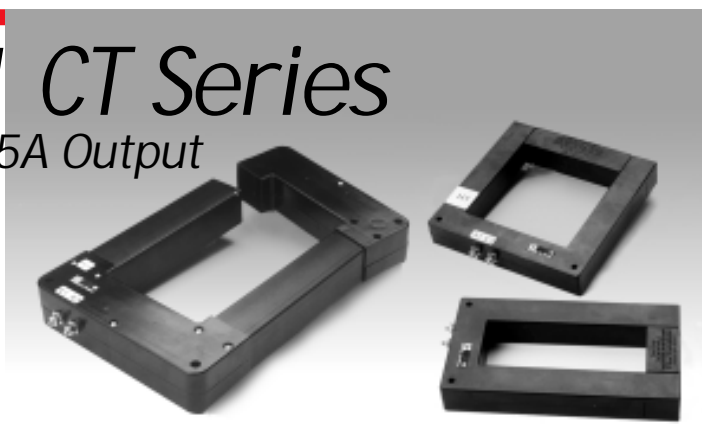


500, 600, 601 CT Series

Current Transformers with 5A Output



Robust split core current transformers are available in a wide array of ranges and sizes, many of which are not listed here. Contact the factory for further information.

FEATURES

- 5 Amp Secondary**
Compatible with KW meters and ammeters.
- Split Core**
Lowest labor cost.

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 SIZE
600T-xxx	2.0 x 5.5" (51 x 140 mm)
601T-xxx	4.5 x 4.5" (114 x 114 mm)
500T-041x071-xxx	4.1 x 7.1" (104 x 180 mm)
500T-041x113-xxx	4.1 x 11.3" (104 x 287 mm)

Maximum Lead Length in Inches:

CT Burden		Wire Size, Copper AWG				
VA	Ohms	18	16	14	12	10
1	0.04	5	8	12	20	31
2	0.08	9	15	25	39	62
3	0.12	14	23	37	59	93
4	0.16	19	30	49	78	124
5	0.20	24	38	61	98	155
7.5	0.30	36	57	92	146	233
10	0.40	47	76	123	195	310
15	0.60	71	113	184	293	465
20	0.80	95	151	245	390	620
30	1.20	142	227	368	585	930
40	1.60	189	302	491	780	1,240
50	2.00	237	378	613	976	1,550

Notes: Burden is the total opposition to flow of current on a transformer secondary. It is generally expressed as VA. Use the table above to convert VA into ohms for 5A output CTs. Lead length is the total wire run (out and back).

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)		500T	
	600	601	-041x071	-041x117
Aperture W	2.0 (51)	4.5 (114)	4.1 (104)	4.1 (104)
Aperture H	5.5 (140)	4.5 (114)	7.1 (180)	11.3 (287)
Height	7.75 (197)	6.75 (171)	10.9 (277)	15.4 (391)
Width	4.25 (108)	6.75 (171)	7.3 (185)	7.3 (185)
Depth	1.13 (29)	1.13 (29)	1.63 (41)	1.63 (41)

RANGE AND ACCURACY				500T					
CT RATIO	RATIO CODE	600		601		-041x071		-041x117	
		Accuracy	VA	Accuracy	VA	Accuracy	VA	Accuracy	VA
300:5	-301					5%	1.5	5%	1.5
400:5	-401	1%	1.5	1%	1.5	3%	2.5	3%	2.5
500:5	-501	1%	2.0	1%	2.0	1%	2.5	1%	2.5
600:5	-601	1%	2.5	1%	2.5	1%	4.0	1%	4.0
750:5	-701					1%	5.0	1%	5.0
800:5	-801	1%	5.0	1%	5.0	1%	5.0	1%	5.0
1000:5	-102	1%	7.5	1%	7.5	1%	7.5	1%	7.5
1200:5	-122	1%	15.0	1%	15.0	1%	10.0	1%	10.0
1500:5	-152	1%	20.0	1%	20.0	1%	12.5	1%	12.5
1600:5	-162	1%	20.0	1%	20.0				
2000:5	-202	1%	30.0	1%	30.0	1%	15.0	1%	15.0
2500:5	-252					1%	25.0	1%	25.0
3000:5	-302					1%	25.0	1%	25.0
4000:5	-402					1%	25.0	1%	25.0
5000:5	-502							1%	30.0
6000:5	-602							1%	40.0
8000:5	-802							1%	40.0

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