

100/200/400A REVENUE GRADE SOLID CORE TOROIDAL MOUNTING CURRENT TRANSFORMERS



DENT's Revenue Grade Toroidal Current Transformers with Mounting Flanges, ensure exceptionally accurate signal transformation, making them ideal for Revenue Grade applications. The inclusion of mounting flanges allows for easy and secure installation. They perform reliably even in harsh environmental conditions, ensuring consistent accuracy and dependability. This series of CTs guarantees very high accuracy and reliable performance in a wide range of conditions



KEY SPECIFICATIONS

Current Rating	100A	200A	400A
Current Range	1-100A	1-200A	1-400A
Window Size	0.6" (15mm)	0.8" (20mm)	1.4" (35mm)
Output	333.3 mV at rated current		
Ratio Error	+/-0.2% at rated current (typical)		
Phase Error	<0.2°		
Accuracy Class¹	IEC 61869-2 Class 0.2 IEC 60044-1 Class 0.2 IEEE C57.13 Class 0.3		

ELECTRICAL

Wire Polarity	White = Hi, positive (+) Black = Low, negative (-)
Frequency Range	50 to 400 Hz

MECHANICAL

Case Material	PBT resin, UL 94V-0, epoxy encapsulated
Leads	3 M (9.84"), twisted pair, 22 AWG, 600V rated
Operating Temperature	-40°C to 85°C (-40°F to 185°F)

SAFETY

Working Voltage	600 VAC, Category III
Dielectric Strength	5400 VAC
Certification	UL 2808 CAN/UL 2808

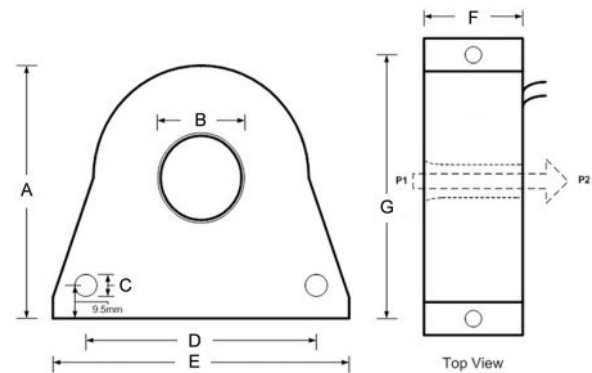


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Outline Drawing



DENT P/N	DIMENSIONS (mm)						
	A	B	C	D	E	F	G
CT-RGTM-15-0100	45	15	4	40	58	23	48
CT-RGTM-20-0200	58	20	5.5	50	68	22	58
CT-RGTM-35-0400	80	35	6	75	98	30	85.5

PART NUMBERS

100A Revenue Grade Solid Core Toroidal Mounting CT	CT-RGTM-15-0100-U
200A Revenue Grade Solid Core Toroidal Mounting CT	CT-RGTM-20-0200-U
400A Revenue Grade Solid Core Toroidal Mounting CT	CT-RGTM-35-0400-U

¹ When CT phase shift is set as follows: 100A = 0.02°, 200A = 0.12°, 400A = 0.0°