

# 100A/200A/400A REVENUE GRADE SPLIT CORE RECTANGULAR HINGED CURRENT TRANSFORMERS



DENT's SRL-Series Hinged Split-Core Current Transformers are designed for Revenue Grade applications requiring very high accuracy and are ideal for larger current loads. The SRL-Series features a 1.25" window and supports 100A, 200A, and 400A sizes, making it perfect for energy & demand metering, tenant submetering, and load surveys.



## KEY SPECIFICATIONS

<b>Current Rating</b>	100A	200A	400A
<b>Current Range</b>	1.0-200A	2.0-400A	4.0-500A
<b>Window Size</b>	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 IEC 60044-1 Class 0.2 IEEE C57.13 Class 0.3		

## ELECTRICAL

<b>Wire Polarity</b>	White = Hi, positive (+) Black = Low, negative (-)
<b>Frequency Range</b>	40 to 400 Hz

## MECHANICAL

<b>Case Material</b>	120°C UL Recognized Plastic
<b>Leads</b>	2.4 M (8'), twisted pair, 18 AWG, 600V rated
<b>Operating Temperature</b>	-40°C to 70°C (-40°F to 158°F)

## SAFETY

<b>Working Voltage</b>	600 VAC, Category III
<b>Dielectric Strength</b>	7400 VAC

### Certification

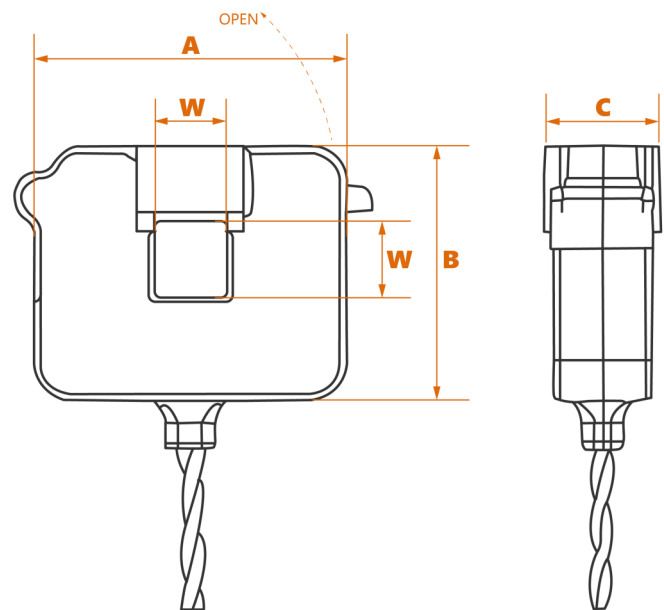


UL Listed to UL 2808  
CAN/UL 2808  
CSA STD C22.2 No. 61010-1

## CONTACT US

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## DIMENSIONS

WINDOW	A	B	C
1.25" 31.75mm	3.3" 83.81mm	3.1" 78.74mm	1.3" 33.04mm

## PART NUMBERS

100A Revenue Grade Split Core Rectangular Hinged CT	CT-SRL-100-U
200A Revenue Grade Split Core Rectangular Hinged CT	CT-SRL-200-U
400A Revenue Grade Split Core Rectangular Hinged CT	CT-SRL-400-U

<sup>1</sup> When CT phase shift is set as follows: 100A = 0.2°, 200A = 0.02°, 400A = 0.2°