

A

B

C

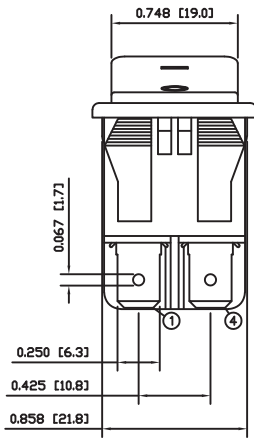
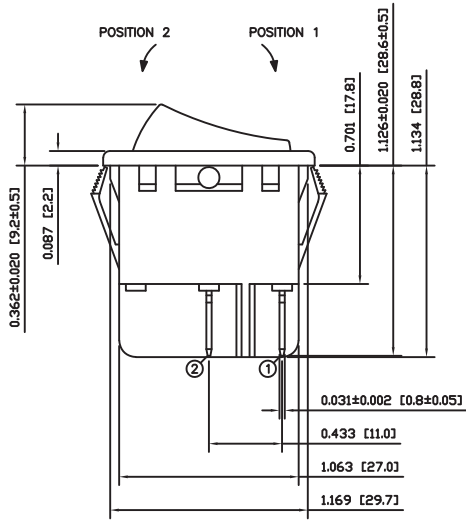
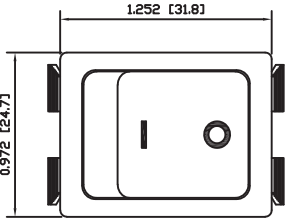
D

A

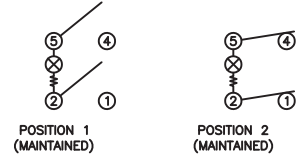
B

C

D



SCHEMATIC



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:
250V

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:
-20°C to 65°C

APPROVALS:



COLORS AND MARKINGS

BODY:
Black

ACTUATOR:
Transparent Green

MARKING:
I/O Horizontal (R)

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

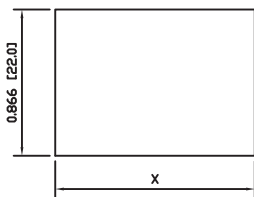
LAMP:
Neon Bulb

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	09/08/10	CAB
MATERIALS	A	09/07/02	CAB
SPECIFICATIONS	A	09/07/02	CAB
REFERENCE	REV.	DATE	BY

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C	REMOVE VDE/ENEC/CSA RATING AND LOGO	100600	12/03/2021	JS
B	CORRECTED BULB TYPE	PCRD0240	09/12/09	CAB
A	INITIAL RELEASE	PCRD0090	09/08/24	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

OBJECT ID: 000000305

RB242D102R-137

DRAWING NUMBER 14-RB242D102R137	DATE DECEMBER 9, 2009	REVISION C
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