

2, 5, 7, 8 Series

Current Transformers with 5A Output

Economical solid core current transformers are available in wide array of ranges and sizes, many of which are not listed here.



FEATURES

- 5 Amp Secondary**
Compatible with KW meters and ammeters.
- Solid Core**
Low material cost.
- Two Physical Styles**
Round for switchgear, square for panels.

APPLICATIONS

- Energy management
- Ammeters

ORDERING INFORMATION

For final model number, replace "xxx" with 3-digit ratio code from the Range and Accuracy table.

MODEL	APERTURE DIA.	CASE
2RLxxx	1.13" (28.7mm)	Doughnut type
2SFTxxx	1.13" (28.7mm)	Square with mounting flange
5RLxxx	1.56" (39.6mm)	Doughnut type
5SFTxxx	1.56" (39.6mm)	Square with mounting flange
7RLxxx	2.50" (63.5mm)	Doughnut type
7SFTxxx	2.50" (63.5mm)	Square with mounting flange
8RLxxx	3.25" (82.6mm)	Doughnut type
8SFTxxx	3.25" (82.6mm)	Square with mounting flange

SPECIFICATIONS

Power Supply None required, self powered
 Current Ranges See Range and Accuracy table
 Output Signal 0–5A (AC)
 Frequency 50–400 Hz
 Insulation Class 0.6 kV BIL, 10 kV BIL full wave
 Accuracy ANSI Rated, see Range and Accuracy table
 Allowable Burden See Range and Accuracy table
 Rating Factor 2.0 @ 30°C amb.
 Environmental –40 to 133°F (–40 to 55°C)

DIMENSIONS IN INCHES (mm)

Round RL Series with Lead Wires:

	2RL	5RL	7RL	8RL
Aperture Diameter	1.13 (28.7)	1.56 (39.6)	2.50 (63.5)	3.25 (82.6)
Outside Diameter	2.43 (61.7)	3.56 (90.4)	4.56 (115.8)	5.73 (145.5)
Depth	0.96 (24.4)	1.10 (27.9)	1.10 (27.9)	1.15 (29.2)
Lead length	24 (610)	24 (610)	24 (610)	24 (610)

Square SFT Series with Mounting Flange and Terminals:

	2SFT	5SFT	7SFT	8SFT
Aperture Diameter	1.13 (28.7)	1.56 (39.6)	2.50 (63.5)	3.25 (82.6)
Height	2.67 (67.8)	3.65 (92.7)	4.69 (119.1)	5.73 (145.5)
Width	2.33 (59.2)	3.53 (89.7)	4.56 (115.8)	5.73 (145.5)
Depth	1.88 (47.8)	2.15 (54.6)	2.13 (54.1)	2.91 (73.9)

RANGE AND ACCURACY

CT RATIO	RATIO CODE	MODEL 2		MODEL 5		MODEL 7		MODEL 8	
		Accuracy	VA	Accuracy	VA	Accuracy	VA	Accuracy	VA
50:5	500	3%	1.0	2%	0.75	2%	0.5		
75:5	750	2%	2.0	2%	1.25	2%	1.0		
100:5	101	1%	2.5	2%	2.25	1%	2.0		
150:5	151	1%	4.0	1%	5.0	1%	2.5		
200:5	201	1%	5.0	1%	5.0	1%	5.0	1%	5.0
250:5	251	1%	7.5	1%	12.5	1%	5.0	1%	7.5
300:5	301	1%	10.0	1%	12.5	1%	5.0	1%	15.0
400:5	401			1%	12.5	1%	12.5	1%	25.0
500:5	501			1%	25.0	1%	15.0	1%	35.0
600:5	601			1%	25.0	1%	25.0	1%	50.0
750:5	701			1%	25.0	1%	30.0	1%	50.0
800:5	801			1%	30.0	1%	35.0	1%	60.0
1000:5	102			1%	35.0	1%	35.0	1%	75.0
1200:5	122			1%	40.0	1%	40.0	1%	75.0
1500:5	152					1%	50.0	1%	90.0
1600:5	162					1%	50.0	1%	100.0
2000:5	202							1%	120.0
2500:5	252							1%	50.0



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