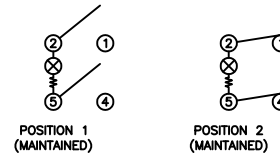


SCHEMATIC



SPECIFICATIONS

FUNCTION:
2P1T OFF-ON

RATINGS:
ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):
16A 125VAC [cURus]
8A 250VAC [cURus]

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

ILLUMINATION VOLTAGE:
250V

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

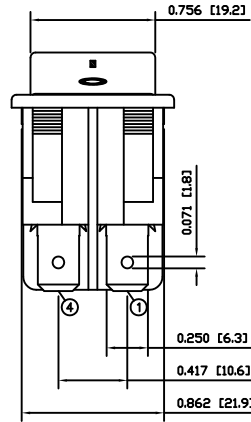
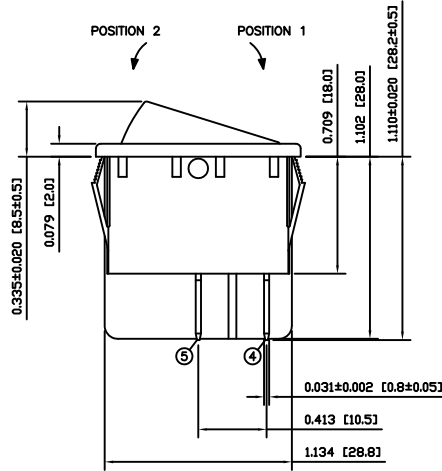
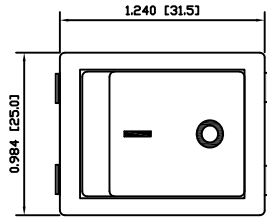
INSULATION RESISTANCE:
100MΩ Min. at 500VDC

DIELECTRIC STRENGTH:
1,500VAC For 1 Minute

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

TEMPERATURE:
-20°C to 85°C [cURus]
-20°C to 125°C [ENEC14, SEMKO]

APPROVALS:



COLORS AND MARKINGS

BODY:
Black

ACTUATOR:
Transparent Blue

MARKING:
I/O Vertical (1)

MARKING COLOR:
White

MATERIALS

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

ACTUATOR:
Polycarbonate (PC) UL94 V-2

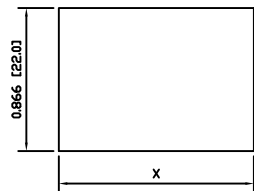
SPRING:
Piano Wire

LAMP:
Neon Bulb

CONTACTS:
Silver Alloy Clad Copper

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

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REV.	DESCRIPTION	DATE	DRAWN BY
C	CHANGED VDE APPROVAL TO SEMKO APPROVAL	19892 11/05/04	CAB
B	CORRECTED BULB TYPE	PCRD0241 09/12/09	CAB
A	INITIAL RELEASE	PCRD0150 09/10/08	CAB

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

RB2F42C1021-147

ITEM NUMBER	DATE	REVISION
38-RB2F42C1021147	MAY 4, 2011	C