

CTSR Series of Split core Current Transformers

CTSR Series (Rated Secondary Output: mA/V)

The YUANXING CTSR series of split core style current transformers are designed for fast and easy installation. The split core design permits non-contact current measurements through magnetic field induction without disconnecting cables circuits for CT installation. This method permits a safer, easier and portable current measurement.



FEATURES

- Low cost
- 3 standard sizes
- Split core design, safer, easier installation, and portable.

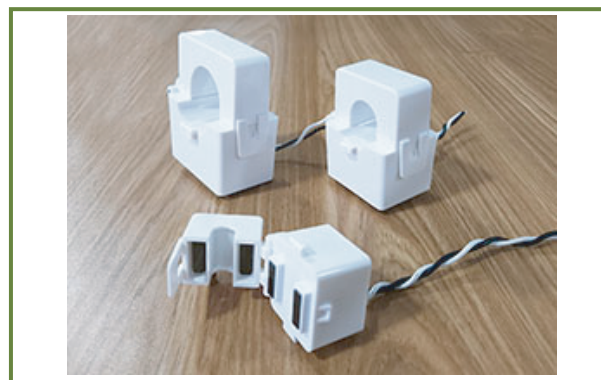
APPLICATIONS

- Electrical lines and equipment of current measurement, control and protection
- Measures AC current flow to electric motors, lighting, air condition equipment, etc. Compatible with HVAC temperature control, power management, building automation systems.

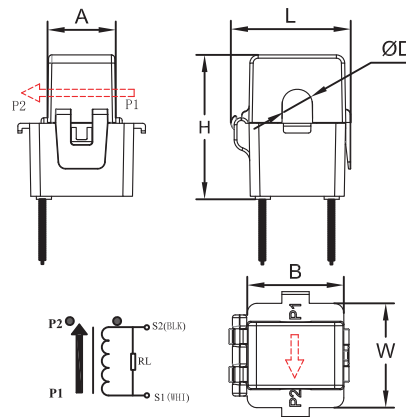
SPECIFICATIONS

- Frequency: 50Hz/60Hz
- Voltage rating: 600VAC rms. CAT III per UL2808 and 61010-1
- Dielectric withstand voltage 2500V for 1minute.
- Dielectric resistance: 100M Ohms@500VDC
- Operating Temperature: -40°C to +55°C
- Leads: 1.83m(6Ft), AWM 1015(optional: MTW1015) Twisted Pair, 0.82mm²(18AWG), 600V, Black/White...
- Lead termination: Stripped and tinned.
- UL Listed to UL2808 and CSA C22.2 No. 61010-1
- RoHS compliant.

PERFORMANCES



DIMENSION DRAWING



Part Number	Ratio	Measuring			Frequency (Hz)	Outline Dimensions ID-L-W-H-A-B (mm)
		Rated Input	Accuracy Class	Phase linearity error		
CTSR010	1000:1	5, 20, 50, 75A	0.5	≤30'	50~1K	11-43.3-37.7-52.1 -24.6-34.9
	2000:1		1.0			
CTSR024	2500:1	100, 150, 200, 250 A	0.5	≤30'	50~1K	24.1-64.5-43.2-73.2- 26.1-56
	3000:1		1.0			
CTSR036	4000:1	200, 300, 400, 500 A	0.5	≤30'	50~1K	36.1-76.9-45-87 -26.2-68
			1.0			

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