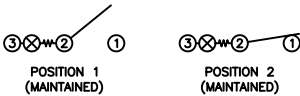


SCHEMATIC



SPECIFICATIONS

FUNCTION:  
1P1T OFF-ON

RATINGS:  
ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):  
15A 125VAC [cURus]  
7.5A 250VAC [cURus]

EN 61058-1:2002+A2 (SE/09138-1):  
16(4)A 250V~ 1E4 T125/55 [ENEC14, SEMKO]  
16(8)A 250V~ 1E4 T125/55 [ENEC14, SEMKO]

ILLUMINATION VOLTAGE:  
12V

CONTACT RESISTANCE:  
Initial: 35mΩ Max. at 50VAC

INSULATION RESISTANCE:  
100MΩ Min. at 500VDC

DIELECTRIC STRENGTH:  
1,500VAC for 1 Minute

ELECTRICAL LIFE:  
6,000 Cycles [cURus]  
10,000 Cycles [ENEC14, SEMKO]

TEMPERATURE:  
Operating: -20°C to 85°C [cURus]  
Operating: -20°C to 125°C [ENEC14, SEMKO]

APPROVALS:  
      

COLORS AND MARKINGS

BODY:  
Black

ACTUATOR:  
Black

LENS:  
Transparent Red

MARKINGS:  
None

MARKING COLOR:  
None

MATERIALS

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

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

LENS:  
Polycarbonate (PC), UL94 V-2

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

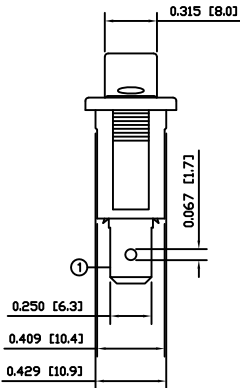
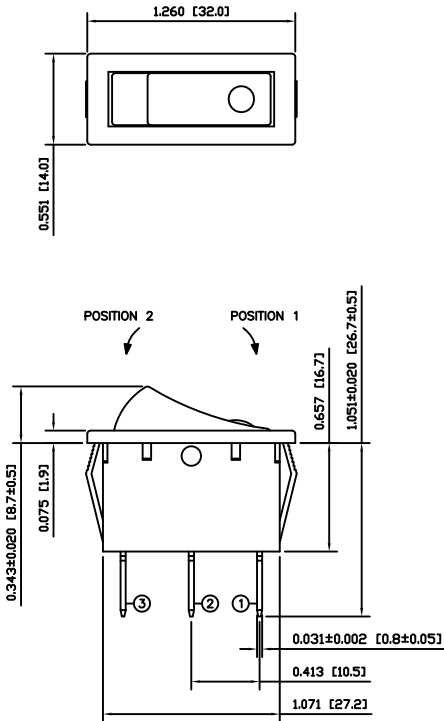
LAMP:  
Incandescent Bulb

LAMP SPRING:  
Steel

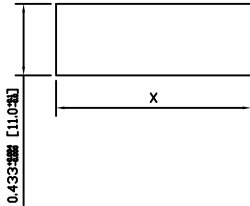
SPRING:  
Steel

CONTACTS:  
Silver Plated Copper

TERMINALS:  
Silver Plated Copper  
Brass



SUGGESTED PANEL CUTOUT



| PANEL THICKNESS         | X            |
|-------------------------|--------------|
| 0.030~0.049 [0.75~1.25] | 1.181 [30.0] |
| 0.049~0.079 [1.25~2.00] | 1.197 [30.4] |
| 0.079~0.118 [2.00~3.00] | 1.210 [30.7] |

|                |      |          |     |
|----------------|------|----------|-----|
| ACTUATOR       | A    | 09/06/29 | CAB |
| BODY           | A    | 09/06/29 | CAB |
| COLORS         | A    | 09/06/29 | CAB |
| MATERIALS      | A    | 09/06/29 | CAB |
| SPECIFICATIONS | B    | 11/05/03 | CAB |
| REFERENCE      | REV. | DATE     | BY  |

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO E-SWITCH AND IS NOT TO BE COPIED OR TRANSFERRED

|      |                                        |          |          |          |
|------|----------------------------------------|----------|----------|----------|
| B    | CHANGED VDE APPROVAL TO SEMKO APPROVAL | 19891    | 11/05/03 | CAB      |
| A    | INITIAL RELEASE                        | PCRD0037 | 09/07/23 | 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 |  |
| TITLE<br>RB141C1100-214                                                                        |                                                                                       |
| ITEM NUMBER<br>38-RB141C1100214                                                                | DATE<br>MAY 3, 2011                                                                   |
| REVISION<br>B                                                                                  |                                                                                       |