

CURRENT TRANSDUCERS

RMS CURRENT TRANSDUCER

MODEL ACTR

ACCURATE TO 0.25% FULL SCALE

FEATURES

- Accurate measurement of the **true RMS** value of input signals over a wide frequency range.
- Input/output isolation.

APPLICATIONS

- For use in applications where measurement of non-sinusoidal waveforms is required.
- Designed to withstand motor start-up transients.

INPUT CURRENT (AMPS)	STANDARD OUTPUTS MODEL NUMBER ACTR-			
	0-1mA	4-20mA	0-10Vdc	0-5Vdc
0 to 1.0	001B	001E	001D	001X5
0 to 5.0	005B	005E	005D	005X5
0 to 10.0	010B	010E	010D	010X5
0 to 15.0	015B	015E	015D	015X5
0 to 20.0	020B	020E	020D	020X5

Highlighted model (5A) can be used with current transformers.
All std. units require 115VAC, $\pm 15\%$ instrument power, (50-60 Hz.).
Optional 230VAC instrument power-Add suffix "-22".



MODEL ACTR SPECIFICATIONS

INPUT

Current See tables
Frequency Range 48 to 420 Hz.
Burden 0.28VA F.S.
Current overload
1-10A range 2 times full scale (cont.)
15-20A range 25A maximum, continuous
10 times rating (1 sec. transient) ... 10 seconds/hour
Dielectric Test...(Input/Output/Case) 2200VAC

OUTPUT

Output Ripple Less than 1.0% F.S.
Response...(90%) 100 milliSeconds
Output Loading (OHMS)
0-1mA 0-10K
0-10Vdc, 0-5Vdc 2K min.
4-20mA 0-500
Field Adjustable Cal. $\pm 10\%$

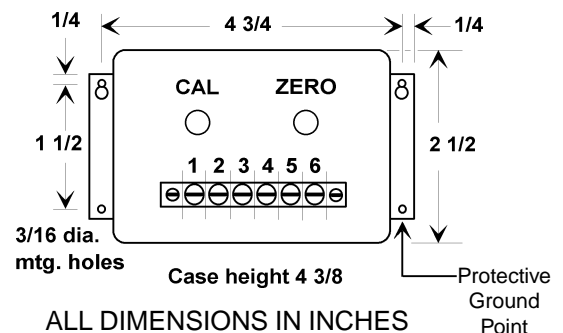
ACCURACY $\pm 0.25\%$ F.S. @ 60Hz

Includes effects of linearity and repeatability.
 $\pm 0.5\%$ over frequency range (typ.)
Temperature Effect...(-20°C to 60°C) $\pm 1.0\%$ RDG.
Instrument Power...(Std.) 115VAC, $\pm 15\%$, 50-60 Hz., 3.5VA
Weight 1.5 lbs.

ORDERING INFORMATION

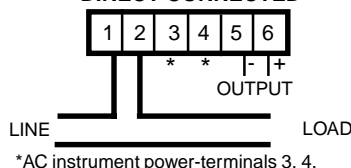
Example: 15 Amp AC input with
0-10Vdc output.
ACTR-015D

CASE DIMENSIONS

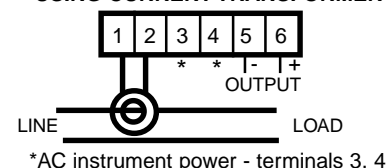


CONNECTION DIAGRAMS

DIRECT CONNECTED



USING CURRENT TRANSFORMER



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