

SHEET 1 OF 1

1.240 [31.5]

0.984 [25.0]

POSITION 2

POSITION 1

0.079 [2.0]

0.335±0.020 [8.5±0.5]

0.709 [18.0]

1.102 [28.0]

1.110±0.020 [28.2±0.5]

0.031±0.002 [0.8±0.05]

0.413 [10.5]

1.134 [28.8]

0.756 [19.2]

0.071 [1.8]

0.250 [6.3]

0.417 [10.6]

0.862 [21.9]

SUGGESTED PANEL CUTOUT

0.866 [22.0]

X

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]

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:

SCHEMATIC

POSITION 1
(MAINTAINED)

POSITION 2
(MAINTAINED)

COLORS AND MARKINGS

BODY:
Black

ACTUATOR:
Transparent Blue

MARKING:
None

MARKING COLOR:
None

MATERIALS

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

ACTUATOR:
Polycarbonate (PC) UL94 V-2

SPRING:
Plano Wire

LAMP:
Neon Bulb

CONTACTS:
Silver Alloy Clad Copper

TERMINALS:
Silver Plated Copper
Silver Plated Brass

ACTUATOR	A	09/09/09	CAB
BODY	A	09/08/26	CAB
COLORS	A	10/08/24	CAB
MATERIALS	A	09/09/09	CAB
SPECIFICATIONS	B	11/05/04	CAB
REFERENCE	REV.	DATE	BY

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B	CHANGED VDE APPROVAL TO SEMKO APPROVAL	19892	11/05/04	CAB
A <th>INITIAL RELEASE</th> <th>19269</th> <th>10/08/25</th> <th>CAB</th>	INITIAL RELEASE	19269	10/08/25	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY
1				

DIMENSIONS

INCHES [MILLIMETERS]

GENERAL TOLERANCES

±0.008 [±0.2] / ±1'

SCALE

DRAWING NOT TO SCALE

PROJECTION

TITLE

RB2F42C1000-147

ITEM NUMBER

38-RB2F42C1000147

DATE

MAY 4, 2011

REVISION

B