

Part No. **CS-SC-200**



Split-Core CT Current Sensor

Sensor Features:

- Clamp-On Current Sensor
- Current Transformer Technology
- Non-Intrusive Installation
- Sensitive to AC Currents (0.1 to 200 Amps)
- Secure Hinge and Snap Locking Mechanism
- Very Low Noise
- High Sensitivity
- Analog Output Voltage

Sensor Description:

The split-core current transformer is a compact, non-intrusive, clamp-on sensor for measuring alternating current in electric wires. It uses a current transformer to convert current flowing through a conductor to an equivalent voltage output. The sensor is equipped with a unique secure hinge and locking snap mechanism that allows it to be mounted directly onto electric wires. The current transformer uses a single RJ45 shielded cable with 2 pins for the output signals.

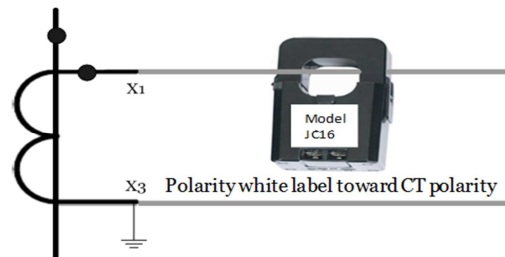
Sensor Outputs:

The sensor provides an output signal of 0 to 2.5 volts across pins 3 and 5 of the RJ45 connector. The sensor output is proportional to the actual value of current flow through the wire.

The CT contains a terminating resistor that produces a voltage output and mitigates shock hazard from an open secondary. Careful handling produces the best results, dropping or other impact may cause damage.

Sensor Specifications:

Current Range	0.1 to 200 Amps
Accuracy	0.5% Overall
Turns Ratio	3000:1
Weight	75 Grams
Dimensions (L x W x H)	1.16" x 1.22" x 2.16" Inches
Hinge Opening	0.625" (16 mm)
Operating Frequency	50/60 Hz
Output Voltage	2.5 Volts
Operating Temperature	-20 to 50 °C
Relative Humidity Range	0 to 85% Non-condensing
Cable Connector Type	RJ45 Male
Phase Angle Error	< 1°



Contact Us:

To purchase sensors, please contact our Sales Department at 800-818-3463, sales@softstuf.com

Hours: Monday - Friday, 9:00 a.m. to 6:00 p.m. EST
(Visa, Master Card, American Express, & POs accepted)

Mailing Address:

SOFTSTUF, Inc.
P.O. Box 40245
Philadelphia, PA 19106-0245
www.softstuf.com

Support:

Phone: 800-818-3463
Fax: 609-677-8736
support@softstuf.com