

# 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

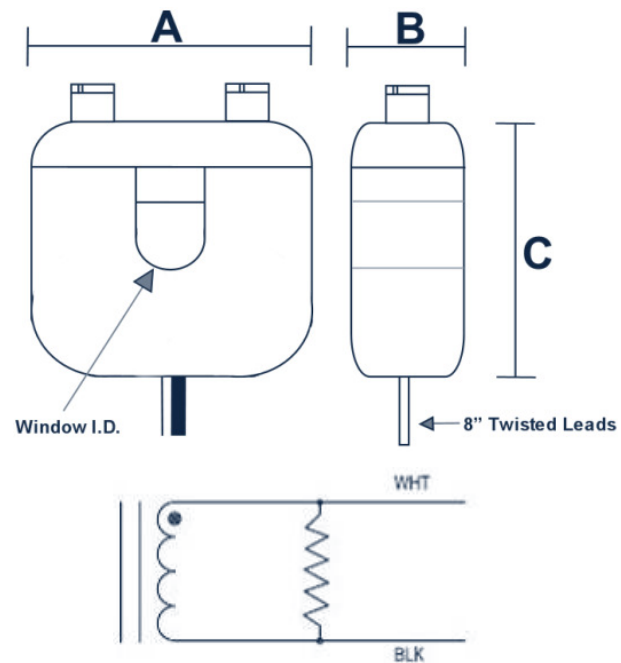
### SAFETY SPECIFICATIONS

#### 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)