

Split Core Current Transformer

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The split core current transformers are designed for fast and easy installation. The split core design permits non-contact current measurements through magnetic field induction without requiring that the primary wire be taken offline and disconnected for CT installation. This method permits a safer, easy and portable current measurement. An internal precision burden resistor across the secondary winding of the CT provides a safe low voltage output and permits safe opening of the secondary

Features

Low cost, split core design, safer, easier installation, portable.

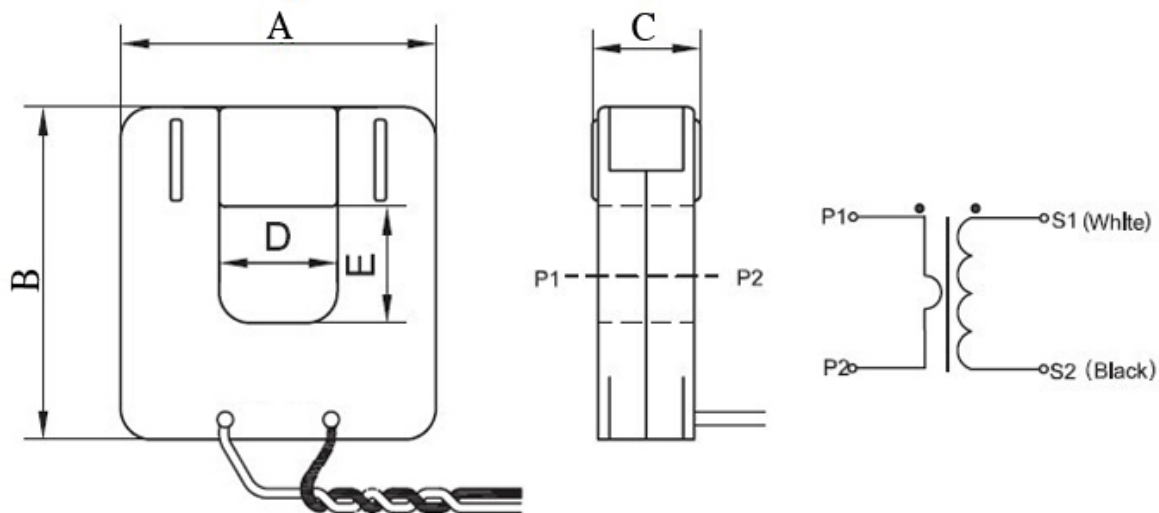
Specifications

- Rated Current 5A to 3000A loads.
- Rated output: 0.333Vac
- Accuracy: $\pm 1\%$ from 5% to 120% of rated current
- Phase Angle: less than 2 degrees at 50% of rated current
- Insulation Voltage: 600Vac
- Maximum Primary Voltage: 5000Vac (Insulated Conductor)
- Operating Temperature: -15°C to 60°C .
- Frequency Range: 50-400Hz
- Leads: 4Foot (105cm), UL 1015, Twisted Pair, 0.34mm^2 (22AWG)
- UL&CE recognized. RoHS Compliant
- Output and leads can be customized



Application:

Measures AC current flow to electric motors, lighting, air conditioning equipment, etc. Compatible with HVAC temperature control, power management, building automation systems.



Model	I.D.	Rated Amps	Output	Accuracy	SIZE (mm)				
					A	B	C	D	E
PL-0750	0.75" (19.1mm)	5, 15, 30, 50, 70, 100, 150, 200	0.333V	1.0	51.6	54.1	16.6	19.1	18
PL-1250	1.25" (31.8mm)	70, 100, 150, 200, 250, 300, 400, 600		1.0	82.3	85.3	26.4	32	32.3
PL-2000	2.00" (50.8mm)	400, 600, 800, 1000, 1200, 1500		1.0	120	125	29.6	52.5	52
PL-3000	3.00" x 5.00" (76.2mm x127mm)	1000, 1200, 1500,2000.3000		1.0	145	199	30.5	76	130