



# NK Technologies

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**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

<b>Power Supply</b>	Self-powered
<b>Current Ranges</b>	See Ranges/VA Burdens
<b>Output Signal</b>	0–5A (AC)
<b>Frequency</b>	50–400 Hz
<b>Insulation Class</b>	0.6 KV BIL, 10KV full wave
<b>Accuracy</b>	ANSI rated, (<2.0%)
<b>Allowable Burden</b>	See Ranges/VA Burdens
<b>Rating Factor</b>	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" X 2.00"
3SP	2.19" X 3.25"
5SP	2.88" X 4.25"
7SP	2.88" X 6.25"

## Ordering Information

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

(1)	(2)	(3)	
			- NK
(1) Series	(2) Case	(3) Model	
2, 5, 7, or 8	RL Round Doughnut SFT Square, Integral Mounting Feet	XXX See Ranges/VA Burdens	

**Split-core CTs:** Sample Model Number: 7SP-600-00-L24-NK

(1)	(2)	(3)	
			- NK
(1) Series	(2) CT Ratio	(3) Lead Type	
1SP 100–400A 3SP 200–1200A 5SP 300–2000A 7SP 600–3000A	XXXX See Ranges/VA Burdens	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

**5Amp Secondary CTs**