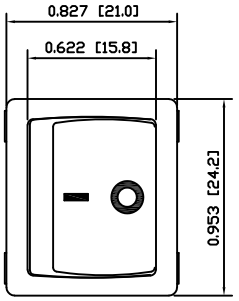
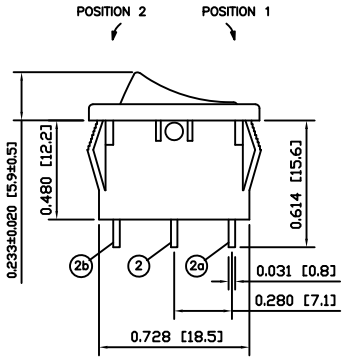
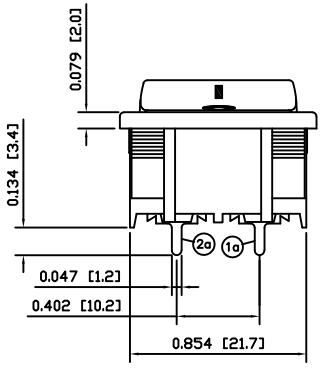
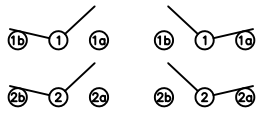
SHEET 1 OF 1







SCHEMATIC



POSITION 1 (MAINTAINED) | POSITION 2 (MOMENTARY)

SPECIFICATIONS

FUNCTION:
2P2T ON–(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]

EN 61058–1:2002:
10(4)A 250V~ μ 1E4 T125/55 [ENEC14]
10(2)A 250V~ μ 5E4 T85/55 [ENEC14]

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]
10,000 Cycles [ENEC14: 10(4)A 250V~]
50,000 Cycles [ENEC14: 10(2)A 250V~]

TEMPERATURE:
Operating: –20°C to 105°C [UR, cUR]
Operating: –20°C to 125°C [ENEC14: 10(4)A 250V~]
Operating: –20°C to 85°C [ENEC14: 10(2)A 250V~]

APPROVALS:

RoHS COMPLIANT

COLORS AND MARKINGS

BODY:
Black (1)

ACTUATOR:
Red (9)

MARKING:
I/O Vertical (1)

MARKING COLOR:
WHITE (2)

MATERIALS

BODY:
Polyamide 6/6 (PA66), UL94 V–2

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

SPRING:
Steel

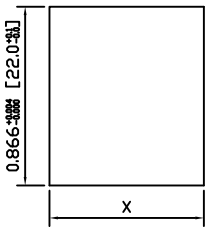
BALL:
Steel

MOBILE CONTACT:
Silver Alloy

CONTACTS:
Silver Alloy

TERMINALS:
Silver Plated Copper

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	09/09/17	CAB
COLORS	–	11/16/15	MW
MATERIALS	A	09/09/17	CAB
SPECIFICATIONS	A	09/09/17	CAB
REFERANCE	REV.	DATE	BY

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO E–SWITCH–LAMB INDUSTRIES AND IS NOT TO BE COPIED OR TRANSFERRED

REV.	DESCRIPTION	PCR	DATE	DRAWN BY
B	REMOVED SEMKO RATING	23429	06/29/18	MJR
A	INITIAL RELEASE	22087	12/11/15	MW

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

E•SWITCH® | LAMB INDUSTRIES

RA43HC1921 (WHITE I/O MARKING)

DRAWING NUMBER: 38–RA43HC1921
DATE: 12/11/2015
REVISION: B

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

E-Switch:

RA43HC1921