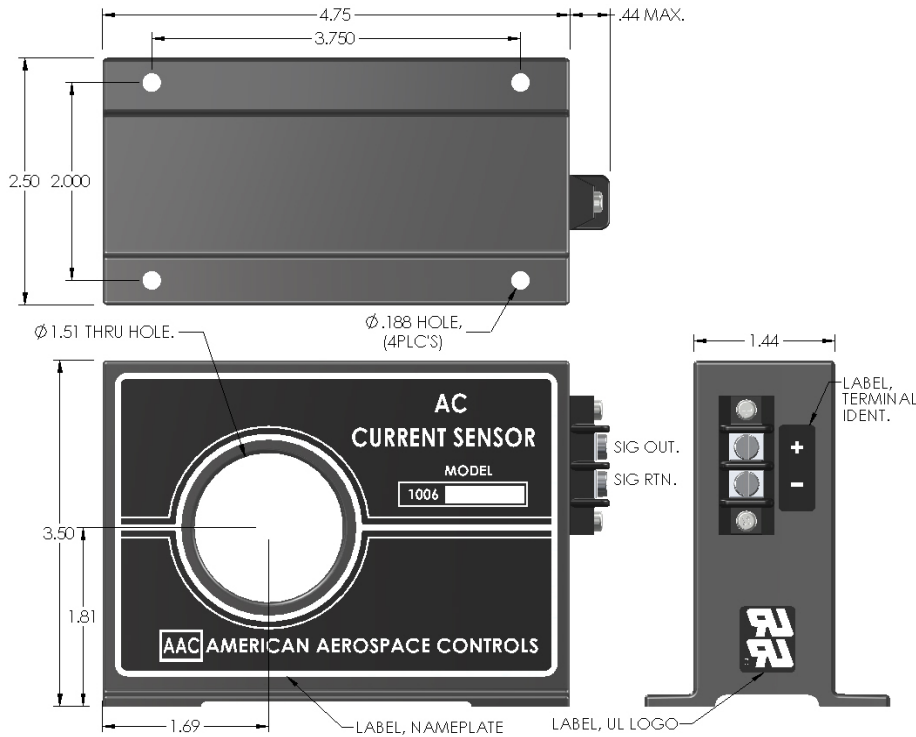


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

**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 700-1006	Rev. L
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