

# Model 4LSMV

## Split-Core Current Transformer Rated for 4160VAC

- Input Range From 100A to 4000A
- mV or mA Outputs Available
- Accuracy Class 1.0 Standard
- Window Sizes From 2"x2" to 8"x8"
- 10kV High Voltage Leads



The 4LSMV is a 4160VAC rated AC input split current transformer with an internal burden resistor that sets the output to one of several customer selected outputs from 250mVac to 1000mVac. The 4LSMV is internally encapsulated and has an insulated cover that slips over the height of the CT. Current ratio types with milliamp output are also available. The current output requires an external burden resistor. Please contact Sentran Corporation for the best turns ratio compatible with your instrumentation. Insulated high voltage leads are provided and UL rated for up to 10,000 volts minimum.

### Specifications:

<b>Input Current</b> .....	AC current, sine wave, single phase 50/60/400Hz
<b>Voltage Rating</b> .....	4160VAC (not intended for non-insulated busbars)
<b>Bandwidth</b> .....	50Hz to 400Hz
<b>Output Voltage</b> .....	100mV, 250mV, 333mV, 500mV, 1VAC
<b>Output Current</b> .....	Up to 333mA maximum
<b>Output Limiting</b> .....	14V peak Transient Voltage Suppressor (TVS)
<b>Standard Accuracy</b> .....	Class 1 per Table 201 IEC 61869
<b>Output Resistance (Voltage Output)</b> .....	<100 typical
<b>Interface Resistance</b> .....	Must be >100k
<b>Temperature Range</b> .....	-20°C to 55°C
<b>Rating Factor</b> .....	1.0 at 55°C
<b>Construction</b> .....	Molded or milled high temp UL plastic and/or potted construction per UL requirements
<b>Lead Wires</b> .....	8ft. twisted black/white, 10kVAC (or higher) UL rated

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