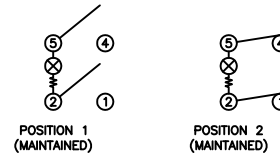


SCHEMATIC



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]

ILLUMINATION VOLTAGE:
125V

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:
Transparent Blue

MARKING:
I/O Vertical (1)

MARKING COLOR:
White

MATERIALS

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

ACTUATOR:
Polycarbonate (PC), UL94 V-2

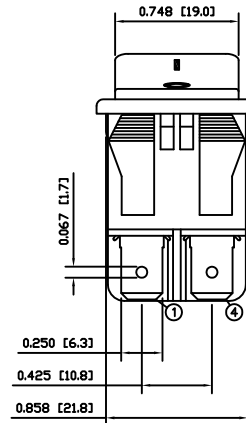
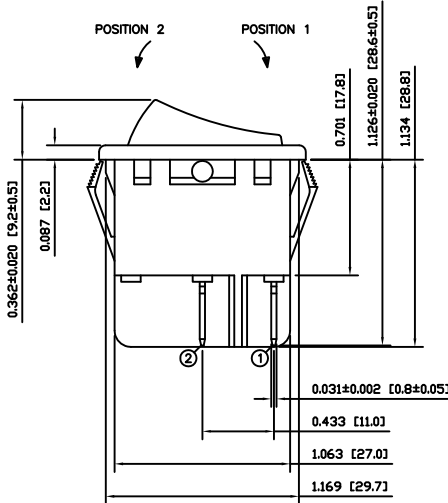
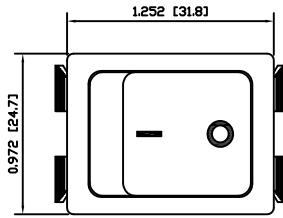
LAMP CARRIER:
Polyamide 6/6 (PA66), UL94 V-2

LAMP:
Neon Bulb

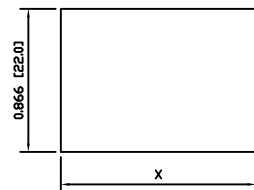
SPRING:
Piano Wire

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 | 09/07/02 | CAB |
|----------------|------|----------|-----|
| BODY | A | 09/07/02 | CAB |
| COLORS | A | 10/08/08 | CAB |
| MATERIALS | A | 09/07/02 | CAB |
| SPECIFICATIONS | A | 09/07/02 | CAB |
| REFERENCE | REV. | DATE | BY |

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| A | INITIAL RELEASE | 19287 | 10/09/08 | CAB |
|------|-----------------|-------|----------|----------|
| REV. | DESCRIPTION | PCR | DATE | DRAWN BY |

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

| | | |
|-----------------------|-------------------|----------|
| | | |
| RB242D1021-146 | | |
| ITEM NUMBER | DATE | REVISION |
| 14-RB242D1021146 | SEPTEMBER 8, 2010 | A |