

# Model 5ASMT 4160VAC

## Medium Voltage Toroid

### Instrument Current Transformers

Made in the USA

- Designed for field installation
- Overvoltage CAT IV rated
- Large selection of sizes
- Ratio accuracy  $\pm 1\%$  and 0.5%

The Model 5ASMT Instrument Current Transformer is a round toroidal style AC output current transformer meant for indoor installation over bare or insulated conductors. Length of leads will affect the overall accuracy so it is important to know the distance from the measuring point to the metering instrument. When ordering, specify the burden value of the metering instrument and the distance to the measuring point. The housing is made of high temperature plastic using our proprietary universal plastic molding technology. All products are manufactured at our manufacturing Facility in Salem, Oregon, USA

### Specifications

<i>Input Current</i>	AC current, sine wave, single phase 50/60Hz
<i>Voltage Rating</i>	1000V, Tested CAT IV Overvoltage per UL2808
<i>Output Current</i>	Customers selects when ordering: select either 1A or 5A and specify the burden and distance to metering instrumentation.
<i>Ratio and Linearity Accuracy</i>	$\pm 1\%$ full scale from 5% to 100% of Full Loaded AMPS (FLA) and exceeds IEC 61869 Table 201
<i>Optional Accuracy</i>	opt 0.5: $\pm 0.5\%$ full scale 5% to 100% of FLA and exceeds IEC 61869, Table 201
<i>Bandwidth</i>	40Hz to 400Hz
<i>Phase Relationship</i>	Arrow points direction of source input current that produces positive out put voltage on white wire
<i>Temperature Range</i>	-40°C to +70°C
<i>Construction</i>	Plastic housing 115°C. Designed and tested to UL2808 & CAN/CSA C22.2 NO. 61010-1-12.
<i>Lead Wires</i>	8' twisted black/white, 12AWG, UL1015. Custom lengths are available