

100A/200A REVENUE GRADE SPLIT CORE RECTANGULAR CURRENT TRANSFORMERS



PART OF
BEMSIQ
GROUP

DENT's SPBL-Series Split-Core Current Transformers are designed for Revenue Grade applications requiring very high accuracy and are ideal for larger current loads. The SPBL-Series supports current ratings from 100A to 1200A, making it perfect for energy & demand metering, tenant submetering, and load surveys.

KEY SPECIFICATIONS

Current Rating	100A	200A
Current Range	1-150A	2-300A
Window Size	0.75" (19mm)	
Output	333 mV at rated current	
Accuracy ¹	+/-0.3% at rated current (typical)	
Phase Error ¹	<0.2° at rated current (typical)	
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	4050 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	5400 VAC

Certification

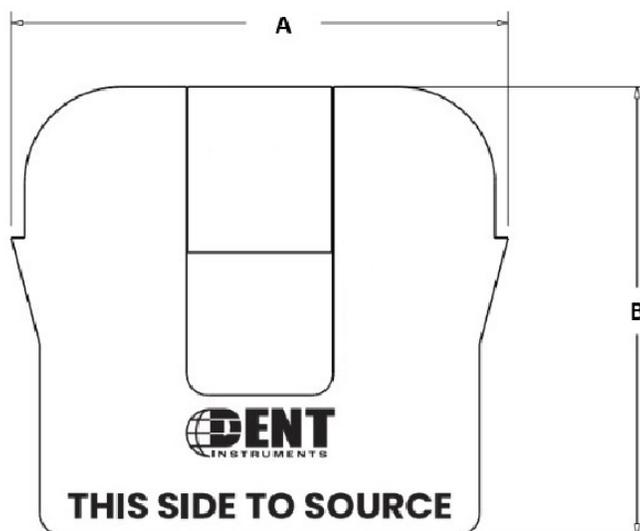


UL Listed to UL 2808
CAN/UL 2808
CSA STD C22.2 No. 61010-1

CONTACT US

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DIMENSIONS

WINDOW	A	B
0.75" (19mm)	2.7"	2.4"

PART NUMBERS

100A Revenue Grade Split Core Rectangular Hinged CT	CTSPBL019W100A3MRG
200A Revenue Grade Split Core Rectangular Hinged CT	CTSPBL019W200A3MRG

¹When used with DENT PowerScout meters with ratio and phase corrections.
When conductor is in center of CT window.