

SCHEMATIC



SPECIFICATIONS

FUNCTION:
1P1T OFF-ON

RATINGS:
ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):
16A 125VAC [UR, cUR]
10A 250VAC [UR, cUR]
1/3HP 125/250VAC [UR, cUR]

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 [UR, cUR]

TEMPERATURE:
Operating: -20°C to 105°C [UR, cUR]

APPROVALS:



COLORS AND MARKINGS

BODY:
White

ACTUATOR:
White

MARKINGS:
None

MARKING COLOR:
None

MATERIALS

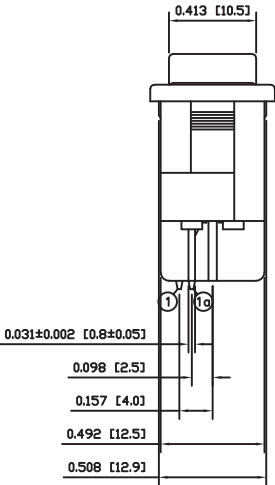
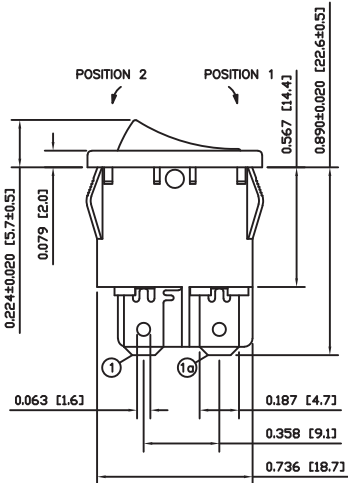
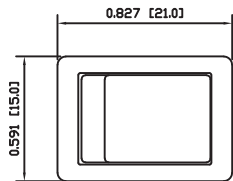
BODY:
Polyamide 6/6 (PA66), UL94 V-2

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

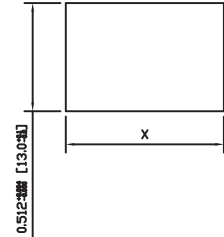
MOBILE CONTACT:
Silver Plated Copper

CONTACTS:
Silver Alloy

TERMINALS:
Silver Plated Copper
Silver Plated Brass



SUGGESTED PANEL CUTOUT



PANEL THICKNESS	X
0.030~0.049 [0.75~1.25]	0.756 [19.2]
0.049~0.079 [1.25~2.00]	0.764 [19.4]
0.079~0.118 [2.00~3.00]	0.772 [19.6]

ACTUATOR	A	09/07/30	CAB
BODY	A	09/07/30	CAB
COLORS	A	09/11/03	CAB
MATERIALS	A	09/07/30	CAB
SPECIFICATIONS	A	09/07/30	CAB
REFERENCE	REV.	DATE	BY

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C	REMOVE VDE/ENEC RAING AND LOGO	100457	01/12/2022	JS
B	REMOVED SEMKO RATING	23429	06/29/18	MJR
A	INITIAL RELEASE	PCR00189	09/11/03	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

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



E-SWITCH®



RA811C2200

DRAWING NUMBER	DATE	REVISION
38-RA811C2200	NOVEMBER 3, 2009	C

OBJECT ID: 000001443