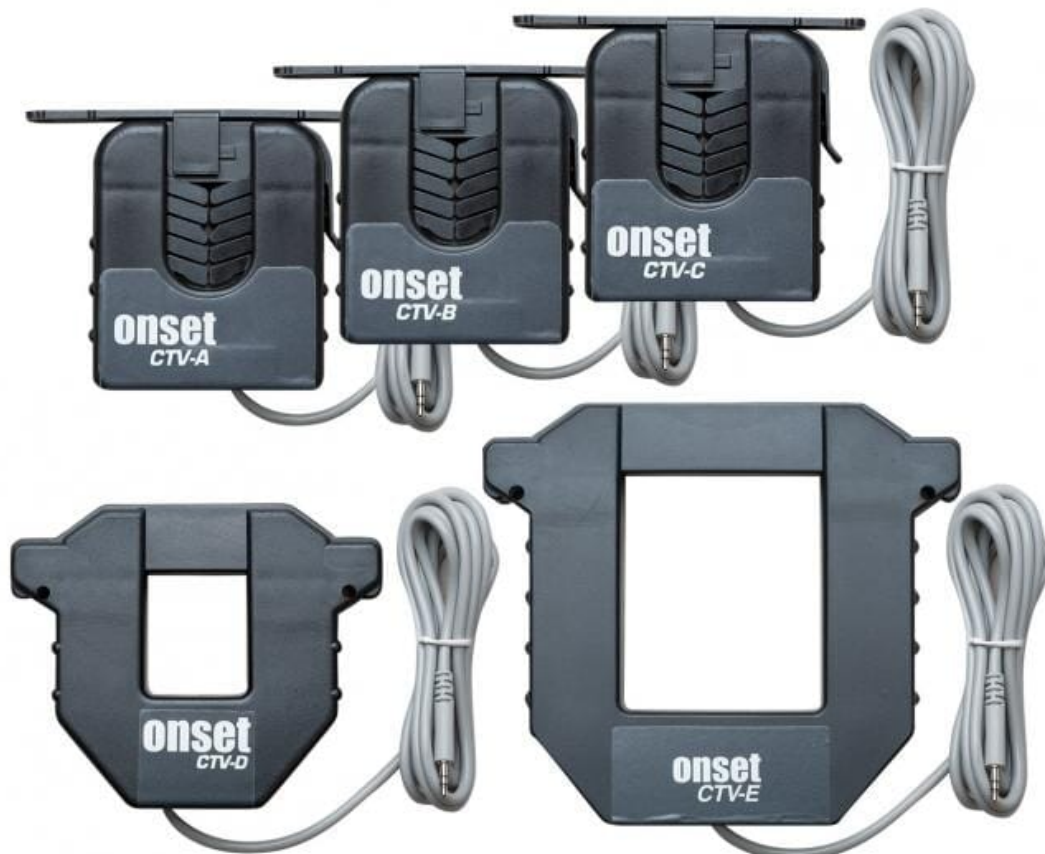




# HOBO CTV 5-50 Amp AC Split-Core Current Sensor Transformer

## Product Images



## Short Description

A split-core sensor to record AC amperage of 5 to 50 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

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### 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	<b>Range:</b> 5 to 50 Amps <b>Accuracy with H8:</b> ±5.0% of full scale <b>Accuracy with U12:</b> ±4.5% of full scale <b>Accuracy with UX120-006M, MX1104 and MX1105:</b> ±2.1% of full scale <b>Response time (from 10% to 90% of amplitude):</b> see table <b>Input current:</b> AC current, sine wave, single phase 50 Hz or 60 Hz, load power factor 0.5 to 1.0 lead or lag <b>Voltage rating:</b> 600 VAC <b>Construction and operating environment:</b> Molded plastic housing for indoor use per UL508; pivoting leg (leg on CTV-D and CTV-E units is fully removable); UL listed. <b>Cable length:</b> 1.8m cable (6 foot) <b>Dimensions:</b> see table						
	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	5 - 50 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 loggers						