

Tempcon Instrumentation Ford Lane Business Park Ford West Sussex BN18 0UZ, UK www.tempcon.co.uk



HOBO CTV 60-600 Amp AC Split-Core Current Sensor Transformer

Product Images



Short Description

A split-core sensor to record AC amperage of 60 to 600 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

United S	tates					
Range: 6 Accurac Accurac Accurac Respons Input cu factor 0.1 Voltage Constru use per l listed. Cable le Dimensi	The country of origin for this product is the United States. Range: 60 to 600 amps Accuracy with H8: ±5.0% of full scale Accuracy with U12: ±4.5% of full scale Accuracy with UX120-006M, MX1104 and MX1105: ±2.1% of full scale Response time (from 10% to 90% of amplitude): 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 Voltage rating: 600 VAC 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. Cable length: 1.8m cable (6 foot) Dimensions: see table Part No. Range Part No. (Amps AC) Approximate Response Time (milliseconds) Window Outer Outer Width					
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
Profession	Professional					
Onset H	Onset HOBO					
Split-Cor	Split-Core					
Energy, F	Energy, Environmental (Indoor)					
Current	Current AC					
	For use with HOBO U12, UX120-006M, MX1100, and ZW series external-channel data loggers.					
	The cour Range: (Accurace Accurace Accurace Accurace Response Input cut factor (). Voltage Construction Use per listed. Cable le Dimensi Part No CTV-A CTV-B CTV-C	Range: 60 to 600 an Accuracy with H8: Accuracy with U12: Accuracy with U17: Response time (fro Input current: AC of factor 0.5 to 1.0 lead Voltage rating: 600 Construction and of use per UL508; pivor listed. Cable length: 1.8m Dimensions: see tal Part No. Range Part No. (Amps AC) CTV-B 5-50 CTV-B 5-50 CTV-B 5-50 CTV-B 5-50 CTV-C 10-100 CTV-C 10-100	The country of origin for this product Range: 60 to 600 amps Accuracy with H8: ±5.0% of full scale Accuracy with U12: ±4.5% of full scale Accuracy with UX120-006M, MX110 Response time (from 10% to 90% of Input current: AC current, sine wave factor 0.5 to 1.0 lead or lag Voltage rating: 600 VAC Construction and operating enviro use per UL508; pivoting leg (leg on CT listed. Cable length: 1.8m cable (6 foot) Dimensions: see table Part No. (Amps AC) Approximate Response Time (milliseconds) CTV-A 2-20 440 CTV-B 5-50 200 CTV-C 10-100 100 CTV-B 5-50 200 CTV-B 5-50 200 CTV-B 5-50 200 CTV-C 10-100 100 CTV-C 10-100 100	The country of origin for this product is the United Range: 60 to 600 amps Accuracy with H8: ±5.0% of full scale Accuracy with U12: ±4.5% of full scale Accuracy scale of lag Voltage ratios. Accuracy scale of full scale Accuracy scale of lag Voltage ratios. Accuracy scale of lag Vol	The country of origin for this product is the United States. Range: 60 to 600 amps Accuracy with H8: ±5.0% of full scale Accuracy with UX12-±4.5% of full scale Accuracy with UX12-0-06M, MX1104 and MX1105: ±2.1% Response time (from 10% to 90% of amplitude): see table Input current: AC current, sine wave, single phase 50 Hz or factor 0.5 to 1.0 lead or lag Voltage rating: 600 VAC Construction and operating environment: Molded plastic use per UL508; pivoting leg (leg on CTV-D and CTV-E units is listed. Cable length: 1.8m cable (6 foot) Dimensions: see table Part No. Range Response Time (milliseconds) CTV-A 2-20 440 Dimensions CTV-B 5-50 200 Dimensions CTV-B 5-50 200 Dimensions CTV-B 5-50 200 Dimensions CTV-B 2.8 cm x 2.3 cm 7.4 cm 1.1 in. x 2.9 in 0.9 in CTV-C 10-100 100 100 Dimensions 2.8 cm x 2.3 cm 7.4 cm 1.1 in. x 2.9 in 0.9 in CTV-C 10-100 450 Dimensions 2.8 cm x 2.9 in 0.9 in CTV-C 10-100 450 Dimensions 3.9 in 1.5 in. x 2.5 in Professional Onset HOBO Split-Core Energy, Environmental (Indoor) Current AC For use with HOBO U12, UX120-006M, MX1100, and ZW seri	The country of origin for this product is the United States. Range: 60 to 600 amps Accuracy with H8: ±5.0% of full scale Accuracy with U12: ±4.5% of full scale Accuracy with U12: ±4.5% of full scale Accuracy with U32: ±4.5% of full scale Ac