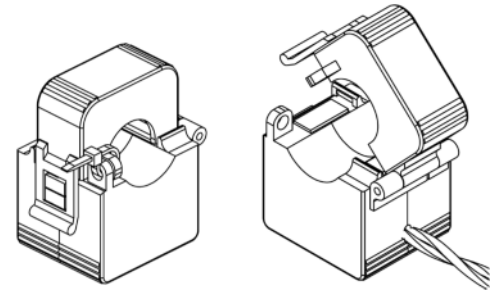


# WC1 SERIES

## Split-Core Current Transformers



WC1 Series is widely popular and compact in size. The pivot hinge design allows for tight tolerance during open/close metering & energy management applications and retrofits without dismantling power-line. This CT has WC's trademark ergonomic secured Arc-Latch™ feature along with locking and servicing date tag provisions. Install with confidence from made in America design, quality and assembly!



### MECHANICAL

Window Size	0.72" x 0.62" [18.3mm x 15.7mm]
Wire Leads	6ft [1.8m] 18AWG black/white twisted UL1015 105°C 600V
Operating Temperature	-15°C to 80°C (90% Rel. Hum.)
Altitude	6,600ft [2012m]
Weight	0.35Lb [158.8g]
Keying Hole	Locking or date tag provision
Ergonomic	Arc-Latch™ for EZ-Open, no tool

### ELECTRICAL

Primary Input (max.)	100A, AC Sine-wave 50/60Hz
Secondary Output	0.333VAC, full-scale
Accuracy (typical)	0.5%
Linearity	10% - 120%
Polarity	White (X1—Hi), Black (X2—Low)
Phase Direction	Arrow points toward Load
Frequency	40-400Hz

### REGULATORY STANDARDS

Voltage Rating	600V AC, BIL 10KV AC Full-wave
Construction	UL94V-0 flame retardant plastic
Standards	UL2808 & ANSI C57.13 & IEC61010-1 CSA C22.2 61010-1-12 & CE Mark

### INSTALLATION

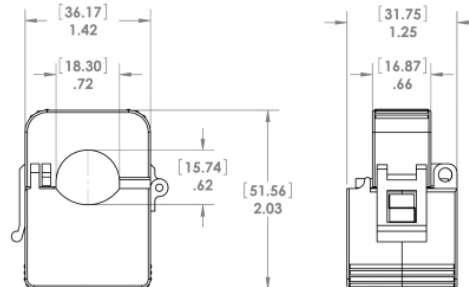
For indoor use only. Turn off power source before working on CTs. Observe X1X2 polarity and read manufacture's instructions of the equipment you are connecting to CTs for proper installation guide. Professional installations required for safe handling and operation.

### MODELS

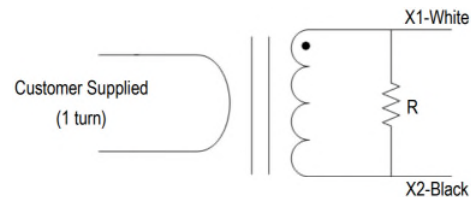
MODEL	RATIO*	ACCURACY
WC1-030-MV333	30A/0.333mV	0.8
WC1-060-MV333	60A/0.333mV	0.5
WC1-080-MV333	80A/0.333mV	0.5
WC1-100-MV333	100A/0.333mV	0.5

\*Custom ratio outputs available in mV, V & mA

### DIMENSIONS [mm]



### SCHEMATIC



De-energize source before installation! Observe local and national electrical codes for safety and compliance. Licensed electricians required. Use precaution when working with electricity!



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