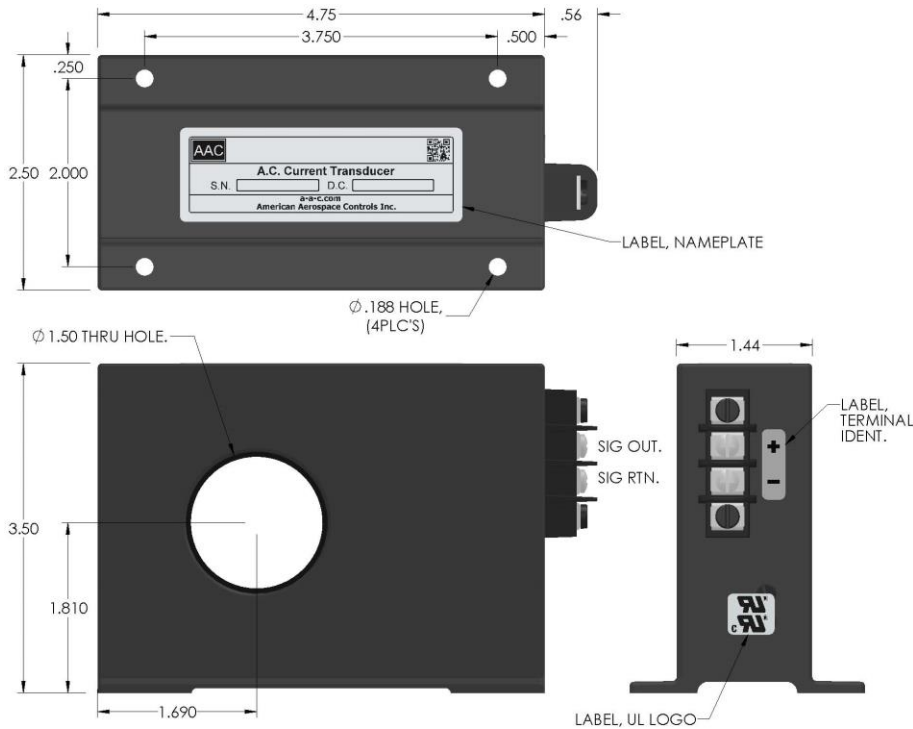


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

**A.C. CURRENT TRANSDUCER
SERIES 1006**



<u>PART NUMBER.</u>	<u>INPUT CURRENT</u>	<u>OUTPUT IMPEDANCE</u>	<u>PART NUMBER</u>	<u>INPUT CURRENT</u>	<u>OUTPUT IMPEDANCE</u>
1006-5.....	0 TO 5.....	9.....	1006-200.....	0 TO 200.....	0.22.....
1006-10.....	0 TO 10.....	4.5.....	1006-250.....	0 TO 250.....	0.18.....
1006-20.....	0 TO 20.....	2.2.....	1006-300.....	0 TO 300.....	0.22.....
1006-25.....	0 TO 25.....	1.7.....	1006-350.....	0 TO 350.....	0.2.....
1006-30.....	0 TO 30.....	1.55.....	1006-400.....	0 TO 400.....	0.17.....
1006-35.....	0 TO 35.....	1.4.....	1006-500.....	0 TO 500.....	0.13.....
1006-50.....	0 TO 50.....	0.88.....	1006-600.....	0 TO 600.....	0.11.....
1006-75.....	0 TO 75.....	0.61.....	1006-800.....	0 TO 800.....	0.12.....
1006-100.....	0 TO 100.....	0.45.....	1006-1000.....	0 TO 1000.....	0.1.....
1006-150.....	0 TO 150.....	0.3.....	1006-1200.....	0 TO 1200.....	0.1.....

INPUT

RANGE..... Aac See Table
 FREQUENCY..... 47 to 63Hz (Optional Model Available) *
 OVERLOAD CONTINUOUS..... 500Aac or two X FS which ever is greater
 OVERLOAD TRANSIENT..... 3000Aac for 10 cycle.

OUTPUT

VOLTAGE SIGNAL..... 0 to 5Vdc FS (Full Scale)**
 ACCURACY..... ± 0.5% FS
 RIPPLE (RMS)..... 10mV RMS typical
 RESPONSE (10 to 90%)..... 200m-sec typical
 IMPEDANCE..... K Ohms max. See Table
 TEMPERATURE COEFFICIENT..... ±0.02% FS/°C max.
 REPEATABILITY..... ±0.1% FS
 VOLTAGE SIGNAL @ OVERLOAD..... 10Vdc max.
 VOLTAGE SIGNAL LINEAR TO..... 6Vdc (120% FS)

POWER SUPPLY

SUPPLY VOLTAGE..... None, Self Excited

ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE..... -40° to +85°C
 STORAGE TEMPERATURE RANGE..... -55° to +85°C
 ISOLATION..... Input/Output/Case
 CONDUCTOR CABLE VOLTAGE..... 1.5KV max. (5KV with Insul. Cable)
 CASE..... Molded Plastic Meets UL Flammability Rating 94V- 0
 WEIGHT..... 1.2 lbs. max.

* Add suffix **-400** to part number for 400Hz operation.
 ** 4 to 20mA Two Wire Output Option Available as 1006X.



TERMINALS:

5-40 SCREWS, 3/8" CENTER TO CENTER SPACING, ACCEPTS WIRE SIZES UP TO 14 AWG AND WIRE LUGS UP TO 9/32" WIDE.

AAC	Drawing Number 1006	Rev. M
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