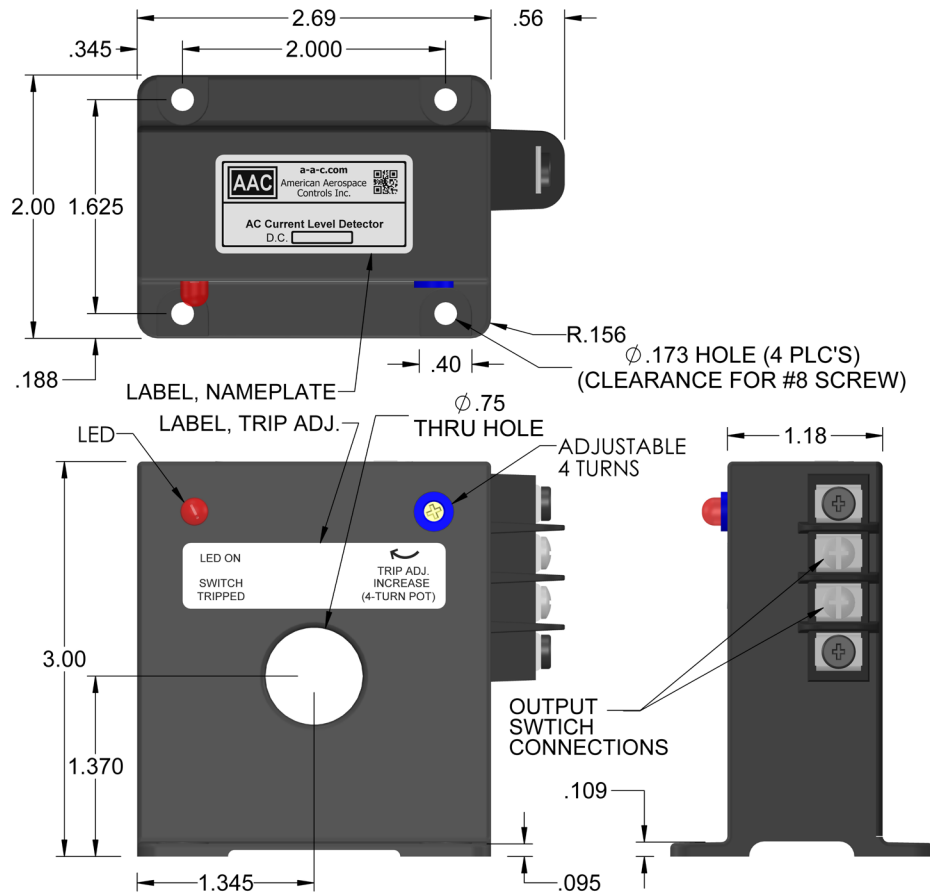


AC CURRENT CONTROLLER SERIES 880B



<u>MODEL NUMBER</u>	<u>CURRENT RANGE AMPS AC</u>	<u>OVERLOAD AMPS AC</u>
880B-12	2 – 12	250
880B-50	8 – 50	250
880B-120	40 – 120	250
880B-250	100 – 250	300

INPUT

CURRENT RANGE See Table
 FREQUENCY 50 to 400 Hz
 OVERLOAD CURRENT CONTINUOUS See Table
 OVERLOAD CURRENT SURGE 10,000 Amps for 6 cycles

OUTPUT

SOLID STATE SWITCH (S.P.D.T.N.O.) Actuated at and above set point
 SWITCH RATING 60mA, 120V, ac or dc max.
 MINIMUM SWITCH VOLTAGE 3.5V @ 0.5mA to 4.5V @ 60mA
 * TRIP POINT Adjustable over current range
 RESET (AUTOMATIC) 5% of range below trip point typical
 RESPONSE TIME 200 m-sec max.
 ** INDICATOR LED-on at & above trip point

ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS

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

NOTES:

* TRIP POINT SET AT MID RANGE WHEN SHIPPED. TURN ADJUSTABLE TRIP POINT DIAL CLOCKWISE TO INCREASE SET POINT LEVEL. SET POINT ADJUSTED BY FACTORY TO DESIRED LEVELS UPON REQUEST.

** LIGHT EMITTING DIODE (LED) COLOR RED IS IN SERIES WITH THE SOLID STATE SWITCH INDICATES THE ON/OFF STATUS OF THE UNIT.

TERMINAL BARRIER

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

AAC	Drawing Number 700-880B	Rev. D
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