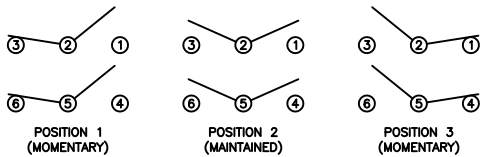


SCHEMATIC



SPECIFICATIONS

FUNCTION:
2P2T (ON)–OFF–(ON)

RATINGS:
ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):
15A 125VAC [cURus]
8A 250VAC [cURus]

EN 61058-1:2002+A2 (SE/09138-1):
16(4)A 250V~ 1E4 T125/55 [ENEC14]
16(8)A 250V~ 1E4 T125/55 [ENEC14]

CONTACT RESISTANCE:
Initial: 35mΩ Max. at 500VAC

INSULATION RESISTANCE:
100MΩ Min. at 500VDC

DIELECTRIC STRENGTH:
1,500VAC For 1 Minute

ELECTRICAL LIFE:
6,000 Cycles [cURus]
10,000 Cycles [ENEC14]

TEMPERATURE:
–20°C to 85°C [cURus]
–20°C to 125°C [ENEC14]



COLORS AND MARKINGS

BODY:
Black

ACTUATOR:
Black

MARKING:
None

MARKING COLOR:
None

MATERIALS

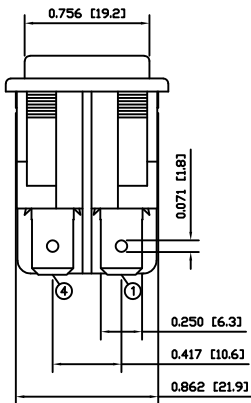
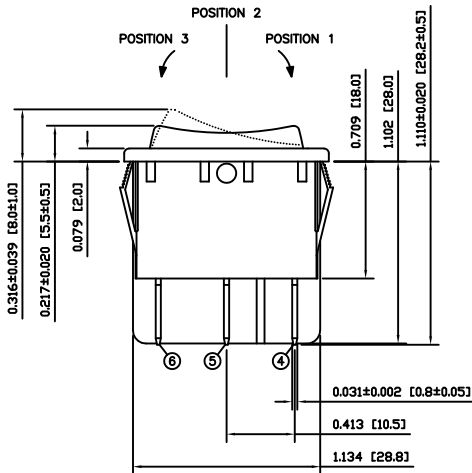
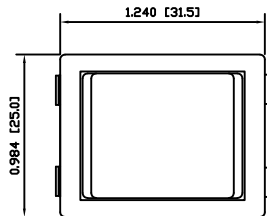
BODY:
Polyamide 6/6 (PA66), UL94 V–2

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

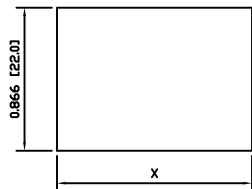
SPRING:
Plano Wire

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	09/08/26	CAB
BODY	A	09/08/26	CAB
COLORS	A	09/08/26	CAB
MATERIALS	A	09/08/26	CAB
SPECIFICATIONS	B	11/05/04	CAB
REFERENCE	REV.	DATE	BY

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

C	REMOVED SEMKO RATING	23434	07/05/18	MJR
B	CHANGED VDE APPROVAL TO SEMKO APPROVAL	18992	11/05/04	CAB
A	INITIAL RELEASE	18933	10/03/10	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

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

TITLE RB24KC1100	
ITEM NUMBER 38–RB24KC1100	DATE MAY 4, 2011
REVISION C	

Mouser Electronics

Authorized Distributor

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[E-Switch:](#)

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