

Model Series 4LSMV 4160V

**Split Core AC Current Transformer
Millivolt AC Output
Potted Construction, 4160VAC Rated**

- **Select Range 100A to 4000 Amp Input**
- **Millivolt Output 250mVac to 1Vac (Select)**
- **Accuracy +/- 1% Full Scale as Calibrated**
- **2x2" to 8x8" Windows (Select)**
- **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 potted. 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 UL rated for up to 10,000 volts minimum.

Specifications

Input Current: AC current, sinewave, single phase 50/60/400Hz

Voltage Rating: 4160Vac

Output: Select one of the following: 250mV, 333mV, 500mV, or 1000mVac output. Turns ratios of 1000:1, 2000:1 or 3000:1 are also available but must be pre-approved by Sentran Corporation.

Ratio and Linearity Accuracy: Set to 1% midscale at +/- 1% at full scale and 2.0% down to 10% of scale.

Bandwidth: 50Hz/60Hz

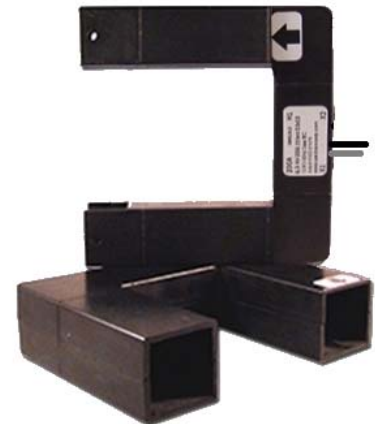
Resistor at Receiver: Millivolt output type must be interface into impedance of at least 10,000 ohms.

Temperature Effects: Less than 0.05% from -20°C to +50°C

Lead Wires: 8 Foot twisted, 10,000V (or higher) Black/White UL rated leads.

Construction: PVC, ABS and potted housing for indoor type 1 rating per UL506.

HIGH VOLTAGE COVER REMOVED



How to Order:

CUSTOM MADE-TO-ORDER: Create a part number using "4LSHV" then input, output & window.
Example: 4LSHV-1000A:333mV-2.5" is a 1000A CT with 333mVac output and 2.5" window.

Typical window sizes – many other sizes available

Window (square)	Length(*)	Width(*)	Height(*)
2.0	3.5"	3.8"	1"
2.5"	4.0"	5.3"	1"
3.0"	4.5"	5.5"	1"
3.5"	5.0"	5.5"	1"
4.0"	5.5"	6.0"	1"
4.5"	6.0"	6.5"	1.1"
5.0"	6.5"	7.5"	1.25"
6.0"	7.0"	9.0"	1.25"

