



HOBO CTV 2-20 Amp AC Split-Core Current Sensor Transformer

Product Images



Short Description

A split-core sensor to record AC amperage of 2 to 20 amps AC. For use with Onset HOBO external-channel data loggers.

Input AC current, sine wave, single phase 50 to 60 Hz, load power factor 0.5 to 1.0 lead or lag.

Description

Key Features

- UL listed
- Sensor power induced from line voltage
- Self-gripping split-core design for fast installation.

Additional Information

Country of Manufacture	United States						
Explanation	<p>The country of origin for this product is the United States.</p> <p>Range: 2 to 20 Amps</p> <p>Accuracy with H8: ±5.0% of full scale</p> <p>Accuracy with U12: ±4.5% of full scale</p> <p>Accuracy with UX120-006M, MX1104 and MX1105: ±2.1% of full scale</p> <p>Response time (from 10% to 90% of amplitude): see table</p> <p>Input current: AC current, sine wave, single phase 50 Hz or 60 Hz, load power factor 0.5 to 1.0 lead or lag</p> <p>Voltage rating: 600 VAC</p> <p>Construction and operating environment: Molded plastic housing for indoor use per UL508; pivoting leg (leg on CTV-D and CTV-E units is fully removable); UL listed.</p> <p>Cable length: 1.8m cable (6 foot)</p> <p>Dimensions: see table</p>						
	Part No.	Range (Amps AC)	Approximate Response Time (milliseconds)	Dimensions Window	Outer Length	Outer Width	Height
	CTV-A	2-20	440	2.8 cm x 2.3 cm 1.1 in. x 0.9 in.	7.4 cm 2.9 in	6.6 cm 2.6 in	2.5 cm 1.0 in
	CTV-B	5-50	200	2.8 cm x 2.3 cm 1.1 in. x 0.9 in	7.4 cm 2.9 in	6.6 cm 2.6 in	2.5 cm 1.0 in
	CTV-C	10-100	100	2.8 cm x 2.3 cm 1.1 in. x 0.9 in	7.4 cm 2.9 in	6.6 cm 2.6 in	2.5 cm 1.0 in
	CTV-D	20-200	450	3.8 cm x 3.3 cm 1.5 in. x 1.3 in	9.9 cm 3.9 in	11.9 cm 4.7 in	2.8 cm 1.1 in
	CTV-E	60-600	490	7.4 cm x 6.4 cm 2.9 in. x 2.5 in	13.5 cm 5.3 in	15.0 cm 5.9 in	2.8 cm 1.1 in
Ideal For	Professional						
Brand	Onset HOBO						
Housing	Split-Core						
Range	2 - 20 AAC						
Typical Application	Analogue Current Sensor						
Typical applications	Energy, Environmental (Indoor)						
Measurements	Current AC						
Compatible With	For use with HOBO U12, UX120-006M, MX1100, and ZW series external-channel data logger						