



## CTV-B Sensor

### 5-50 Amp split-core AC current Sensor

A split-core AC current sensor responsive over the range of 5 to 50 amps AC for use with U12, UX120, and ZW data loggers with external input channels. With an input current of AC current, sine wave, single phase 50 Hz or 60 Hz, load power factor 0.5 to 1.0 lead or lag.

The molded-plastic housing is rated for indoor use per UL508.



#### Supported Measurements:

AC Current

#### Key Advantages:

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

## CTV-B Sensor Specifications

**Range:** 5-50 Amps

**Accuracy with H8:**  $\pm 5.0\%$  of full scale

**Accuracy with U12:**  $\pm 4.5\%$  of full scale

**Accuracy with UX120-006M:**  $\pm 2.1\%$  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 (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

## Contact Us

Sales (8am to 5pm ET, Monday through Friday)

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- ▶ In U.S. toll free 1-800-564-4377
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