

A

B

C

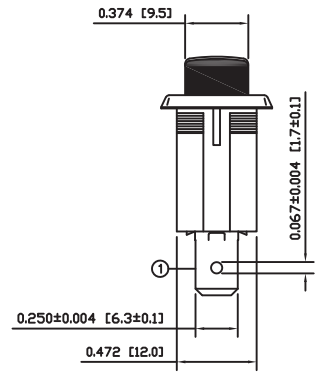
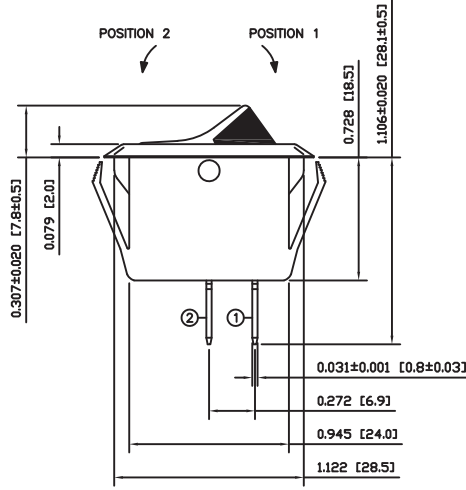
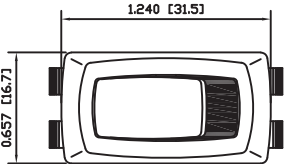
D

A

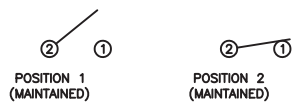
B

C

D



SCHEMATIC



SPECIFICATIONS

FUNCTION:  
1P1T OFF-ON

RATINGS:  
ANSI/UL 1054:  
20A 125VAC [cURus]  
16A 250VAC [cURus]  
1/3HP 125/250VAC [cURus]  
3/4HP 125/250VAC [cURus]

CONTACT RESISTANCE:  
Initial: 20mΩ Max.

INSULATION RESISTANCE:  
100MΩ Min. at 500VDC

DIELECTRIC STRENGTH:  
1,000VAC for 1 Minute

ELECTRICAL LIFE:  
6,000 Cycles [cURus]

TEMPERATURE:  
Operating: -20°C to 105°C [cURus]

APPROVALS:



COLORS AND MARKINGS

BODY:  
Black

ACTUATOR:  
Black/Red

MARKINGS:  
None

MARKING COLOR:  
None

MATERIALS

BODY:  
Polyamide 6/6 (PA66), UL94 V-2

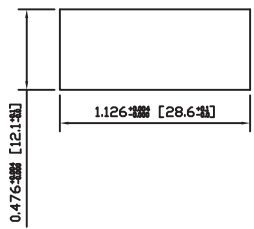
ACTUATOR:  
Polyamide 6/6 (PA66), UL94 V-2

SPRING:  
Steel

CONTACTS:  
Silver Plated Copper

TERMINALS:  
Silver Plated Copper  
Silver Plated Brass

SUGGESTED PANEL CUTOUT



|                |      |          |     |
|----------------|------|----------|-----|
| ACTUATOR       | A    | 09/08/13 | CAB |
| BODY           | B    | 10/05/10 | CAB |
| COLORS         | A    | 09/08/13 | CAB |
| MATERIALS      | A    | 09/08/13 | CAB |
| SPECIFICATIONS | B    | 10/01/27 | CAB |
| REFERENCE      | REV. | DATE     | BY  |

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|      |                                         |        |          |          |
|------|-----------------------------------------|--------|----------|----------|
| D    | REMOVE VDE/ENEC RATING AND LOGO         | 100687 | 01/25/22 | JS       |
| C    | UPDATED RATING ADDING 1/3HP 125/250VAC  | 23174  | 01/19/18 | MJR      |
| B    | IMPROVED UL TEMPERATURE RATING TO 105°C | 19855  | 02/04/11 | CAB      |
| A    | INITIAL RELEASE                         | 18831  | 02/17/10 | CAB      |
| REV. | DESCRIPTION                             | PCR    | DATE     | DRAWN BY |

|                      |                      |
|----------------------|----------------------|
| DIMENSIONS           |                      |
| INCHES [MILLIMETERS] |                      |
| GENERAL TOLERANCES   |                      |
| ±0.008 [±0.2] / ±1°  |                      |
| SCALE                | DRAWING NOT TO SCALE |
| PROJECTION           |                      |

OBJECT ID: 000000349

E-SWITCH®

LAMB INDUSTRIES

TITLE

RSC441D1A00

ITEM NUMBER

14-RSC441D1A00

DATE

FEBRUARY 17, 2010

REVISION

D