

800A/1200A 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	800A	1200A
Current Range	8-1200A	12-1800A
Window Size	3" (76mm)	
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	50 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

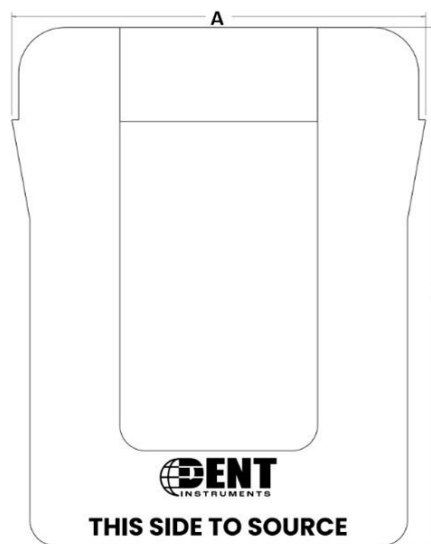
Working Voltage	600 VAC, Category III
Dielectric Strength	5400 VAC
Certification	UL Listed to UL 2808 CAN/UL 2808 CSA STD C22.2 No. 61010-1 E498920



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
3" (76mm)	6.3"	7.9"

PART NUMBERS

800A Revenue Grade Split Core Rectangular Hinged CT	CTSPBL076W800A3MRG
1200A Revenue Grade Split Core Rectangular Hinged CT	CTSPBL076W1200A3MRG

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