

CURRENT TRANSFORMERS

5Amp Secondary

5Amp Secondary Current Transformers offer a compact, cost-effective means of measuring primary current and providing 0–5A secondary output proportional to the primary current being sensed. Available in solid-core or split-core enclosures.



Applications

- Serves as current input for use with APT and APO/APN Series KW transducers.
- Save space in control panels by remotely locating CTs closer to load.
- 5A secondary compatible with standard products offering a 5A analog input option.
- Broad line accommodates primary currents from 50A to 3000A.

Features

- Solid-core enclosures; choice of round package with flying leads or integral feet for panel mount with terminals.
- Optional split-core enclosures for easy installation without disconnecting wiring.
- Aperture diameters From 1 1/8" to 3 1/4".
- Agency approved.

Specifications

Power Supply	Self-powered
Current Ranges	See Ranges/VA Burdens
Output Signal	0–5A (AC)
Frequency	50–400 Hz
Insulation Class	0.6 KV BIL, 10KV full wave
Accuracy	ANSI rated, (<2.0%)
Allowable Burden	See Ranges/VA Burdens
Rating Factor	2.0 @ 30°C amb.



Free program expedites evaluation process.
See page 1 for details.



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Dimensions

Series	Aperture Size
2	1.13" (28.7 mm)
5	1.56" (39.6 mm)
7	2.50" (63.5 mm)
8	3.25" (82.6 mm)
1SP	0.84"x 2.00"
3SP	2.19"x 3.25"
5SP	2.88"x 4.25"
7SP	2.88"x 6.25"

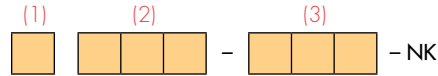
Ranges/VA Burdens

Model	CT Ratio:5	Solid-core Series				Split-core Series			
		2	5	7	8	1SP	3SP	5SP	7SP
500	50	1	0.75	0.5					
750	75	2	1.25	1					
101	100	2.5	2.25	2		1			
151	150	4	5	2.5					
201	200	5	5	5	5	1.5	1		
251	250	7.5	12.5	5	7.5				
301	300	10	12.5	5	15	2	1		
401	400		12.5	12.5	25	5	2		
501	500		25	15	35		3	2	
601	600		25	25	50		5	3	
801	800		30	35	60			10	5
102	1000		35	35	75		20	15	10
122	1200		40	40	75			25	15
152	1500			50	90			35	20
162	1600			50	100				
202	2000				120			50	40
252	2500				50				50
302	3000								50

Ordering Information

Solid-core CTs:

Sample Model Number: 2RL-501-NK



(1) Series

2, 5, 7, or 8	
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(2) Case

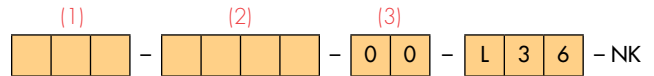
RL	Round Doughnut
SFT	Square, Integral Mounting Feet

(3) Model

XXX	See Ranges/VA Burdens
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Split-core CTs:

Sample Model Number: 7SP-600-00-L24-NK



(1) Series

1SP	100-400A
3SP	200-1200A
5SP	300-2000A
7SP	600-3000A

(2) CT Ratio

XXXX	See Ranges/VA Burdens
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(3) Lead Type

L36	36" Lead Wires
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