



# INSTRUMENT CURRENT TRANSFORMER

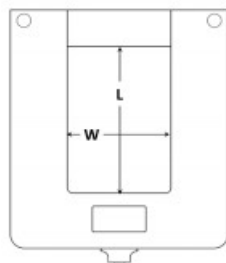


- Standard 1 or 5 amp AC out, 600VAC rated
- Choose from 100A, 6,000A input
- Designed for ratio accuracies per C57.13-2007
- Designed & build to meet UL2808, IEC61010-1 & C57.13
- Designed & build to meet Overvoltage Category CAT IV
- Available as split core or solid core

## Split Model CT105HSF

Bicron's Medium Voltage Instrument Current Transformers are internally encapsulated and potted for use in 4160VAC applications. Each CT has a slip cover (shroud) and 20kV lead wires to protect the internal components from shock. The ratio accuracy Class 1.0 (+/- 1%) at full scale is standard. Optional accuracies of 0.5% or 0.3% are available by special order. The accuracy standard used is ANSI C57.13-2008. A VA burden value must be provided when ordering lead lengths.

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



### Required Customer Input at Time of Order

- Input Current
- 1A or 5A Output
- Width
- Length
- Accuracy class (or class 1.0 applies)
- Lead length (or 8ft standard applies)
- Burden (VA) of the meter