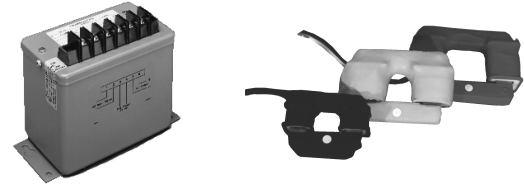


## FEATURES

- Accurate measurement of the **true RMS** value of input signals.
- Calibrated with split-core current transformer for maximum accuracy.
- Current transformers have open circuit protection.

## APPLICATIONS

- For existing applications requiring installation with split-core transformers.
- Designed to withstand motor start-up transients.



All units require 85 - 135Vac inst. power, (50 - 400 Hz.).  
Optional 220Vac instrument power - Add suffix "- 22".  
Consult factory for higher current ranges.

INPUT AMPS	STANDARD OUTPUTS MODEL CTRS-			
	0 - 1mA	4 - 20mA	0 - 10V	0 - 5V
0 - 5	005B	005E	005D	005X5
0 - 10	010B	010E	010D	010X5
0 - 15	015B	015E	015D	015X5
0 - 20	020B	020E	020D	020X5
0 - 25	025B	025E	025D	025X5
0 - 50	050B	050E	050D	050X5
0 - 100	101B	101E	101D	101X5
0 - 200	201B	201E	201D	201X5
0 - 300	301B	301E	301D	301X5
0 - 400	401B	401E	401D	401X5
0 - 500	501B	501E	501D	501X5
0 - 1000	102B	102E	102D	102X5

## ORDERING INFORMATION

Example: 25 Aac input with  
0 to 10Vdc output.  
**CTRS-025D**

## MODEL CTRS SPECIFICATIONS

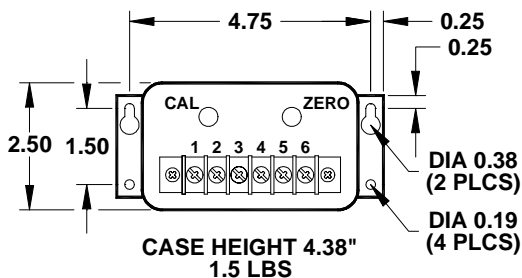
### INPUT

**CURRENT:** See tables  
**FREQUENCY RANGE:** 50 - 60Hz.  
**BURDEN:** 0.28VA F.S.  
**CURRENT OVERLOAD:**  
2 times full-scale (continuous)  
5 times for 10 second transient  
10 times for 1 second transient  
**DIELECTRIC TEST (Input/Output/Case):** 1500Vac  
**INSTRUMENT POWER (std.):** 85 - 135Vac,  
50 - 400 Hz, 3.5VA.

### OUTPUT

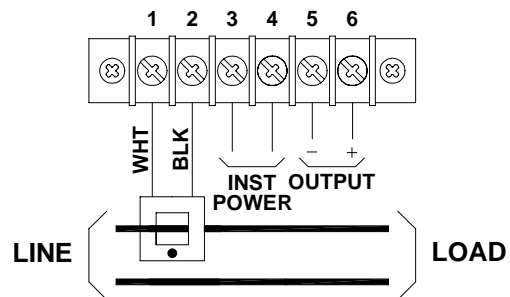
**ACCURACY: ±0.25% F.S. (@ 60Hz)**  
Includes effects of linearity.  
±0.5% F.S. for 5 & 10A models.  
**RESPONSE TIME (90%):** 100 milliseconds  
**OUTPUT RIPPLE:** Less than 1.0% F.S.  
**OUTPUT LOADING (ohms):**  
0 - 1mA: 0 - 10K  
0 - 10Vdc, 0 - 5Vdc: 2K minimum  
4 - 20mA: 0 - 500  
**FIELD ADJUSTABLE CAL.:** ±10%  
**TEMP. EFFECT (-20°C to +60°C):** ±1.0% RDG.

## CASE DIMENSIONS

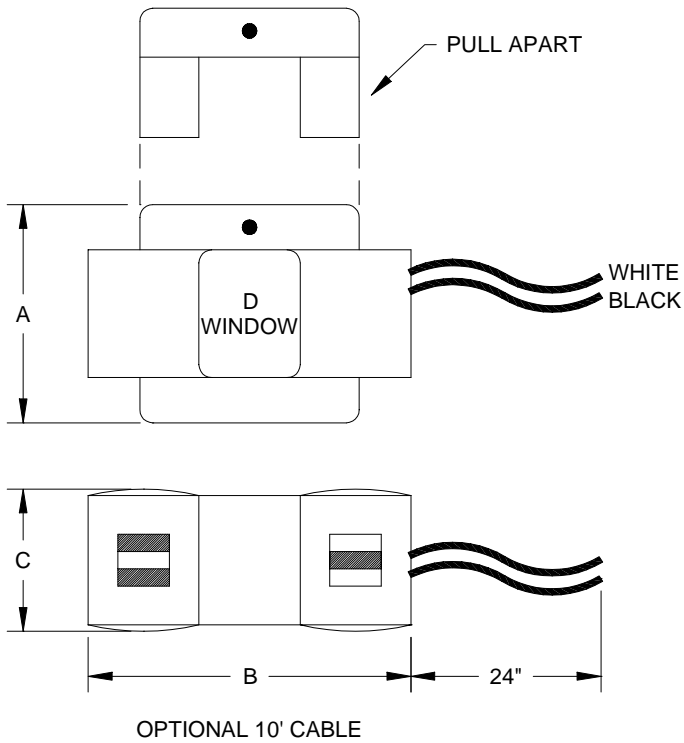


ALL DIMENSIONS IN INCHES

## CONNECTION DIAGRAM



**SENSOR DIMENSIONS**



MODEL	A	B	C	D	E
5-50	11 1/16	2 1/2	1	7/16	BLUE
100	11 1/16	2 1/2	1	7/16	BLACK
200	2 1/8	3 1/8	1 1/4	7/8	YELLOW
300-500	3 1/4	3 1/2	1 1/8	1 5/8 x 2	RED
1000	4 1/8	4 5/8	1	2 13/32 x 2 3/4	GRN

All dimensions in inches.

To open the current transformer, place fingers on both sides of the laminations and pull apart. To install, align the tapered poles, place around the cable and push together.

Secure with a wire tie or tape for permanent installation.

Secondary leads can be open under load without damage.

CURRENT

AC