

MLG-WCT-1400-5A SERIES

Split-Core Current Transformers

MLG-WCT-1400-5A Series was designed with compactness and high current ratio in mind. At 350A primary current, the MLG-WCT-1400 is clearly the smallest in the market. The pivot hinged design allows for tight tolerance during open/close metering & energy management applications and retrofits without dis-mantling power-line. This CT has the ergonomic secure Arc-Latch™ feature along with locking and servicing date tag provisions. Install with confidence from made in America design, quality & assembly!

MECHANICAL

Window Size	1.0" x 1.4" [25.4mm x 35.6mm]
Wire Leads	6ft [1.8m] 18AWG blk/wht twisted UL1015 105°C 600V
Operating Temperature	-15°C to 65°C (90% Rel. Hum.)
Altitude	6,600ft [2012m]
Weight	0.5Lb [226.8g]
Keying Hole	Cable tie for locking or date tag
Ergonomic	Arc-Latch™ for EZ-Open, no tool

ELECTRICAL

Input (max.)	350A, AC Sine-wave 50/60Hz
Output	5A, full-scale, 1A optional
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, CAT III
Construction	UL94V-0 flame retardant plastic Double insulations (optional)
Standards	UL2808, ANSI C57.13 & IEC61010-1 CSA C22.2 61010-12 & CE Mark

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.

Measurlogic Inc.

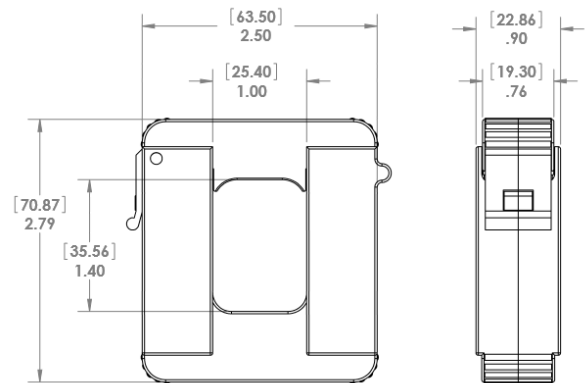


MODELS

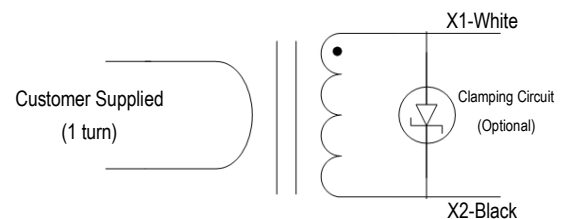
PART-NUMBER	RATIO*	ACCURACY
MLG-WCT-1400-150-5	150:5A	1.0
MLG-WCT-1400-200-5	200:5A	0.5
MLG-WCT-1400-300-5	300:5A	0.5
MLG-WCT-1400-350-5	350:5A	0.5

*Custom ratio output available: XXmA and 1A

DIMENSIONS [mm]



SCHEMATIC



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

Measurlogic Inc.

7268 S. Tucson Way,
Centennial, CO 80112 (USA)
303-805-5252 | sales@measurlogic.com | www.measurlogic.com