEEE C57.13-1993

Working Voltage

Maximum 600Vrms



ORDERING PART NUMBER

CT-SHS-0005-U (unterminated)
CT-SHS-0005-B (banana plugs)