

Model 5AS & 5ASC

with Leads or Terminals

Instrument Current Transformer

Split & Solid Core, 1A or 5A Output

5AS Split Core, 5ASC Solid Core



- UL Listed to UL2808 & IEC61010-1 (XOBA)
- Now available with UL Listed Shrouded Terminals
- Order either Leads or Terminals
- Accuracy Class 1.0 standard
- Accuracy Class 0.5, 0.3 optional
- Overvoltage Category IV (CAT IV)
- Field installable as a standalone product



The Model 5AS and 5ASC Current Transformers (CT) are traditional current ratio instrument transformers, standard and custom made to order. All CTs are UL Listed per UL2808 and IEC61010-1. Model 5AS are split core and Model 5ASC is non-split solid core. The ratio accuracy of $\pm 1\%$ full scale is standard but other accuracy classes of 0.5% and 0.3% are available when a known burden is provided by the customer.

The Model 5AS and Model 5ASC will meet the accuracy requirements of C57.13-2008 and IEC61869 Table 201. For relay protection instrument current transformer up to C800 ratings, refer to the 5ARP Protection Relay Instrument Current Transformer section on our website. Custom split and solid core instrument transformers are available. Call for details.

Specifications:

Input Current.....AC current, sine wave, single phase 50/60Hz
Voltage Rating.....600VAC, tested CAT IV Pollution 3, Overvoltage per UL2808
Output Current.....5A or 1A. Must specify burden (VA) and distance to metering instrumentation
Ratio and Linearity Accuracy.....1.0% from 10% to 100% of scale standard
Optional Accuracies.....Class 0.5 and 0.3 are available
Bandwidth.....40Hz to 60Hz
Phase Relationship.....Label to face current source, white wire is positive output. H1 to source, X1 high
Temperature Range.....-40°C to 70°C
Construction.....Polycarbonate housing 200°C. Tested to UL2808 & CAN/CSA C22.2 No. 61010-1-12
Lead Wires.....8ft. black and white, 12AWG, 14AWG or 18AWG MTW, UL1015

How to Order

Basic Part Number: 5AS (or 5ASC)-XX:YY-WxL (Class CC)

XX = Input Current

YY = either 1A or 5A output

W = Width

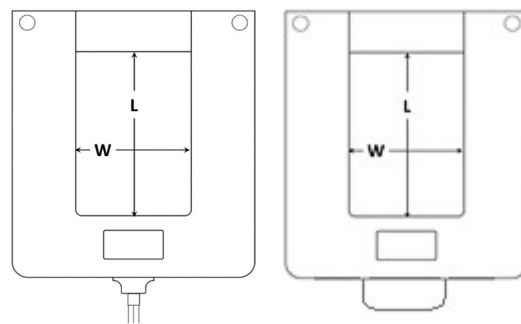
L = Length

CC = Accuracy Class available for model

Example: 5AS-2000:5A-4"x4.5" (Class 0.5)

Specify the accuracy. If accuracy not specified, then Class 1.0 applies.

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



A Shrouded Terminal Block

Typical Toroidal CT

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Patent Pending



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STANDARD SIZES

Class 1.0 from B0.1 to B1.8. Class 0.5 is available special order					
Window	Output	Window	Output	Window	Output
1.25X2.0	Metering	3.0X3.0	Metering	4.0X6.0	Metering
5AS-400A:5A-1.25X2.0		5AS-200A:5A-3.0X3.0		5AS-2000A:5A-4X6	
		5AS-800A:5A-3.0X3.0		5AS-2500A:5A-4X6	
1.5X2.0	Metering	5AS-1000A:5A-3.0X3.0		5AS-3000A:5A-4X6	
5AS-600A:5A-1.5X2.0		5AS-2400A:5A-2.0X3.0			
				5.0X5.0	Metering
1.5X3.5	Metering	3.0X3.5	Metering	5AS-400A:5A-5X5	
5AS-600A:5A-1.5X3.5		5AS-800A:5A-3.0X3.5		5AS-1600A:5A-5X5	
5AS-800A:5A-1.5X3.5				5AS-1800A:5A-5X5	
		3.0X4.0	Metering	5AS-2000A:5A-5X5	
1.5X4.0	Metering	5AS-1600A:5A-3.0X4.0		5AS-2500A:5A-5X5	
5AS-800A:5A-1.5X4.0				5AS-3000A:5A-5X5	
5AS-2000A:5A-1.5X4.0		3.0X7.0	Metering		
		5AS-4000A:5A-3X7		5.0X7.0	Metering
2.0X2.0	Metering			5AS-800A:5A 5X7	
5AS-100A:5A-2.0X2.0		4.0X4.0	Metering	5AS-1000A:5A 5X7	
5AS-200A:5A-2.0X2.0		5AS-400A:5A-4.0X4.0		5AS-2000A:5A-5X7	
5AS-300A:5A-2.0X2.0		5AS-500A:5A-4.0X4.0		5AS-3000A:5A-5X7	
5AS-600A:5A-2.0X2.0		5AS-600A:5A-4.0X4.0		5AS-4000A:5A-5X7	
		5AS-800A:5A-4.0X4.0		5AS-5000A:5A-5X7	
2.0X3.0	Metering	5AS-1000A:5A-4.0X4.0		5AS-6000A:5A-5X7	
5AS-200A:5A-2.0X3.0		5AS-1200A:5A-4.0X4.0			
5AS-300A:5A-2.0X3.0		5AS-1600A:5A-4.0X4.0		5.0X8.0	Metering
5AS-400A:5A-2.0X3.0		5AS-2000A:5A-4.0X4.0		5AS-3000A:5A-5X8	
5AS-500A:5A-2.0X3.0					
5AS-600A:5A-2.0X3.0		4.0X4.5	Metering	6.0X6.0	Metering
5AS-800A:5A-2.0X3.0		5AS-400A:5A-4.0X4.5		5AS-1600A:5A-6X6	
5AS-1000A:5A-2.0X3.0		5AS-600A:5A-4.0X4.5		5AS-3000A:5A-6X6	
5AS-1500A:250mV-2.0X3.0		5AS-800A:5A-4.0X4.5			
		5AS-1000A:5A-4.0X4.5		6.0X8.0	Metering
2.5x2.5	Metering	5AS-1200A:5A-4.0X4.5		5AS-1200A:5A6X8	
5AS-200A:5A-2.5X2.5		5AS-1500A:5A-4.0X4.5		5AS-2400A:5A-6X8	
5AS-600A:5A-2.5X2.5		5AS-2000A:5A-4.0X4.5		5AS-3000A:5A-6X8	
5AS-800A:5A-2.5X2.5		5AS-3000A:5A-4.0X4.5		5AS-4000A:5A-6X8	
5AS-1000A:5A-2.5X2.5		5AS-4000A:5A-4.0X4.5		5AS-6000A:5A-6X8	