

400A/600A 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 | 400A | 600A |
| Current Range | 4-600A | 6-900A |
| Window Size | 1.25" (32mm) | 2" (51mm) |
| 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

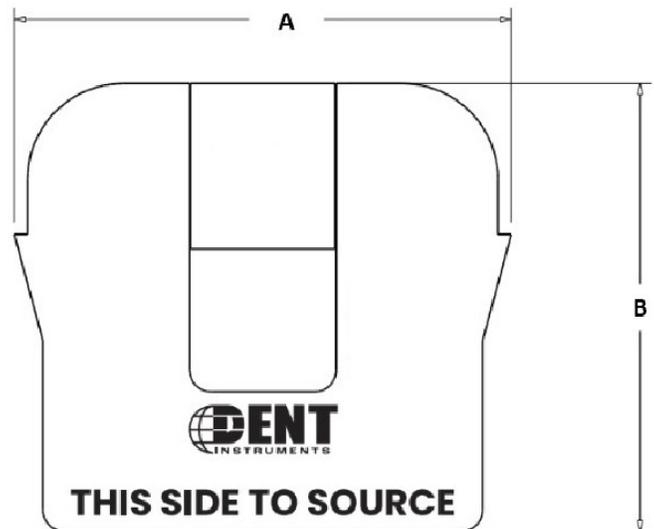
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|---------------------|--|
| Working Voltage | 600 VAC, Category III |
| Dielectric Strength | 5400 VAC |
| Certification | UL Listed to UL 2808 CAN/UL 2808 CSA STD C22.2 No. 61010-1 |



CONTACT US

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DIMENSIONS

| WINDOW | A | B |
|--------------|------|------|
| 1.25" (32mm) | 3.8" | 3.4" |
| 2" (51mm) | 5.2" | 4.9" |

PART NUMBERS

| | |
|---|--------------------|
| 400A Revenue Grade Split Core Rectangular Hinged CT | CTSPBL032W400A3MRG |
| 600A Revenue Grade Split Core Rectangular Hinged CT | CTSPBL051W600A3MRG |

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