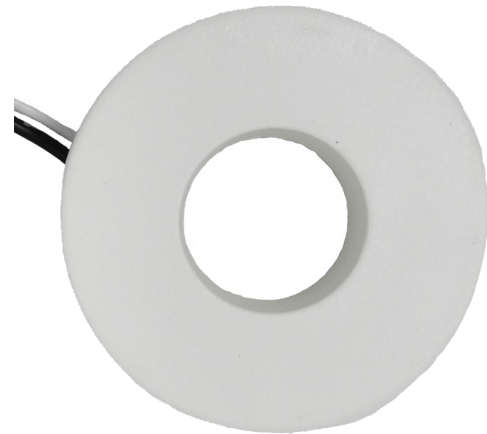


# 100/200/400A REVENUE GRADE SOLID CORE TOROIDAL CURRENT TRANSFORMERS



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

<b>Current Rating</b>	100A	200A	400A
<b>Current Range</b>	1-120A	2-240A	4-480A
<b>Window Size</b>	0.75" (19mm)	1.0" (25mm)	1.25" (32mm)
<b>Output</b>	333.3 mV at rated current		
<b>Ratio Error</b>	+/-0.2% at rated current (typical)		
<b>Phase Error</b>	<0.2°		
<b>Accuracy Class<sup>1</sup></b>	IEC 61869-2 Class 0.2 IEEE C57.13 Class 0.3		




## ELECTRICAL

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

## MECHANICAL

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

## SAFETY

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

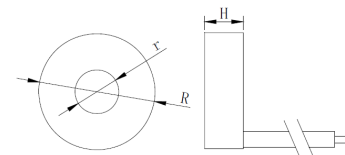
## CONTACT US

**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

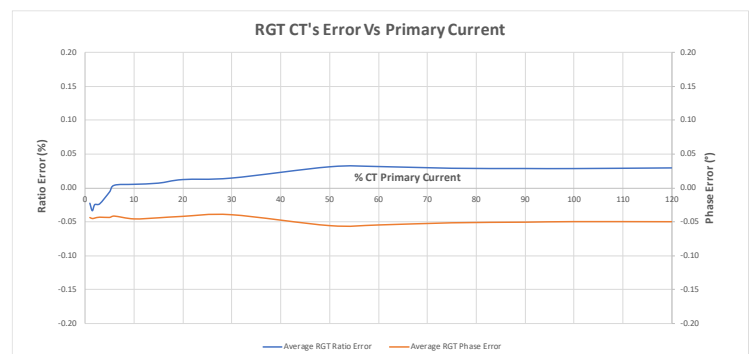
## Outline Drawing

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

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