

UL LISTED AC VOLTAGE TRANSDUCER

FEATURES

- Accurate, reliable voltage measurement over a wide frequency range.
- Self powered.

APPLICATIONS

- Designed for use in applications where UL listed measurement is required.
- Can be used with potential transformers.

AC VOLTAGE INPUT		MODEL AVT-120A OUTPUT
RANGE	NOMINAL	
0 - 150	85 - 135	0 - 1mAdc



**5 YEAR
WARRANTY**



LISTED 87 X9
Energy Management
Equipment Accessory
E134941

Transducer output is derived from the average absolute value of the input and calibrated as the RMS value of a sine wave input.

MODEL AVT SPECIFICATIONS

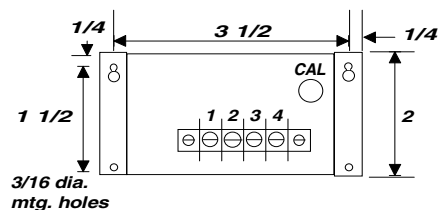
INPUT

VOLTAGE: 0 - 150V
 FREQUENCY RANGE: 50 - 400 Hz
 BURDEN: 2.8VA F.S.
 OVERLOAD: 150VAC
 DIELECTRIC TEST (Input/Output/Case): 1500VAC
 SURGE: Withstands IEEE SWC Test

OUTPUT

ACCURACY: $\pm 0.25\%$ F.S.
 OUTPUT RIPPLE: < 1.0% F.S.
 RESPONSE: (99%) 400 milliseconds
 OUTPUT LOADING (OHMS): 0 - 10K
 TEMPERATURE EFFECT (-20°C - 60°C): $\pm 1.0\%$ RDG.

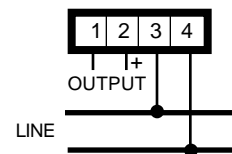
CASE DIMENSIONS



Case height 4 3/8

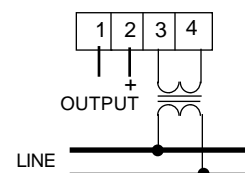
ALL DIMENSIONS IN INCHES

CONNECTION DIAGRAMS



150VAC INPUT

CONNECTION WITH POTENTIAL TRANSFORMER



HIGHER RANGES
(REQUIRES 120V SECONDARY)