

Tempcon Instrumentation Ford Lane Business Park Ford West Sussex BN18 OUZ, UK www.tempcon.co.uk



# HOBO Self-Describing Split-Core AC Current Transformer Sensor

### **Product Images**









#### **Short Description**

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.

### **Description**

For use with HOBO MX1104 and MX1105 multi-channel wireless data loggers; this split-core AC current transformer offers integrated strain relief, so the probe remains 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 Features**

- 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
- Data can be remotely accessed via the web, if the MX1104/MX1105 data logger is combined with an MX Gateway.

## **Additional Information**

Country of Manufacture	United States
	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 Rating see table
	Construction Molded plastic housing for indoor use per UL508
	Cable 1.8 m (6 ft.)
	Window Size see table
	Dimensions see table
	The CE Marking identifies this product as complying with all relevant directives in the European Union (EU).
Explanation	Response Current Time Dimensions Response (milliseconds)
	Part No. (Amps (from 10% to Window Outer Outer Height AC) 90% of Size Length Width Amplitude)
	SD-CT-020 2-20 440 mm 79mm 71mm 36mm (1.1 x (3.1 in.) (2.8 in.) (1.4 in.) 0.8 in.)
	SD-CT-050 5-50 200 $ \begin{array}{ccccccccccccccccccccccccccccccccccc$
	SD-CT-100 10-100 100 28 x 20 mm 79mm 71mm 36mm (1.1 x (3.1 in.) (2.8 in.) (1.4 in.) 0.8 in.)
	SD-CT-200 20-200 450 39 x 32 mm 100mm 120mm 29mm (1.54 x (3.92 in.) (4.72 in.) in.)
	74 x 62 mm 135mm 150mm (2.92 x (5.3 in.) (5.91 in.) in.)
Brand	ново
Connecter Type	Locking jack to ensure sensor is connected and stay connected
	Building Monitoring, Building Performance
Typical applications	
Typical applications  Measurements	Current AC

# **Additional Options**

Current Range (Amps AC)	2-20 (SKU: SD-CT-020)	
	5-50 (SKU: SD-CT-050)	
	10-100 (SKU: SD-CT-100)	
	20-200 (SKU: SD-CT-200)	
	60-600 (SKU: SD-CT-600)	