



Split Model CT104VS

BUSBAR CURRENT TRANSFORMER

- Standard and Custom sizes up to 6000A, Class 1.0 and 0.5
- Designed to achieve UL2808 & CSA/C22.2 No. 61010-1
- Choose AC Volts or Current Ratio Output
- Batteries or Power Supply Not Required
- Standard Accuracy +/- 1% Table 201 61869
- Optional Accuracy +/- 0.5% Table 201 61869
- Available as Split Core or Solid Core CT, CAT IV, XOBA

Bicron's busbar split-core and solid-core current transformers are indoor CTs designed to Category CAT IV (overvoltage) for use in energy monitoring and general electrical current sensing for field installations. Designed and built to meet the requirements of UL2808 plus CSA/ C22.2 No. 61010-1. Choose internal burden resistors to set up the AC output voltage, or current ratios for up to 0.333A output. Current output model includes an internal voltage suppressor for safety. Designed for accuracy class 0.5 and 1.0 per IEC 61869 table 201.

PRODUCT SPECIFICATIONS	
Input Current	AC current, sinewave, single phase 50/60Hz
Voltage Rating	1000V, rated CAT IV
Bandwidth	50Hz to 60Hz
Output Voltage	100, 250, 333, 500, 1000mV
Output Current, maximum (external load)	333mA
Standard Accuracy	Class 1.0 per Table 201, IEC 61869
Optional Accuracy	Class 0.5 per Table 201, IEC 61869
Output Resistance (for 333mV)	<100 ohms
Interface Impedance	50K ohms
Temperature Range	-40°C to 55°C
Continuous Rating Factor	1X
Altitude	2000 meters, pollution degree 2, humidity 95% non-condense
Construction	High temp plastic, per UL2808
Lead Wires	8 Foot twisted, 18AWG MTW per UL1015
Installation	Source of current indicated by label

Popular Sizes:

Window (inches)	Model	Output Voltage
1.5 x 3.5	CT104VS-800A:333mV-1.5x3.5	250mV, 333mV, 1000mV
1.5 x 4.0	CT104VS-800A:333mV-1.5x4.0	250mV, 333mV, 1000mV
2.0 x 3.0	CT104VS-1000A:333mV-2.0x3.0	250mV, 333mV, 1000mV
4.0 x 4.0	CT104VS-1500A:333mV-4.0 x 4.0	250mV, 333mV, 1000mV
4.0 x 4.5	CT104VS-3000A:333Mv-4.0 x 4.5	250mV, 333mV, 1000mV
5.0 x 7.0	CT104VS-6000A:333Mv-5.0 x 7.0	250mV, 333mV, 1000mV

OUTPUT TABLE	
STD Millivolt Outputs	STD Milliamp Outputs
50mV	33mA
100mV	50mA
200mV	100mA
250mV	200mA
333mV	250mA
500mV	333mA
1000mV	