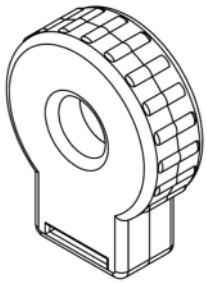
WCS055 SERIES
Solid-Core Current Transformers

WCS055 is designed for light to medium load applications. It's a practical choice for many applications due to its 1/2" opening. WCS055 has rigid thermoplastic sealed case suitable for commercial and industrial environment with the durability & rugged design of WATTCORE products. The bump lozenge ID shape allows for easy handling with gloves during installation without slipping. Install with confidence from made in America design, quality and assembly!



MECHANICAL

Window Size	Ø0.55" [Ø13.97mm]
Wire Leads	6ft [1.8m] 22AWG black/white twisted UL1015 105°C 600V
Operating Temperature	-15°C to 80°C (90% Rel. Hum.)
Altitude	6,600ft [2012m]
Weight	0.15Lb [68g]
Feature	Slot provision for securing CT
Ergonomic	Lozenge ID for glove-friendly handling

ELECTRICAL

Primary Input (max.)	100A, AC Sine-wave 50/60Hz
Secondary Output	0.333VAC, full-scale
Accuracy (typical)	0.2%
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, CATIV Double insulations, Pollution Degree 3
Standards	UL2808, ANSI C57.13 & IEC61010-1 CSA C22.2 61010-1-12 & CE Mark

INSTALLATION

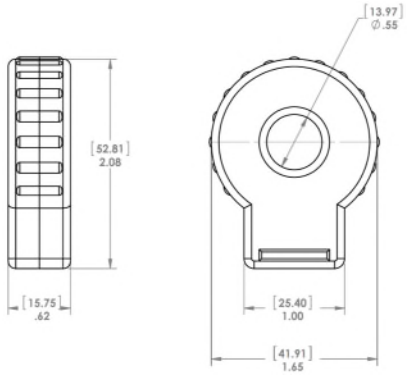
For indoor use only. Turn off power source before working on CTs. Observe X1X2 polarity and read manufacture's instructions of the equipment you are connecting to CTs for proper installation guide. Professional installations required for safe handling and operation.

MODELS

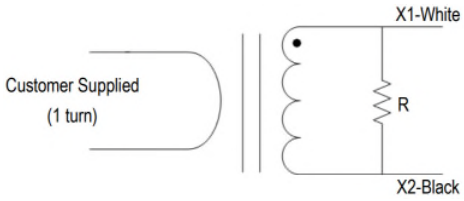
MODEL	RATIO*	ACCURACY
WCS055-060-MV333	60A/0.333mV	0.2
WCS055-080-MV333	80A/0.333mV	0.2
WCS055-100-MV333	100A/0.333mV	0.2

*Custom ratio outputs available in mV, V & mA

DIMENSIONS [mm]



SCHEMATIC



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DANGER

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