

Model 5ASC Non-Split Core Instrument Current Transformers

Made in the USA

- UL 2808 Listed E361441
- Input 100A and up
- Output 1A or 5A
- Accuracy Class 1.0
- Window Sizes standard / Custom



The Model 5ASC Current Transformer (CT) are traditional current ratio instrument transformers, standard and custom made to order. All CT's are UL Listed per UL2808 and IEC6101-1. The ratio accuracy of $\pm 1.2\%$ full scale is standard but other accuracy classes of 0.6% and 0.3% are available when a know burden is provided by customer. IEC61869 standard can also be used for special orders in some cases. The 5ASC are to be used to measure sinusoidal current only. For non-sinewaves, refer to our Model TRMS series to correctly convert to true RMS values. The Model 5ASC will meet the accuracy requirements of C57.12-2008. For relay protection instrument current transformer up to C800 ratings, refer to the Relay Instrument Current Transformer section on our website. Contact Sentran Corporation for custom orders.

Specifications

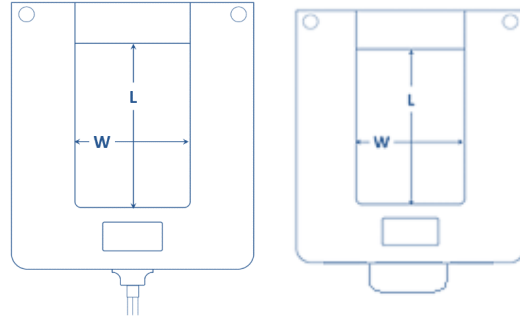
<i>Input Current</i>	AC current, sine wave, single phase 50/60Hz
<i>Voltage Rating</i>	1000VAC, tested CAT IV, Pollution 3, Overvoltage per UL2808
<i>Output Current</i>	5A or 1A. Must specify burden (VA) and distance to metering instrumentation
<i>Ratio and Linearity Accuracy</i>	1.2% at 100% of scale standard per C57.13-2008
<i>Optional Accuracies</i>	Class 0.6 and 0.3 per C57.13-2008
<i>Bandwidth</i>	40Hz to 60Hz
<i>Phase Relationship</i>	Label to face current source, white wire is positive output. H1 to source, X1 high
<i>Temperature Range</i>	-40°C to +70°C
<i>Construction</i>	Polycarbonate housing 200°C. Tested to UL2808 & CAN/CSA C22.2 NO. 61010-1-12
<i>Terminals</i>	As marked X1, X2
<i>Lead Wires</i>	8ft.black/white, 12AWG, 14AWG, SOR 18AWG MTW, UL1015



How to Order:

- Basic Part Number: 5ASC-XXX: YY- W+L (Class CC)
- XXX= Input Current
- YY= Either 1A or 5A Output
- W=Width
- L=Length
- CC= Accuracy Class available
- Example: 5ASC-2000A: 5A-4.0X4.0 (Class 0.6)

Important: Provide desired lead lengths (8' standard if no lengths are provided) and Burden (VA) of the meter.



WINDOW SIZE (Inches) \pm 0.5"	WINDOW SIZE (mm)	FLA (XXX) (Select Any)	Y OUTPUT
1.0X4.0	25.4X101.6	200A to 1000A	1A or 5 Amps
1.25X4.25	31.75X108	200A to 1000A	1A or 5 Amps
1.5X1.5	38X38	200A to 300A	1A or 5 Amps
1.5X2.0	38X51	50A to 400A	1A or 5 Amps
1.5X2.5	38X63.5	50A to 800A	1A or 5 Amps
1.75X1.75	44.5X44.5	50A to 400A	1A or 5 Amps
1.75X2.25	44.5X57.2	50A to 400A	1A or 5 Amps
2.0X6.0	44.5X150	200A to 1200A	1A or 5 Amps
2.25X2.75	57.2X69.9	200A to 500A	1A or 5 Amps
2.25X6.25	57.2X158.8	200A to 1200A	1A or 5 Amps
2.5X2.5	63.5X63.5	100A to 1000A	1A or 5 Amps
2.5X3.0	63.5X76.2	100A to 1000A	1A or 5 Amps
2.5X4.0	63.5X101.6	100A to 1500A	1A or 5 Amps
2.5X6.25	63.5X158.8	200A to 2500A	1A or 5 Amps
2.75X3.25	69.9X82.6	200A to 500A	1A or 5 Amps
2.75X4.25	69.9X108	200A to 500A	1A or 5 Amps
3.0X3.0	76.2X76.2	200A to 1200A	1A or 5 Amps
3.0X3.25	76.2X82.6	200A to 1200A	1A or 5 Amps
3.25X3.25	82.6X82.6	200A to 1200A	1A or 5 Amps
4.5X4.5	114.3X114.3	300A to 2000A	1A or 5 Amps
4.5X4.75	114.3X120.7	300A to 2000A	1A or 5 Amps
4.75X4.75	120.7X120.7	300A to 2000A	1A or 5 Amps

WINDOW SIZE (Inches) \pm 0.5"	WINDOW SIZE (mm)	FLA (XXX) (Select Any)	Y OUTPUT
3.0X4.0	76X102	Up to 4000A	5A
3.5X4.0	89X102	Up to 4000A	5A
3.5X4.5	89X114	Up to 4000A	5A
3.5X5.0	89X127	Up to 4000A	5A
3.5X6.0	89X152	Up to 4000A	5A
3.75X4.75	95X121	Up to 5000A	5A
3.75X7.5	95X191	Up to 5000A	5A
3.75X9.5	95X241	Up to 5000A	5A
4.0X5.0	102X127	Up to 5000A	5A
4.0X5.5	102X140	Up to 5000A	5A
4.0X7.0	102X178	Up to 5000A	5A
4.0X7.5	102X191	Up to 5000A	5A
4.0X11.75	102X298	Up to 6000A	5A
4.0X14.0	102X356	Up to 6000A	5A
4.0X18	102X457	Up to 6000A	5A
4.0X24	102X610	Up to 6000A	5A
4.25X4.75	108X121	Up to 4000A	5A
4.5X4.5	114X114	Up to 4000A	5A
5.5X5.5	140X140	Up to 4000A	5A
8.0X8.0	203X203	Up to 6000A	5A
9.0X9.0	229X229	Up to 6000A	5A
10.0X10.0	254X254	Up to 6000A	5A