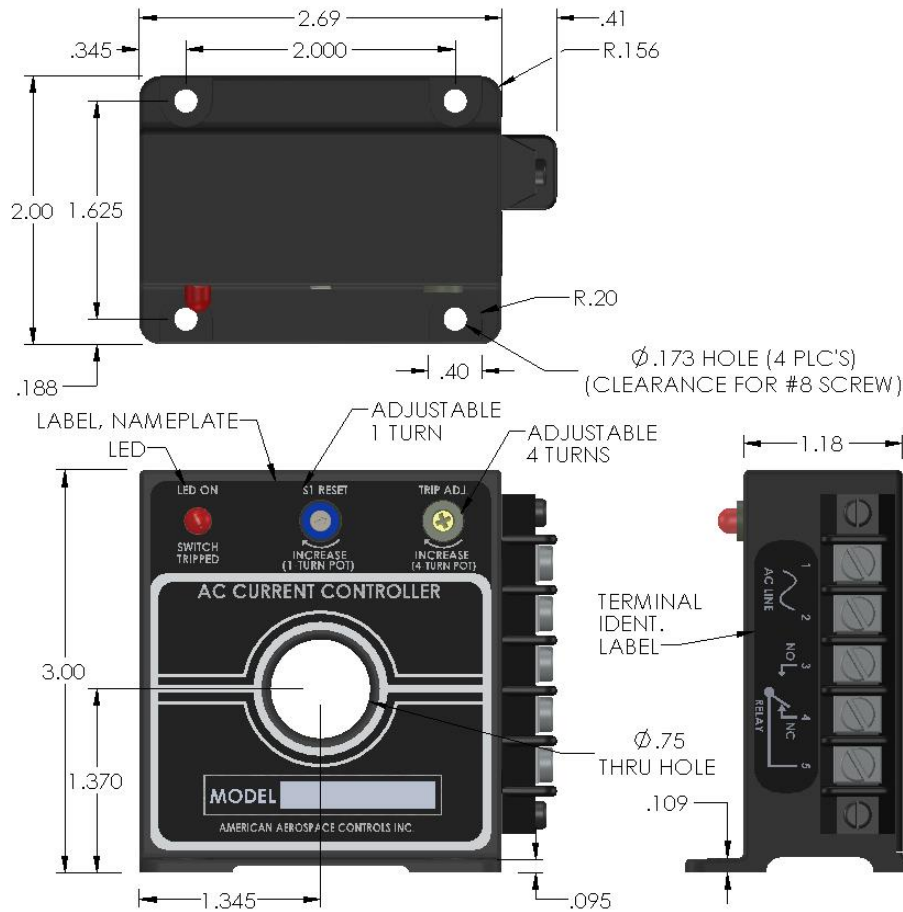


**AC CURRENT CONTROLLER
SERIES 882**



<u>PART NO.</u>	<u>CURRENT RANGE AMPS AC</u>	<u>PART NO.</u>	<u>CURRENT RANGE AMPS AC</u>
882-1.....	.2 TO 1	882-50.....	10 TO 50
882-2.....	.4 TO 2	882-100.....	20 TO 100
882-5.....	1 TO 5	882-150.....	30 TO 150
882-10.....	2 TO 10	882-200.....	40 TO 200
882-15.....	3 TO 15	882-250.....	50 TO 250
882-20.....	4 TO 20	882-300.....	60 TO 300

INPUT

CURRENT RANGE.....	See Table
FREQUENCY.....	50 to 400Hz
OVERLOAD CURRENT CONTINUOUS.....	250 Amps or two times range, whichever is greater
OVERLOAD CURRENT SURGE.....	10,000 Amps for 6 cycles

OUTPUT

RELAY CONTACT S.P.D.T.....	Actuated at and above set point
SWITCH RATING.....	2 Amps @ 250Vac or 30Vdc (Resistive Load)
* TRIP POINT.....	Adjustable over current range
TRIP POINT REPEATABILITY.....	±0.5% of range
RESET.....	Automatic @ 20% below set point
RESPONSE TIME.....	500 m-sec max.
TIME DELAY (OPTIONAL).....	Adjustable 500 m-sec to 15 sec.
** INDICATOR.....	LED-on at & above trip

POWER SUPPLY (AC LINE)

VOLTAGE.....	115Vdc
VOLTAGE RANGE.....	105 to 125Vac max.
FREQUENCY.....	47 to 63 Hz
BURDEN.....	4VA typical

ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE.....	-20°C to +70°C
STORAGE TEMPERATURE RANGE.....	-40°C to +85°C
DIELECTRIC STRENGTH.....	2000V RMS
CASE MATERIAL.....	Molded plastic meets UL flammability rating 94V-0
WEIGHT.....	6 oz. Max

DELAY OPTION

ADD "-T" TO MODEL NO. FOR THE TIME DELAY OPTION.

TERMINAL BARRIER

5-40 SCREWS 3/8" CENTER TO CENTER SPACING ACCEPTS WIRE LUG UP TO 9/32" WIDE.

TERMINAL IDENTIFICATION

1. AC LINE VOLTAGE
2. AC LINE VOLTAGE
3. N. O.
4. N. C. RELAY
5. COMMON

NOTES:

* TRIP POINT SET AT MID RANGE WHEN SHIPPED. SET POINT AND DELAY ADJUSTMENTS - TURN CLOCKWISE TO INCREASE. SET POINT & DELAY ADJUSTED BY FACTORY TO DESIRED LEVELS UPON REQUEST.
** LIGHT EMITTING DIODE (LED) COLOR RED INDICATES THE ON/OFF STATUS OF THE UNIT.

AAC	Drawing Number 882	Rev. E
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