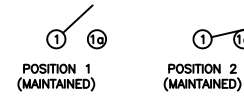


**SCHEMATIC**



**SPECIFICATIONS**

**FUNCTION:**  
1P1T 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~ μ 1E4 T125/55 [ENEC14]  
10(2)A 250V~ μ 5E4 T85/55 [ENEC14]

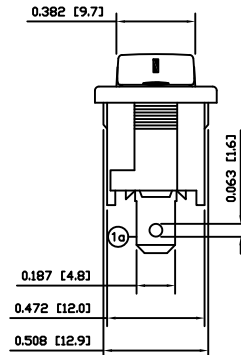
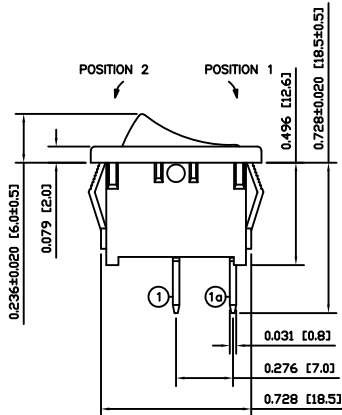
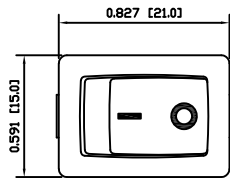
**CONTACT RESISTANCE:**  
Initial: 35mΩ Max. at 50VAC

**INSULATION RESISTANCE:**  
100MΩ Min. at 500VDC

**DIELECTRIC STRENGTH:**  
1,500VAC For 1 Minute

**ELECTRICAL LIFE:**  
6,000 Cycles [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~]



**COLORS AND MARKINGS**

**BODY:**  
Black

**ACTUATOR:**  
Black

**MARKINGS:**  
I/O Vertical (1)

**MARKING COLOR:**  
White

**MATERIALS**

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

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

**SPRING:**  
Steel

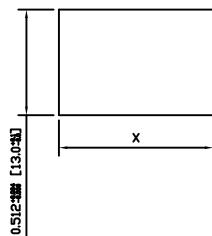
**BALL:**  
Steel

**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    | 09/05/04 | CAB |
| BODY           | A    | 09/05/04 | CAB |
| COLORS         | A    | 09/05/04 | CAB |
| MATERIALS      | A    | 09/05/04 | CAB |
| SPECIFICATIONS | B    | 09/06/13 | CAB |
| REFERENCE      | REV. | DATE     | BY  |

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|      |                      |       |          |          |
|------|----------------------|-------|----------|----------|
| B    | REMOVED SEMKO RATING | 23425 | 06/28/18 | MJR      |
| A    | RELEASED DESIGN      | 20924 | 12/13/12 | ERP      |
| REV. | DESCRIPTION          | PCR   | DATE     | DRAWN BY |

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

**RA111C1121**

|                |                    |          |
|----------------|--------------------|----------|
| DRAWING NUMBER | DATE               | REVISION |
| 38-RA111C1121  | SEPTEMBER 10, 2009 | B        |

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[PREDD5-07F-BB0GW](#) [999-16716-002](#) [999-16716-003](#) [999-16716-004](#) [A101J1V3Q004](#) [A101J2ZQ004](#) [A101J4ZQ004](#) [A101J51CB0004](#)  
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[1571989-7](#) [1571988-5](#) [B123J77V7B2](#) [B226J50W4Q22P](#) [B433J37ZQ22M](#) [160212E](#) [1634200-7](#) [1801.1164](#) [1839.1502](#) [PANEL-PLUG-VHP-](#)  
[BLACK](#) [PANEL-PLUG-VHP-WT](#) [K1ABBSCADN](#) [K2ABAAAAAA](#) [KG312A2DXD246X](#) [250011E714](#) [2600HM11E](#) [2600R21E](#)