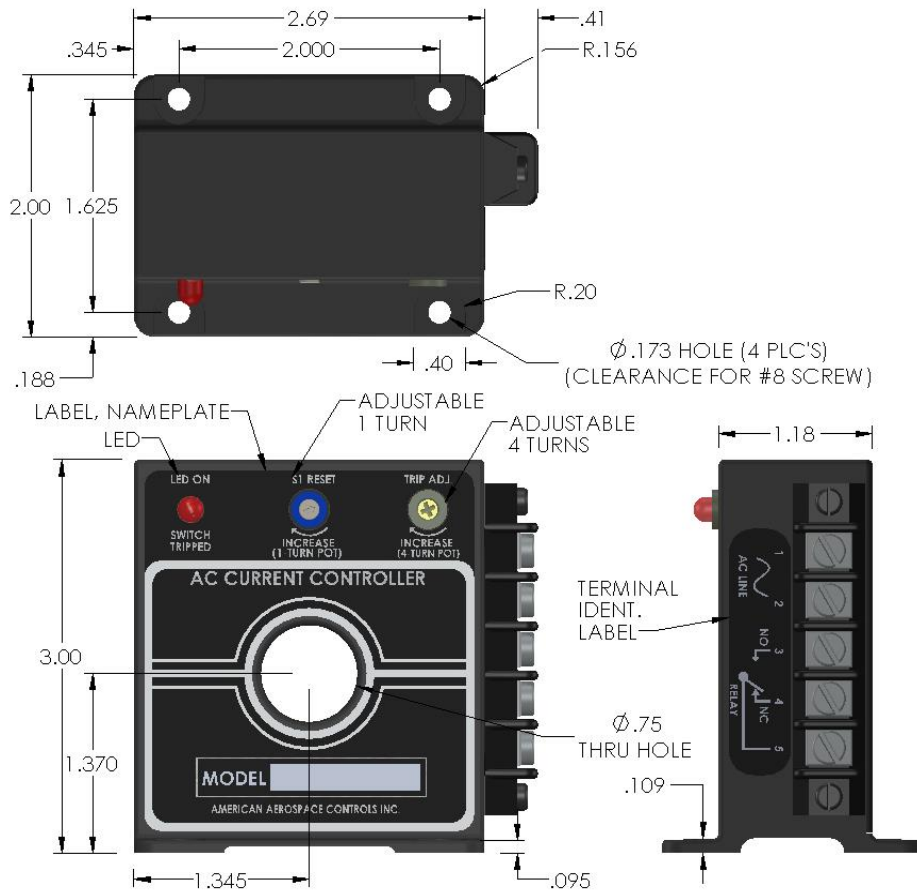


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

**AC CURRENT CONTROLLER
SERIES S664**



<u>PART NO.</u>	<u>CURRENT RANGE AMPS AC</u>	<u>PART NO.</u>	<u>CURRENT RANGE AMPS AC</u>
S664-1	.2 TO 1	S664-50	10 TO 50
S664-2	.4 TO 2	S664-100	20 TO 100
S664-5	1 TO 5	S664-150	30 TO 150
S664-10	2 TO 10	S664-200	40 TO 200
S664-15	3 TO 15	S664-250	50 TO 250
S664-20	4 TO 20	S664-300	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 (TRIP POINT)	500 m-sec max.
TIME DELAY (RESET POINT)	Adjustable 0.500 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.

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.

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

AAC	Drawing Number S664-882	Rev. A
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