

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

Current Rating	100A	200A	400A
Current Range	1.0-200A	2.0-400A	4.0-500A
Window Size	1.25" (32mm)		
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	40 to 400 Hz

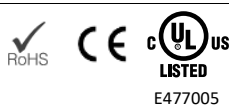
MECHANICAL

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

SAFETY

Working Voltage	600 VAC, Category III
Dielectric Strength	7400 VAC

Certification

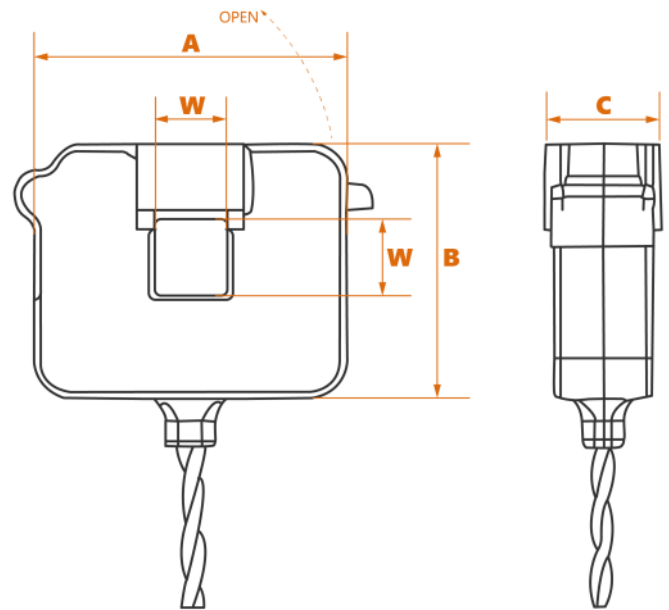


UL Listed to UL 2808
CAN/UL 2808
CSA STD C22.2 No. 61010-1

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



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

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