



MA RMS CURRENT TRANSDUCER

Model CTCR-mAxxxE2

Single unit offers:

- ±0.25% Accuracy**
- Loop-Powered**
- Easy Installation**

Non-Contact, Loop-Powered, True RMS Current Transducer

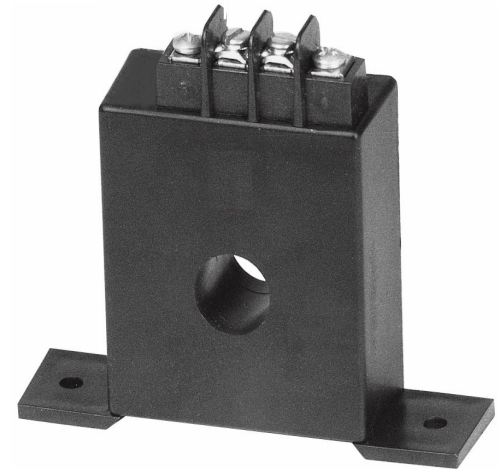
- Loop-powered 24Vdc nominal, 15-35Vdc range
- DC output directly proportional to the true RMS value of ac window current
- Measurement ranges from 5mAac to 100 mAac

Input & Output

- Over-range without damage-continuous, 1.3X rating. Transient (10s/hr)-5X rating
- Frequency range 25-400Hz
- 2-wire, 4-20mAac loop-powered. Scaling 0-F.S. input is 4-20mAac output.
- Loading-24Vdc loop power, 0-500Ω. 15Vdc loop power, 0-400Ω
- Response, to 90%, 250ms, typical
- Ripple ≤1.0% F.S. pk-pk

MODEL SELECTION

INPUT mAac	STANDARD MODELS CTCR-mAxxxE2 (4-20mAac loop-powered)
0-5	005E2
0-10	010E2
0-15	015E2
0-20	020E2
0-25	025E2
0-30	030E2
0-35	035E2
0-40	040E2
0-50	050E2
0-100	100E2



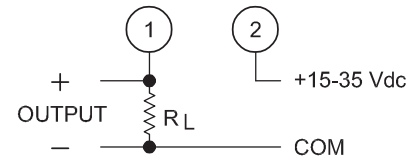
Accuracy

- 10-100% F.S., ±0.25% F.S.

Dielectric Test

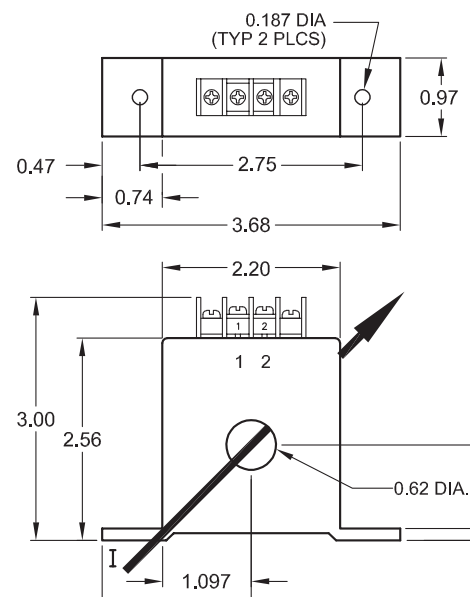
- Conductor through window to output 2200Vac

CONNECTION DIAGRAM



CASE DIMENSIONS

All dimensions in inches. (Tolerance: ±0.03in.)



Dwg# 0902-00937-B Rev C



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