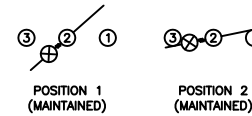


## SCHEMATIC



## 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~  $\mu$  1E4 T125/55 [ENEC14, SEMKO]  
10(2)A 250V~  $\mu$  5E4 T85/55 [ENEC14, SEMKO]

ILLUMINATION VOLTAGE:  
125V

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, SEMKO: 10(4)A 250V~]  
50,000 Cycles [ENEC14, SEMKO: 10(2)A 250V~]

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

## APPROVALS:



## COLORS AND MARKINGS

BODY:  
Black

ACTUATOR:  
Transparent Red

MARKINGS:  
ON/OFF Vertical (3)

MARKING COLOR:  
White

## MATERIALS

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

ACTUATOR:  
Polycarbonate (PC), UL94 V-2

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

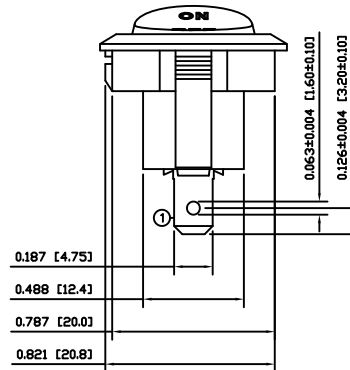
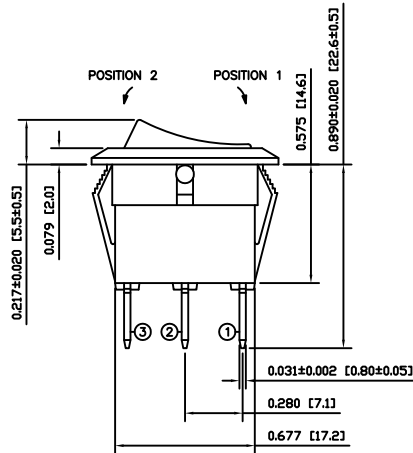
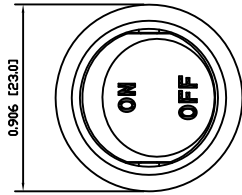
LAMP:  
Neon Bulb

SPRING:  
Steel

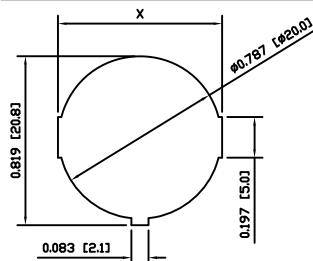
SPRING COVER:  
Steel

CONTACTS:  
Silver Alloy Plated Copper

TERMINALS:  
Silver Plated Copper  
Brass



## SUGGESTED PANEL CUTOUT



| PANEL THICKNESS         | X            |
|-------------------------|--------------|
| 0.030~0.049 [0.75~1.25] | 0.795 [20.2] |
| 0.049~0.079 [1.25~2.00] | 0.803 [20.4] |
| 0.079~0.118 [2.00~3.00] | 0.811 [20.6] |

|                |      |          |     |
|----------------|------|----------|-----|
| ACTUATOR       | A    | 09/08/10 | CAB |
| BODY           | B    | 10/03/31 | CAB |
| COLORS         | A    | 11/01/20 | CAB |
| MATERIALS      | A    | 09/08/10 | CAB |
| SPECIFICATIONS | A    | 09/08/10 | CAB |
| REFERENCE      | REV. | DATE     | BY  |

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|      |                 |       |          |          |
|------|-----------------|-------|----------|----------|
| A    | INITIAL RELEASE | 19811 | 11/01/20 | CAB      |
| REV. | DESCRIPTION     | PCR   | DATE     | DRAWN BY |

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

|                                                                                                 |  |                                                                                       |          |
|-------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|----------|
|  E-SWITCH® |  |  |          |
| TITLE                                                                                           |  |                                                                                       |          |
| RR111C1023-116                                                                                  |  |                                                                                       |          |
| ITEM NUMBER                                                                                     |  | DATE                                                                                  | REVISION |
| 38-RR111C1023116                                                                                |  | JANUARY 20, 2011                                                                      | A        |

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