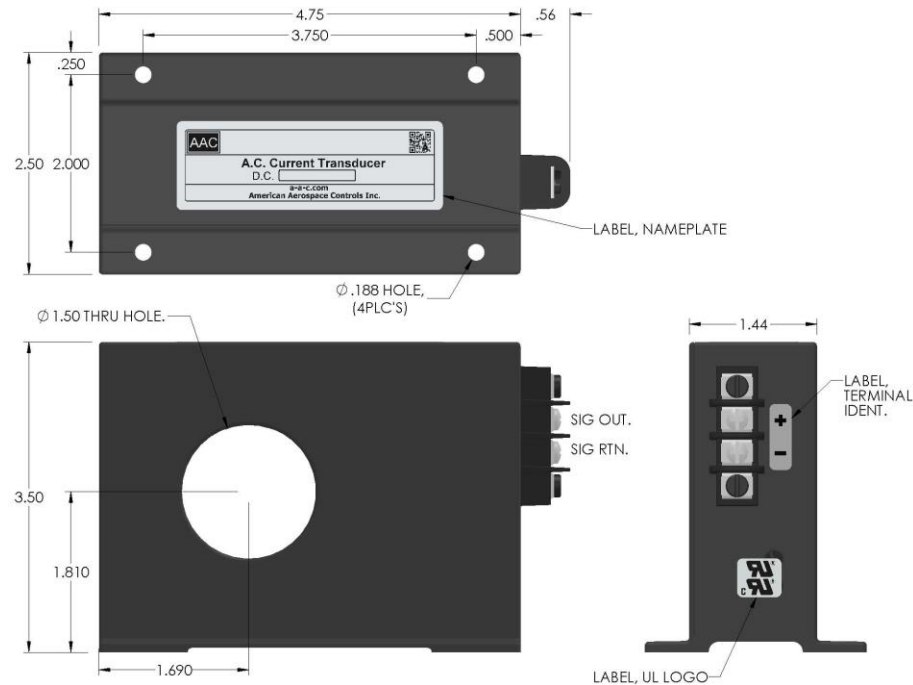




TERMINALS:

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

**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
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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.

AAC

**Drawing Number
1006**

**Rev.
M**