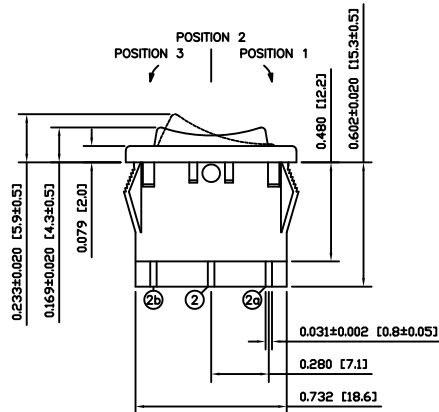
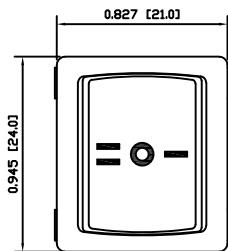
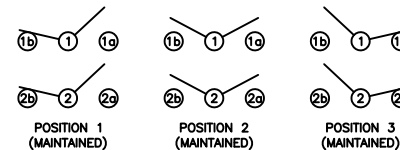


## SCHEMATIC



## SPECIFICATIONS

FUNCTION:  
2P2T ON-OFF-ON

RATINGS:  
ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):  
16A 125VAC [UR, cUR]  
10A 250VAC [UR, cUR]  
1/3HP 125/250VAC [UR, cUR]

EN 61058-1:2002:  
10(4)A 250V~  $\mu$  1E4 T125/55 [ENEC14]  
10(2)A 250V~  $\mu$  5E4 T85/55 [ENEC14]

CONTACT RESISTANCE:  
Initial: 35m $\Omega$  Max. at 50VAC

INSULATION RESISTANCE:  
100M $\Omega$  Min. at 500VDC

DIELECTRIC STRENGTH:  
1,500VAC For 1 Minute

ELECTRICAL LIFE:  
6,000 Cycles [UR, cUR]  
10,000 Cycles [ENEC14: 10(4)A 250V~]  
50,000 Cycles [ENEC14: 10(2)A 250V~]

TEMPERATURE:  
Operating: -20°C to 105°C [UR, cUR]  
Operating: -20°C to 125°C [ENEC14: 10(4)A 250V~]  
Operating: -20°C to 85°C [ENEC14: 10(2)A 250V~]

## APPROVALS:



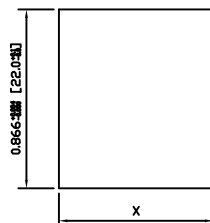
## COLORS AND MARKINGS

BODY:  
Black  
ACTUATOR:  
Black  
MARKING:  
I/O/II Vertical (S)  
MARKING COLOR:  
White

## MATERIALS

BODY:  
Polyamide 6/6 (PA66), UL94 V-2  
ACTUATOR:  
Polyamide 6/6 (PA66), UL94 V-2  
SPRING:  
Steel  
BALL:  
Steel  
MOBILE CONTACT:  
Silver Alloy  
CONTACTS:  
Silver Alloy  
TERMINALS:  
Silver Plated Copper

## SUGGESTED PANEL CUTOUT



| PANEL THICKNESS         | X            |
|-------------------------|--------------|
| 0.030~0.049 [0.75~1.25] | 0.756 [19.2] |
| 0.049~0.079 [1.25~2.00] | 0.764 [19.4] |
| 0.079~0.118 [2.00~3.00] | 0.772 [19.6] |

|                |      |          |     |
|----------------|------|----------|-----|
| ACTUATOR       | A    | 09/09/17 | CAB |
| BODY           | A    | 09/09/17 | CAB |
| COLORS         | A    | 09/09/17 | CAB |
| MATERIALS      | A    | 09/09/17 | CAB |
| SPECIFICATIONS | A    | 09/09/17 | CAB |
| REFERENCE      | REV. | DATE     | BY  |

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|      |                 |       |          |          |
|------|-----------------|-------|----------|----------|
| A    | INITIAL RELEASE | 19964 | 11/02/08 | CAB      |
| REV. | DESCRIPTION     | PCR   | DATE     | DRAWN BY |

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

|                                                                                                   |                                                                                                                 |          |
|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------|
|  E • SWITCH® |  <b>LAMB</b><br>INDUSTRIES |          |
| TITLE                                                                                             |                                                                                                                 |          |
| RA456C112S                                                                                        |                                                                                                                 |          |
| ITEM NUMBER                                                                                       | DATE                                                                                                            | REVISION |
| 38-RA456C112S                                                                                     | FEBRUARY 8, 2011                                                                                                | A        |

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