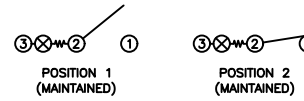


SCHEMATIC



SPECIFICATIONS

FUNCTION:  
1P1T OFF-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]  
16(8)A 250V~ 1E4 T125/55 [ENEC14]

ILLUMINATION VOLTAGE:  
12V

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]

TEMPERATURE:  
Operating: -20°C to 85°C [cURus]  
Operating: -20°C to 125°C [ENEC14]

APPROVALS:



COLORS AND MARKINGS

BODY:  
Black

ACTUATOR:  
Transparent Amber

MARKINGS:  
None

MARKING COLOR:  
None

MATERIALS

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

ACTUATOR:  
Polycarbonate (PC), UL94 V-2

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

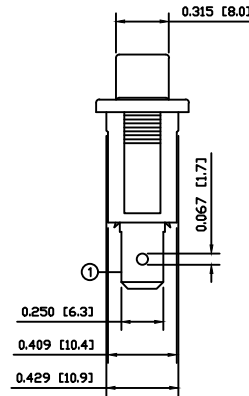
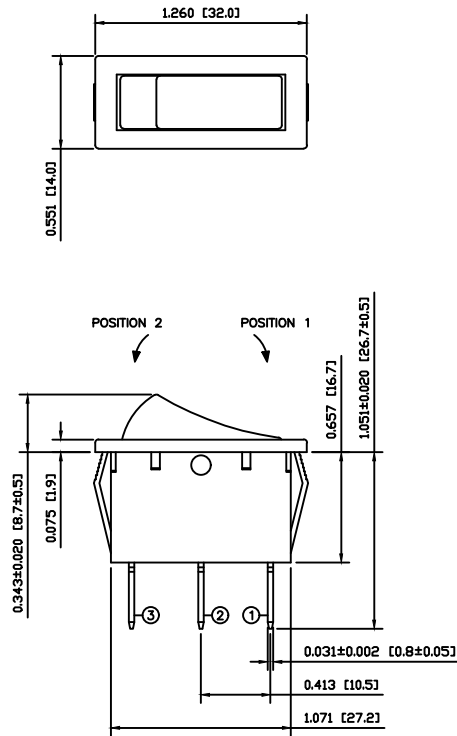
LAMP:  
Incandescent Bulb

LAMP SPRING:  
Steel

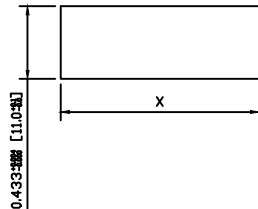
SPRING:  
Steel

CONTACTS:  
Silver Plated Copper

TERMINALS:  
Silver Plated Copper  
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]	1.197	[30.4]
0.079~0.118	[2.00~3.00]	1.210	[30.7]

ACTUATOR	A	06/06/29	CAB
BODY	A	06/06/29	CAB
COLORS	A	06/06/29	CAB
MATERIALS	A	06/06/29	CAB
SPECIFICATIONS	B	11/05/03	CAB
REFERENCE	REV.	DATE	BY

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO E-SWITCH AND IS NOT TO BE COPIED OR TRANSFERRED.

B	CHANGED VDE APPROVAL TO SEMKO APPROVAL	19891	11/05/03	CAB
A	INITIAL RELEASE	19372	10/10/21	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

DIMENSIONS	
INCHES [MILLIMETERS]	
GENERAL TOLERANCES	
±0.008 [±0.2] / ±1*	
SCALE	PROJECTION
DRAWING NOT TO SCALE	1st Angle

TITLE RB141C1000-124			
ITEM NUMBER	DATE	REVISION	
38-RB141C1000124	MAY 3, 2011	B	