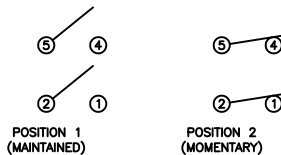


SCHEMATIC



SPECIFICATIONS

**FUNCTION:**  
2P1T OFF-(ON)

**RATINGS:**  
ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):  
20A 125VAC [UR, cUR]  
16A 125VAC 1/4HP [cURus]  
16A 250VAC 1/4HP [cURus]  
6.9A 250VAC 3/4HP [cURus]

ANSI/UL 1054 (233821):  
16A 125VAC 1/4HP [CSAus]  
16A 250VAC 1/4HP [CSAus]

EN 61058-1:2002 and DIN/VDE 0630-1:2003-03 (40017928):  
16(8) 250V~ T125/55 1E4 [ENEC10, VDE]  
10(2) 250V~ T125/55 5E4 [ENEC10, VDE]  
16(4) 250V~ T125/55 1E4 [ENEC10, VDE]

**CONTACT RESISTANCE:**  
Initial: 20mΩ Max.

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

**DIELECTRIC STRENGTH:**  
1,000VAC For 1 Minute

**ELECTRICAL LIFE:**  
6,000 Cycles [cURus, CSAus]  
10,000 Cycles [ENEC10, VDE: 16(8)A 250V~]  
50,000 Cycles [ENEC10, VDE: 10(2)A 250V~]

**TEMPERATURE:**  
-20°C to 65°C [cURus]  
-20°C to 125°C [ENEC10, VDE]



COLORS AND MARKINGS

**BODY:**  
Black

**ACTUATOR:**  
Black

**MARKING:**  
None

**MARKING COLOR:**  
None

MATERIALS

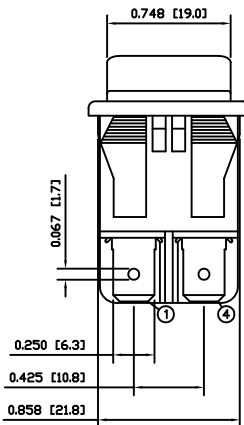
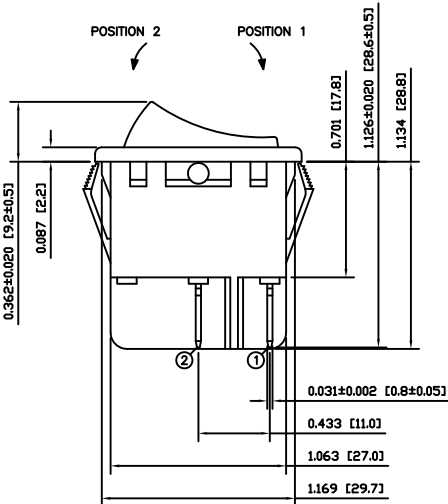
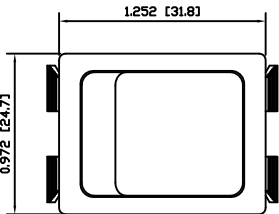
**BODY:**  
Polyamide 6/6 (PA66), UL94 V-2

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

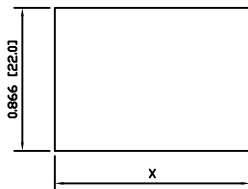
**SPRING:**  
Plano Wire

**CONTACTS:**  
Silver Alloy

**TERMINALS:**  
Silver Plated Copper  
Silver Plated 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] | 1.189 [30.2] |
| 0.079~0.118 [2.00~3.00] | 1.200 [30.5] |

|                |      |          |     |
|----------------|------|----------|-----|
| ACTUATOR       | A    | 08/07/02 | CAB |
| BODY           | A    | 08/07/02 | CAB |
| COLORS         | A    | 08/07/02 | CAB |
| MATERIALS      | A    | 08/07/02 | CAB |
| SPECIFICATIONS | A    | 08/07/02 | CAB |
| REFERENCE      | REV. | DATE     | BY  |

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|      |                 |       |          |          |
|------|-----------------|-------|----------|----------|
| A    | INITIAL RELEASE | 18954 | 10/03/23 | CAB      |
| REV. | DESCRIPTION     | PCR   | DATE     | DRAWN BY |

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

RB24ED1100

DRAWING NUMBER  
14-RB24ED1100

DATE  
MARCH 23, 2010

REVISION  
A

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