

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



DENT's Revenue Grade Toroidal Current Transformers ensure exceptionally accurate signal transformation with low phase shift, making them ideal for Revenue Grade applications. 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	1-120A	2-240A	4-480A
Window Size	0.75" (19mm)	1.0" (25mm)	1.25" (32mm)
Output	333.3 mV at rated current		
Ratio Error	+/-0.2% at rated current (typical)		
Phase Error	<0.2°		
Accuracy Class ¹	IEC 61869-2 Class 0.2 IEEE C57.13 Class 0.3		

ELECTRICAL

Wire Polarity	White = Hi, positive (+) Black = Low, negative (-)
Frequency Range	50 / 60 Hz

MECHANICAL

Case Material	White Nylon, UL 94v0
Leads	3 M (9.8'), twisted pair, 22 AWG
Operating Temperature	-40°C to 55°C (-40°F to 131°F)

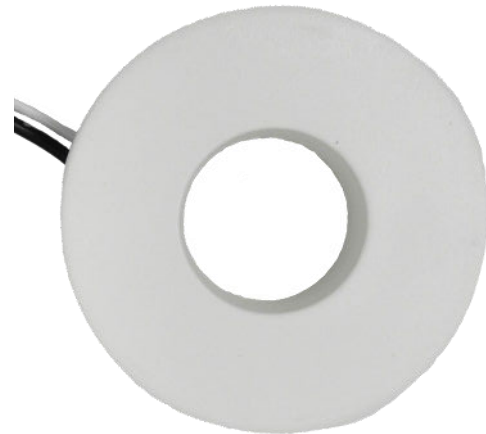
SAFETY

Working Voltage	600 VAC, Category III
Certification	<div> </div> UL 2808 CAN/UL 2808 CAN/CSA STD C22.2 No. 61010-1

CONTACT US

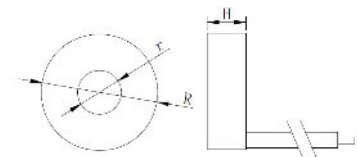
DENT Instruments, Inc.
Energy & Power Measurement Solutions
An ISO 9001:2008 Certified Company

925 SW EMKAY DRIVE
BEND, OREGON 97702 USA
541.388.4774 | 800.388.0770
WWW.DENTINSTRUMENTS.COM



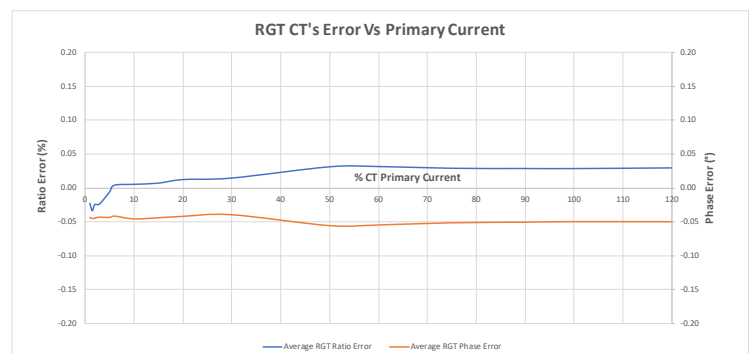
Outline Drawing

Dimension (Unit:mm)



Model Part No.	Outline Size R	Outline Size H	Window Size r
RGT-19	53.3	19.1	19.1
RGT-25	61.0	20.3	25.4
RGT-32	68.6	20.3	31.8

Accuracy Graph



PART NUMBERS

100A Revenue Grade Solid Core Toroidal CT	CT-RGT-19-0100-U
200A Revenue Grade Solid Core Toroidal CT	CT-RGT-25-0200-U
400A Revenue Grade Solid Core Toroidal CT	CT-RGT-32-0400-U

¹ When CT phase shift is set as follows: 100A = 0.04°, 200A = 0.04°, 400A = 0.00°