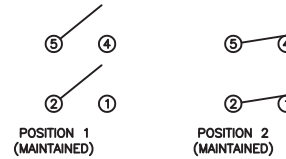


SCHEMATIC



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):

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:
Grey

MARKING:
I/O Horizontal (R)

MARKING COLOR:
White

MATERIALS

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

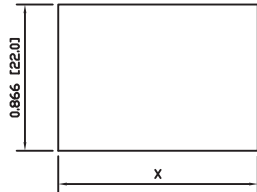
ACTUATOR:
Polyamide 6/6 (PA66), UL94 V-2

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	09/07/09	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	100605	12/07/2021	JS
A	INITIAL RELEASE	PCR00030	09/07/09	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

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

OBJECT ID: 000000309

RB242D142R

DRAWING NUMBER 14-RB242D142R	DATE JULY 9, 2009	REVISION B
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A

B

C

D