WC1 SERIES
Split-Core Current Transformers

WC1 Series is the smallest and most economical of the WC Series. The pivot hinged 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 secure 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] 22AWG blk/wht twisted UL1015 105°C 600V
Operating Temperature	-15°C to 65°C (90% Rel. Hum.)
Altitude	6,600ft [2012m]
Weight	0.27Lb [122.5g]
Keying Hole	Cable tie for locking or date tag
Ergonomic	Arc-Latch™ for EZ-Open, no tool

ELECTRICAL

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

REGULATORY STANDARDS

Voltage Rating	600VAC, BIL 10KV AC Full-wave
Construction	UL94V-0 flame retardant, thermoplastic
Standards	IEEE C57.13, IEC 60044-1 & ANSI C12.20

INSTALLATION

For indoor use only. Turn off power source before working with 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.

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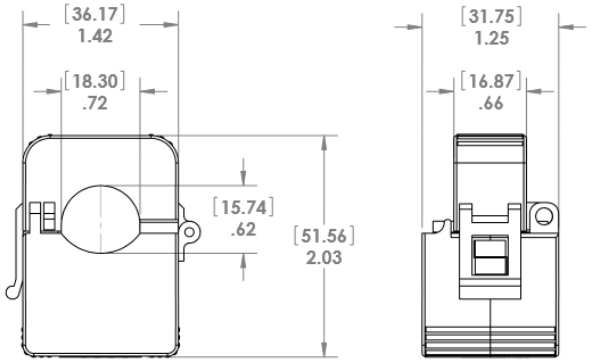
MODELS

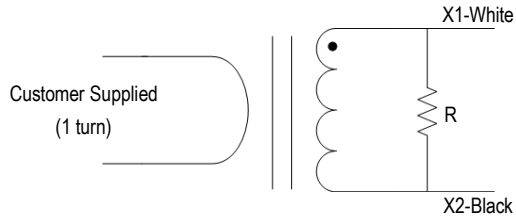
PART-NUMBER	RATIO*	ACCURACY
WC1-030-MV333	30A/0.333V	1.0
WC1-060-MV333	60A/0.333V	0.5
WC1-080-MV333	80A/0.333V	0.5
WC1-100-MV333	100A/0.333V	0.5

*Custom ratio output available: XXmA, XXmV, 1V & 2V

DIMENSIONS [mm]



SCHEMATIC



⚠ DANGER

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