

SPECIFICATIONS



FUNCTION:
2P1T OFF—ON

RATINGS:
ANSI/UL 1054:
20A 125VAC [UR, cUR]
16A 125VAC 1/4HP [cURus]
16A 250VAC 1/4HP [cURus]
6.9A 250VAC 3/4HP [cURus]

ANSI/UL 1054 (233821):

ILLUMINATION VOLTAGE:
125V

CONTACT RESISTANCE:
Initial: 20m Ω Max.

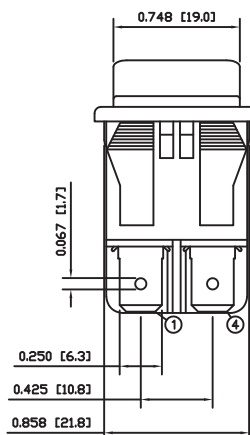
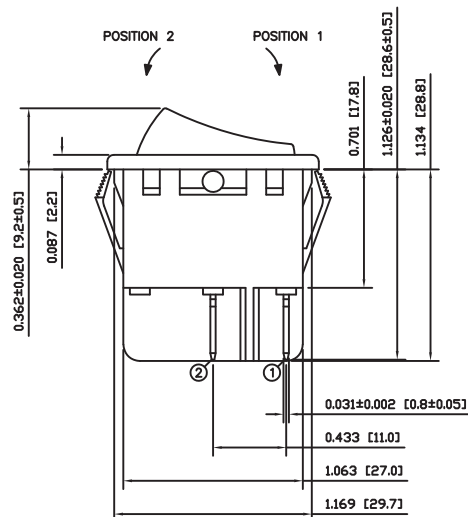
INSULATION RESISTANCE:
100M Ω Min. at 500VDC

DIELECTRIC STRENGTH:
1,000VAC For 1 Minute

ELECTRICAL LIFE:
6,000 Cycles [cURus]

TEMPERATURE:
—20°C to 65°C

APPROVALS:



COLORS AND MARKINGS

BODY:
Black

ACTUATOR:
Transparent Red

MARKING:
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

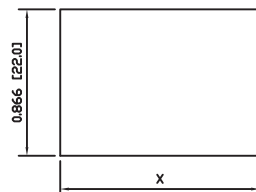
LAMP:
Neon Bulb

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	09/07/02	CAB
MATERIALS	A	09/07/02	CAB
SPECIFICATIONS	A	09/07/02	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/ENEC RATING AND LOGO	100600	12/02/2021	JS
A	INITIAL RELEASE	PCR00051	09/08/05	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

DIMENSIONS		INCHES [MILLIMETERS]	
GENERAL TOLERANCES		± 0.008 [± 0.2] / $\pm 1^{\circ}$	
SCALE	DRAWING NOT TO SCALE		PROJECTION
			

OBJECT ID: 000000298



◆ E ◆ SWITCH ◆



RB242D1000-116

DRAWING NUMBER	DATE	REVISION
14-RB242D1000116	AUGUST 5, 2009	B