

# 333mV Large Aperture Split Core CTs

Large aperture (bus-bar style) CTs measure high currents in multiple parallel conductors and bus bars. They are typically installed where the multiple conductors making up one phase connect together at the end of a bus-bar, or at the lugs of a breaker or disconnect. Space is typically limited at these locations which makes selecting a window opening size difficult.



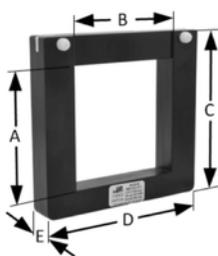
## Product Numbers and Variants

Product Number	Product Name	Product Description
903-414-01	800A:333mV Split-Core (4.0" X 4.0")	800A:333mV split-core CT with 4.00" X 4.00" aperture. 1.5% accuracy within 10% - 100% of rated current.
900-352-01	1200A:333mV Split-Core (4.0" X 4.0")	1200A:333mV split-core CT with 4.00" X 4.00" aperture. 1.5% accuracy within 10% - 100% of rated current.
903-415-01	2000A:333mV Split-Core (4.0" X 4.0")	2000A:333mV split-core CT with 4.00" X 4.00" aperture. 1.5% accuracy within 10% - 100% of rated current.
900-315-01	3000A:333mV Split-Core (4.0" X 4.5")	3000A:333mV split-core CT with 4.50" X 4.00" aperture. 1.5% accuracy within 10% - 100% of rated current.

## Features and Specifications

- Rated current: 800, 1200, 2000, 3000
- Monitoring-grade: 1.5% accuracy
- Output is 0.333 Vac at rated current
- UL Listed (UL 2808, XOBA) for field installation
- No exposed metal parts on assembled CT
- Line Frequency: 50 to 60 Hz
- Maximum Continuous Primary Current: same as rated amps
- Maximum Voltage: 600 Vac
- Over-voltage and Measurement Category: CAT IV, 600 Vac
- Output Lead Wires:
- Standard length: 8 ft (2.4 m) o Gauge: #18 AWG
- Type: MTW, UL 1015
- Voltage: 600 Vac
- Output: Voltage output, integral burden resistor
- Output Voltage at Rated Amps: 0.33333 Vac (one-third volt)
- Output Protection: includes internal burden resistor

- Output Accuracy (% of reading):
- Accuracy:  $\pm 1.0\%$  from 10% to 100% of rated current
- Phase angle: 0.0 to 1.5 degrees leading from 5% to 120% of rated current
- Regulatory
- CE UL: UL listed, XOBA
- UL 2808, CAN/CSA-C22.2 No. 61010-1, E363660
- RoHS Compliant: EU Directive 2011/65/EU
- Operating Temperature:  $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $+158^{\circ}\text{F}$ )
- Operating Humidity: Non-condensing, 0 to 95% relative humidity (RH)
- Operating Altitude: Up to 2000 m (6561 feet)
- Pollution Degree: 3 (harsh environment)
- Indoor Use: Suitable for indoor use
- Outdoor Use: Suitable for outdoor use when mounted in a NEMA 3R or 4 (IP 66) rated enclosure, provided the ambient temperature will not exceed  $70^{\circ}\text{C}$  ( $158^{\circ}\text{F}$ )



Product Number	A Inch (MM)	B Inch (MM)	C Inch (MM)	D Inch (MM)	E Inch (MM)
903-414-01	4.0 (102)	4.0 (102)	6.22 (158)	6.61 (168)	1.15 (29.0)
900-352-01	4.0 (102)	4.0 (102)	6.22 (158)	6.61 (168)	1.15 (29.0)
903-415-01	4.0 (102)	4.0 (102)	6.22 (158)	6.61 (168)	1.15 (29.0)
900-315-01	4.5 (114)	4.0 (102)	6.72 (171)	6.61 (168)	1.15 (29.0)