ONSET

HOBO® SD-CT-xxx Sensor

Self-Describing Current Transformer Sensor

For use with HOBO MX1104 and MX1105 multi-channel data loggers, this split-core AC current transformer offers integrated strain relief, so the probe is secured to the logger. And it features Self-Describing technology to automatically communicate configuration information to the logger, without any programming or extensive user setup.

Key Advantages:

- Self-Describing technology for quick, easy setup
- Locking jack to ensure sensor is connected and stays connected
- Available in 5 ranges: 2-20, 5-50, 10-100, 20-200, 60-600
- Accuracy of ±2.1% of full scale from 10% to 100%
- AC current, sine wave, single-phase 50 Hz or 60 Hz, load power factor 0.5 to 1.0 lead or lag
- Cable length: 1.8 m (6 ft)
- UL Listed

HOBO SD-CT-xxx Sensor Specifications

Current Range	see table
Accuracy	±2.1% of full scale (includes logger accuracy)
Response Time	see table
Input Current	AC current, sine wave, single-phase 50 Hz or 60 Hz, load power factor 0.5 to 1.0 lead or lag
Output	0-2.5 V DC
Voltage Rating	600 V AC
Temperature Ratings	see table
Construction	Molded plastic housing for indoor use per UL508
Cable	1.8 m (6 ft.)
Window Size	see table
Dimensions	see table
CE	The CE Marking identifies this product as complying with all relevant directives in the European Union (EU).

Part No.	Current Range (Amps AC)	Response Time (milliseconds) (from 10% to 90% of Amplitude)	Dimensions			
			Window Size	Outer Length	Outer Width	Height
SD-CT-020	2–20	440	28 x 20 mm (1.1 x 0.8 in.)	79mm (3.1 in.)	71mm (2.8 in.)	36mm (1.4 in.)
SD-CT-050	5-50	200	28 x 20 mm (1.1 x 0.8 in.)	79mm (3.1 in.)	71mm (2.8 in.)	36mm (1.4 in.)
SD-CT-100	10-100	100	28 x 20 mm (1.1 x 0.8 in.)	79mm (3.1 in.)	71mm (2.8 in.)	36mm (1.4 in.)
SD-CT-200	20-200	450	39 x 32 mm (1.54 x 1.26 in.)	100mm (3.92 in.)	120mm (4.72 in.)	29mm (1.14 in.)
SD-CT-600	60-600	490	74 x 62 mm (2.92 x 2.46 in.)	135mm (5.3 in.)	150mm (5.91 in.)	28mm (1.12 in.)

Contact Us

Sales (8am to 5pm ET, Monday through Friday)
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▶ Call 1-508-759-9500
▶ In U.S. toll free 1-800-564-4377
▶ Fax 1-508-759-9100

Technical Support (8am to 6pm ET, Monday through Friday)
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