

# 5A/50A REVENUE GRADE SPLIT CORE RECTANGULAR HINGED CURRENT TRANSFORMERS



DENT's SRS-Series Hinged Split-Core Current Transformers are designed for Revenue Grade applications requiring very high accuracy. The SRS-Series is ideal for smaller current loads, featuring a 0.4" window and supporting 5A and 50A sizes, making it perfect for energy & demand metering, tenant submetering, and load surveys.



## KEY SPECIFICATIONS

Current Rating	5A	50A
Current Range	0.05A-10A	0.5-100A
Window Size	0.4" (10 mm)	
Output	333.3 mV at rated current	
Ratio Error	+/-0.2% at rated current (typical)	
Phase Error	<0.2°	
Accuracy Class <sup>1</sup>	IEC 61869-2 Class 0.2	
	IEC 60044-1 Class 0.2	
	IEEE C57.13 Class 0.3	

## ELECTRICAL

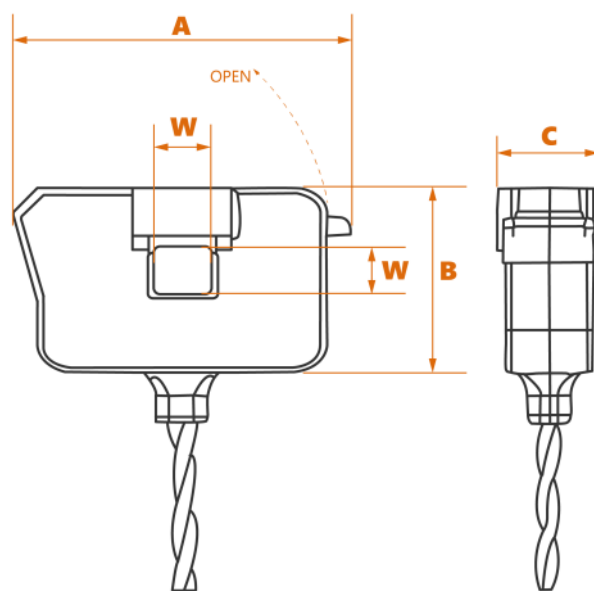
Wire Polarity	White = Hi, positive (+) Black = Low, negative (-)
Frequency Range	40 to 400 Hz

## 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 2808 CAN/UL 2808 CSA STD C22.2 No. 61010-1 E477005



## DIMENSIONS

WINDOW	A	B	C
0.4" 10.17mm	2.4" 60.96mm	1.65" 41.91mm	0.85" - 1.1" 21.58—27.94mm

## PART NUMBERS

5A Revenue Grade Split Core Rectangular Hinged CT	CT-SRS-005-U
50A Revenue Grade Split Core Rectangular Hinged CT	CT-SRS-050-U

## CONTACT US

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<sup>1</sup> When CT phase shift is set as follows: 5A = 0.10°, 50A = 0.14°