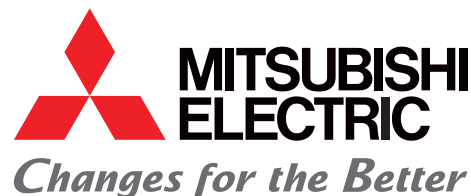




for a greener tomorrow



WC4 Series

Split-Core Current Transformers

Data Sheet

WC4 Series split-core current transformers from Wattcore are the most popular and accurate among the WC Series. The pivot hinged design allows for tight tolerance during open/close metering & energy management applications and retrofits without disconnecting the power-line. WC Series is designed and calibrated for use with the Mitsubishi Electric family of meters including: ME96-SSE-MB, ME96-SSR-MB and ME96-SSH-MB.



Mechanical

Window Size	1.3" x 1.7" (33.0 mm x 43.1 mm)
Wire Leads	6 ft (1.8m) 16AWG blk/wht twisted UL1015 105 °C 600V
Operating Temperature	-15 °C to 65 °C (90% Rel. Hum.)
Altitude	6,600 ft (2012 m)
Weight	1.1 lbs (0.5 kg)
Keying Hole	Plastic rivet for locking or date tag
Ergonomic	Hinged opening mechanism for easy installation

Electrical

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

Regulatory Standards

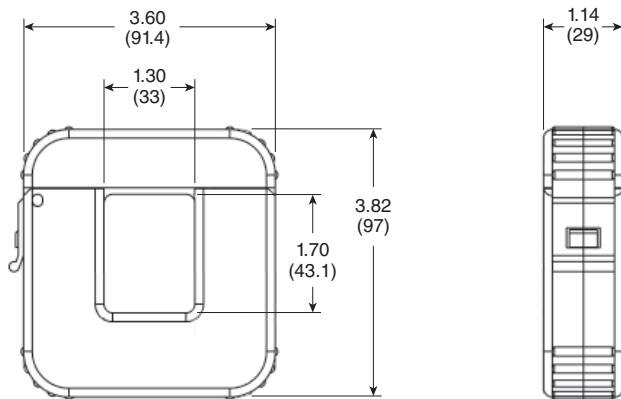
Voltage Rating	600VAC, Category III
Construction	UL94V-0 flame retardant, thermoplastic
Standards	IEEE C57.13 & IEC 60044-1 UL 61010-1 & CAN/CSA C22.2 IEC 61010-2 & ANSI C12.20

Models

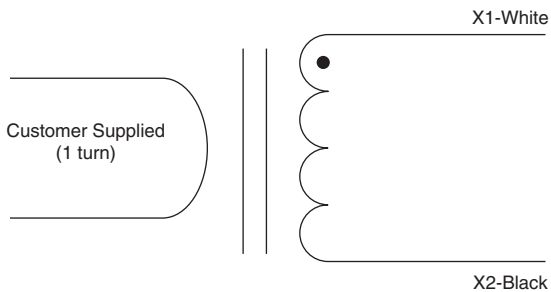
PART NUMBER	RATIO	ACCURACY	BURDEN (VA)
WC4-100-RA5-ME	100:5A	1.0	1.5
WC4-200-RA5-ME	200:5A	0.5	2.1
WC4-300-RA5-ME	300:5A	0.5	2.4
WC4-400-RA5-ME	400:5A	0.5	2.8

WC4 Series Split-Core Current Transformers – Data Sheet

Dimensions in. (mm)



Schematic



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