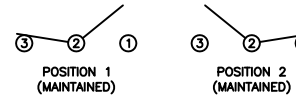


**SCHEMATIC**



**SPECIFICATIONS**

**FUNCTION:**  
1P2T ON-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]

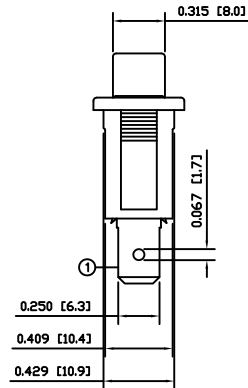
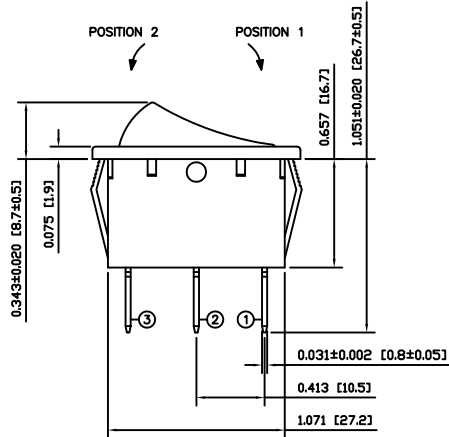
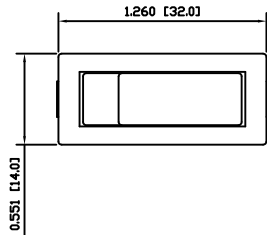
**CONTACT RESISTANCE:**  
Initial: 35mΩ Max. at 50VAC

**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]



**COLORS AND MARKINGS**

**BODY:**  
Black

**ACTUATOR:**  
Black

**MARKINGS:**  
None

**MARKING COLOR:**  
None

**MATERIALS**

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

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

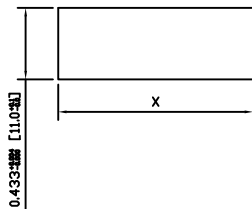
**LAMP CARRIER:**  
Polyamide 6/6 (PA66), UL94 V-2

**SPRING:**  
Steel

**CONTACTS:**  
Silver Plated Copper

**TERMINALS:**  
Silver Plated Copper

**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

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REV.	DESCRIPTION	DATE	BY
A	CHANGED VDE APPROVAL TO SEMKO APPROVAL	19991 11/05/03	CAB
B	INITIAL RELEASE	19372 10/10/21	CAB
		PCB	DATE
			DRAWN BY

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

<b>RB143C1100</b>		
ITEM NUMBER	DATE	REVISION
38-RB143C1100	MAY 3, 2011	B