

Underground current sensors (ring and split-core CTs) ElbowSense™ Current Sensors

Lindsey 600V ElbowSense current sensors are specially designed for use with 200A and 600A underground elbow connectors. Both sensors feature a 3.125" (79mm) inside diameter.



- **The Lindsey ElbowSense** ring-style current sensor is watertight and suitable for use in pad-mat, metal enclosed, and submersible vault applications. It offers very high accuracy (+/- 1%), no phase shift, and excellent harmonic response (flat through the 20th harmonic).
- **The Lindsey ElbowSense** split-core sensor provides additional installation flexibility and is suitable for use in padmount and metalclad applications. The split-core sensor is high accuracy (1%) and has no phase shift. The split-core sensor is not recommended for harmonic sensing applications.
- **All sensors** are provided with a watertight 10 foot (3m) cable.

Ordering Information

Part Number Sequence 95A0/D01L

Where:

Code	Descriptions	Options
A	Sensor Type	1=ElbowSense ring current sensor 2=ElbowSense split-ring current sensor
D	Current Output Signal	1 = 600A:10V (required when selecting split-core style) 3 = 600A:5A 4 = 600A:1A 5 = 300A:5A
L	Cable Length	1 = 10 ft (3m) 2 = 20ft (6m)

Example: 9520/1021 is a split-core current sensor, 600A:10V ratio, with 10 foot (3m) cast-in cable.

Specifications

Accuracy:	1%			
Phase Shift:	0 degrees nominal, +/- 0.5 degrees			
Operating Temperature Range:	-40° C to +65° C			
Ratio:	600Amp : 10Volt	600Amp : 5Amp	600Amp : 1Amp	300Amp : 5Amp
Burden:	10,000 Ohms, MIN.	0.9 Ohms, MAX.	22.5 Ohms, MAX.	0.22 Ohms, MAX.
Max Open Circuit Voltage@ 600 Amps	10	14.5	88	8

