

# WC5 SERIES

## Split-Core Current Transformers

WC5 Series handles medium to high load while retaining compact size. Accessible from either sides allow electricians to open/close easily during metering & energy management installations and retrofits without dismantling power-line. This CT has WC's trademark ergonomic secured 2D -Latch™ feature along with locking and servicing date tag provisions. Install with confidence from made in America design, quality & assembly!

### MECHANICAL

Window Size	2.0" x 3.5" [50.8mm x 88.9mm]
Wire Leads	6ft [1.8m] 16AWG black/white twisted UL1015 105°C 600V
Operating Temperature	-15°C to 80°C (90% Rel. Hum.)
Altitude	6,600ft [2012m]
Weight	1.85Lbs [0.84Kg]
Keying Hole	Plastic rivets for locking or date tag
Ergonomic	Arc-Latch™ for EZ-Open, no tool

### ELECTRICAL

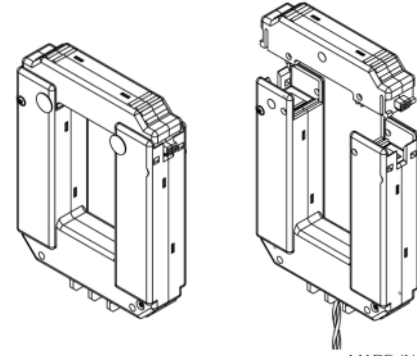
Primary Input (max.)	1000A, AC Sine-wave 50/60Hz
Secondary Output	5A, full-scale
Accuracy (typical)	0.5%
Linearity	10% - 120%
Polarity	White (X1—Hi), Black (X2—Low)
Phase Direction	Arrow points toward Load
Frequency	40-400Hz

### REGULATORY STANDARDS

Voltage Rating	600V AC, BIL 10KV AC Full-wave
Construction	UL94V-0 flame retardant plastic, CATIII
Standards	Double insulations (optional) 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.

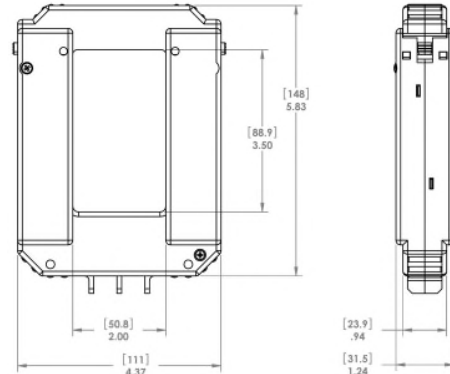


### MODELS

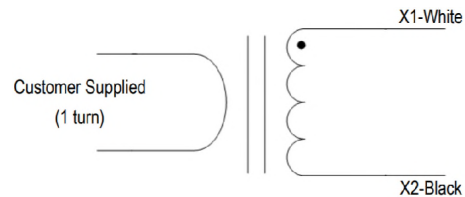
MODEL	RATIO*	ACCURACY	BURDEN (VA)
WC5-0400-RA5	400:5A	0.6	2.25
WC5-0600-RA5	600:5A	0.5	2.75
WC5-0800-RA5	800:5A	0.5	3.75
WC5-1000-RA5	1000:5A	0.5	4.50

\*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!



WATTCORE INC | Core Solutions for Energy Management™  
6208 Oakton Street  
Morton Grove, IL 60053 (USA)  
571.482.6777 | sales@wattcore.com | www.wattcore.com