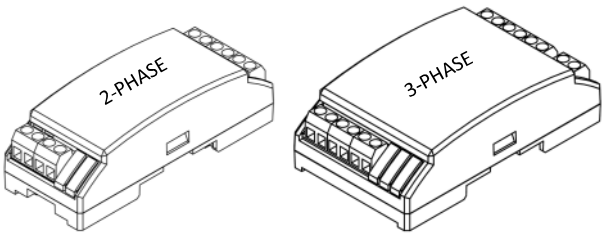
WCV SERIES
Rogowski Coil CT Integrators

WATTCORE Rogowski Coil Integrator WCV Series comes in 1-3 phase models. WCV Series integrators are designed to be used with WATTCORE WCR Series Rogowski Coil CTs. Unique to industry, WCV integrators do not require button selections or onsite calibration. Integrators will work out of the box by simply hooking up to any of our WCR Series CTs, thus cutting down on installation time. Install with confidence from made in America design, quality and assembly!



MECHANICAL

Module	Low profile custom design DIN style enclosure
Terminal Block	Easy plug-in block connector
Operating Temperature	-15°C to 65°C (90% Rel. Hum.)
Altitude	6,600ft [2012m]
Weight	2-Phase @0.12Lb / 3-Phase @0.15Lb
Ergonomic ID	Compact and DIN mount

ELECTRICAL

WCV Input	70mV AC Sine-wave 60Hz
Rogowski Coil Input (max)	30,000A AC Sine-wave 60Hz
WCV Output	0.333V full scale, AC @ 60Hz
Accuracy (typical)	0.5%
Linearity	10% - 120%
Input Polarity	Red (X1—Hi), Black (X2—Low)
Power-supply (not included)	12VDC @1.2A or 24VDC @0.6A

REGULATORY STANDARDS

Voltage Rating	600V AC, Category II
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.

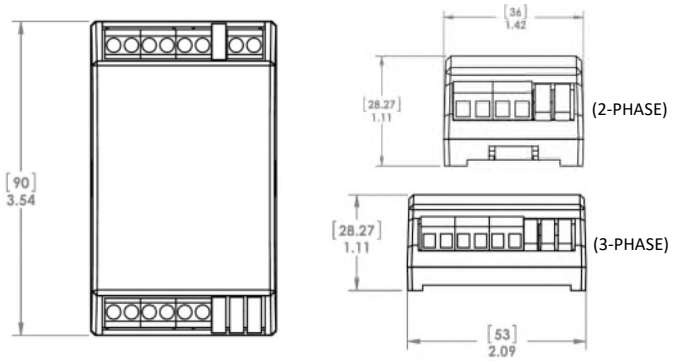
Separate 12/24VDC Power Supply required to power WCV Integrator. Contact manufacture for purchase or recommendation!

MODELS

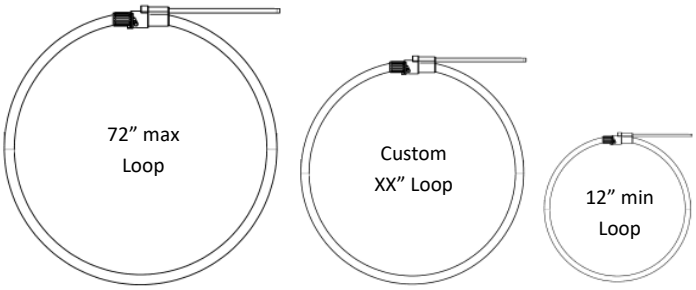
MODEL	RATIO*	ACCURACY
WCV1-070MV-MV333	70mV/333mV	0.5
WCV2-070MV-MV333	70mV/333mV	0.5
WCV3-070MV-MV333	70mV/333mV	0.5

*Custom ratios available

DIMENSIONS [mm]



WCR SERIES CTs (Sold separately)



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!

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