

A

B

C

D

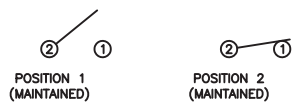
A

B

C

D

SCHEMATIC



SPECIFICATIONS

FUNCTION:
1P1T OFF-ON

RATINGS:
ANSI/UL 1054:
16A 125/250VAC [cURus]
20A 250VAC [cURus]
3/4HP 125/250VAC [cURus]

ANSI/UL 1054 (233821):

CONTACT RESISTANCE:
Initial: 20mΩ Max.

INSULATION RESISTANCE:
100MΩ Min. at 500VDC

DIELECTRIC STRENGTH:
1,000VAC for 1 Minute

ELECTRICAL LIFE:
6,000 Cycles [cURus]

TEMPERATURE:
Operating: -20°C to 65°C

APPROVALS:



COLORS AND MARKINGS

BODY:
Black

ACTUATOR:
Black

MARKINGS:
OFF/ON Vertical (L)

MARKING COLOR:
White

MATERIALS

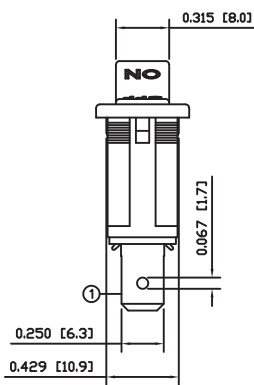
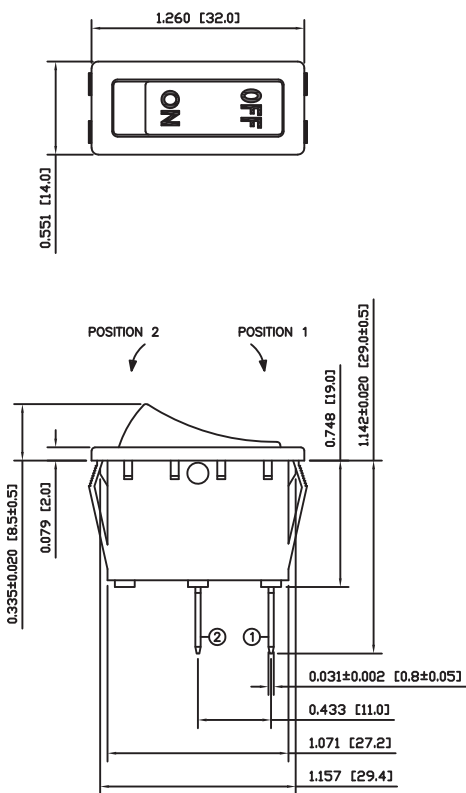
BODY:
Polyamide 6/6 (PA66), UL94 V-2

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

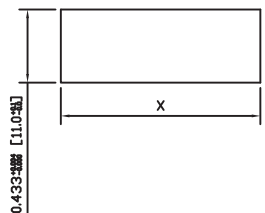
SPRING:
Steel

CONTACTS:
Silver Plated Copper

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]	1.201 [30.5]

ACTUATOR	A	09/06/26	CAB
BODY	A	09/06/26	CAB
COLORS	A	09/06/26	CAB
MATERIALS	A	09/07/27	CAB
SPECIFICATIONS	A	09/06/26	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	REMOVE VDE AND ENEC RATING AND LOGO	100568	11/23/2021	JS
A	INITIAL RELEASE	PCR00251	09/12/18	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

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

E-SWITCH®

OBJECT ID: 000000284

RB141D112L

DRAWING NUMBER 14-RB141D112L	DATE DECEMBER 18, 2009	REVISION B
---------------------------------	---------------------------	---------------