

Model 5ASMV

Medium Voltage 4160VAC Instrument Current Transformer 5A or 1A Output

- Made to order
- Window size up to 8"x8"
- Built in shock protection
- Accuracy Class 1.0 standard
- Accuracy Class 0.5, 0.3 optional
- Overvoltage Category IV (CAT IV)



The Model 5ASMV Split Current Transformer is a traditional current ratio Instrument transformer rated for 4160VAC applications. The transformers are provided with internal transient voltage suppressors (TVS) to reduce the output voltage to 14VAC for shock protection. The ratio accuracy of Class 1.0 (+/- 1%) at full scale is standard and optional accuracies of 0.5% is available if ordered. The accuracy standard used is ANSI C57.13-2008. A VA burden value must be provided for when ordering with lead lengths.

The 5ASMV is manufactured like our Model 5AS UL Listed version except the extended shrouded legs have been added with additional high voltage insulation and the internal encapsulation.

Specifications:

Input Current.....AC current, sine wave, single phase 50/60Hz
Voltage Rating.....4160VAC, 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 5% to 100% of scale standard
Optional Accuracies.....Classes 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.....Plastic polycarbonate housing 200°C. Internally potted or encapsulated
Lead Wires.....8ft. black and white, 14AWG, rated 5kV or higher

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