100/200/400/600A **MEDIUM 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	1.25" (3.20 cm)				
Current Range	100A Model: 5 - 130A AC 200A Model: 4 - 260A AC 400A Model: 8—520A AC 600A Model: 12—780A AC				
Output	333 mV at rated current				
Ratio Error*	<1% at rated current (typical)				
Phase Error*	<2° at rated current (typical)				

*IEEE C57.13 Certification available upon request.

ELECTRICAL

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

MECHANICAL

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

SAFETY

Working Voltage Dielectric Strength

Certification



5000 VAC around case 600V rated leads Conforms to: UL STD 61010-1 EN 60044-1 Certified to: CAN/CSA STD C22.2

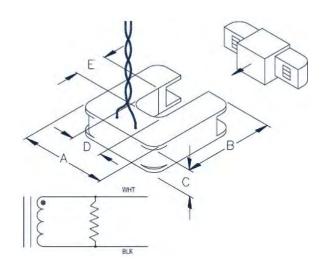
No. 61010-1

600 VAC, Category III





DENT	NOMINAL	USEFUL CURRENT RANGE (Amps)	DIMENSIONS				
DENT P/N	RATING (Amps)		А	В	С	D	E
CT-SCM-0100 CT-SCM-0200 CT-SCM-0400 CT-SCM-0600	100 200 400 600	5 - 130A AC 4 - 260A AC 8—520A AC 12—780A AC	8.26 cm (3.25")	8.51 cm (3.35")	2.54 cm (1.00")	3.18 cm (1.25")	3.18 cm (1.25")



PA				

CT-SCM-0100-U/B	100A Medium Split Core
CT-SCM-0200-U/B	200A Medium Split Core
CT-SCM-0400-U/B	400A Medium Split Core
CT-SCM-0600-U/B	600A Medium Split Core

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