



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.

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**

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.

Current Transformers 5Amp Secondary

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.

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"X2.00" ID
3SP	2.19"X3.25" ID
5SP	2.88"X4.25" ID
7SP	2.88"X6.25" ID

Ordering Information

Solid-core CTs: Sample Model Number: 2RL-501-NK



(1) Series

2, 5, 7, or 8

(2) Case

RL	Round Doughnut
SFT	Square, Integral Mounting Feet

(3) Model

XXX See Ranges/VA Burdens

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

(3) Lead Type

T	Screw Terminals
L24	24" Lead Wires
L36	36" Lead Wires
L48	48" Lead Wires

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	0.75	0.5					
750	75	2.0	1.25	1.0					
101	100	2.5	2.25	2.0		1.0			
151	150	4.0	5.0	2.5					
201	200	5.0	5.0	5.0	5.0	1.5	1.0		
251	250	7.5	12.5	5.0	7.5				
301	300	10.0	12.5	5.0	15.0	2.0	1.0		
401	400		12.5	12.5	25.0	5.0	2.0		
501	500		25.0	15.0	35.0		3.0	2.0	
601	600		25.0	25.0	50.0		5.0	3.0	
801	800		30.0	35.0	60.0			10.0 5.0	
102	1000		35.0	35.0	75.0		20.0	15.0 10.0	
122	1200		40.0	40.0	75.0			25.0 15.0	
152	1500			50.0	90.0			35.0 20.0	
162	1600			50.0	100.0				
202	2000				120.0			50.0 40.0	
252	2500				50.0			50.0	
302	3000							50.0	