



SCHEMATIC

① ② POSITION 1 (MAINTAINED)

① ② POSITION 2 (MAINTAINED)

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]**EN 61058-1:2002:**
10(4)A 250V~ 1E4 1125/55 [ENEC14, SEMKO]
10(2)A 250V~ 1 SE4 185/55 [ENEC14, SEMKO]**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, SEMKO: 10(4)A 250V~]
50,000 Cycles [ENEC14, SEMKO: 10(2)A 250V~]**TEMPERATURE:**Operating: -20°C to 105°C [UR, cUR]
Operating: -20°C to 125°C [ENEC14, SEMKO: 10(4)A 250V~]
Operating: -20°C to 85°C [ENEC14, SEMKO: 10(2)A 250V~]**APPROVALS:****COLORS AND MARKINGS****BODY:**
WHITE
ACTUATOR:
WHITE
MARKINGS:
NO MARKINGS
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**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]

0.26888 [6.8]

X

ACTUATOR	A	09/07/27	CAB
BODY	A	09/07/27	CAB
MATERIALS	A	09/07/27	CAB
SPECIFICATIONS	A	09/07/27	CAB
REFERENCE	REV.	DATE	BY

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A
REV.INITIAL RELEASE
DESCRIPTION2007/6
FOR05/10/12
DATE09
DRAWN BY

SCALE

DRAWING NOT TO SCALE

PROJECTION

1:1

±0.008 [±0.2] / ±1'

INCHES [MILLIMETERS]

GENERAL TOLERANCES

TITLE

ITEM NUMBER

38-RD151C1100

DATE

MAY 10, 2012

REVISION

A

VERSION

A



E-SWITCH®



RD151C1100

Mouser Electronics

Authorized Distributor

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