600/1000A LARGE SPLIT CORE **CURRENT TRANSFORMERS**



Split-core current transformers provide linear output voltage that is directly proportional to the input current. These transformers are safely and easily installed over existing electrical power lines without disconnecting the lines or interrupting service.

DENT's energy monitoring components are used for a variety of applications including building automation, tenant submetering, performance verification, energy management, and new technology assessment.

KEY SPECIFICATIONS					
Window Size	2.0" (5.1 cm)				
Current Range	600A Model: 30 - 780A AC 1000A Model: 20 - 1300A AC				
Output	333 mV at rated current				
Ratio Error	<1% at rated current (typical)				
Phase Error	<2° at rated current (typical)				



ELECTRICAL

333 mV at rated current Output Wire Polarity White = Hi, positive (+) Black = Low, negative (-) Frequency Range 50 to 400 Hz

MECHANICAL

Case Material Epoxy encapsulated housing Leads 2.7 M (8'), twisted pair, 20 AWG **Operating Temperature** -20° to 55°C (-4° to 131°F)

SAFETY

Working Voltage 600 VAC, Category III Dielectric Strength 5000 VAC around case 600V rated leads Certification (ϵ) Conforms to:

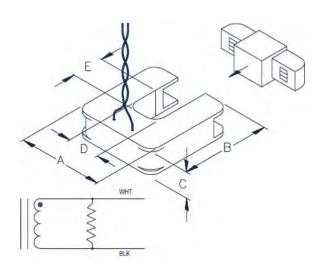
Intertek

UL STD 61010-1 EN 60044-1 3101607 Certified to: CAN/CSA STD C22.2 No. 61010-1

PART NUMBERS

CT-SCL-0600-U/B 600A Large Split Core CT-SCL-1000-U/B 1000A Large Split Core

DENT P/N	NOMINAL RATING (Amps)	USEFUL CURRENT RANGE (Amps)	DIMENSIONS				
			A	В	U	D	E
CT-SCL-0600 CT-SCL-1000	600 1000	30 - 780 20 - 1300	12.07 cm (4.8")	12.70 cm (5.0")	3.05 cm (1.2")	5.1 cm (2.0")	5.08 cm (2.0")



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