

SCHEMATIC



SPECIFICATIONS

FUNCTION:

Pole 1: 1P1T OFF-ON
Pole 2: 1P1T 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]
16(8)A 250V~ 1E4 T125/55 [ENEC14]

ILLUMINATION VOLTAGE:

Pole 1: 125V
Pole 2: NONE

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]

APPROVALS:



COLORS AND MARKINGS

BODY:
Black

ACTUATOR:

Pole 1: Transparent Red
Pole 2: Black

MARKING:

Pole 1: I/O Vertical (1)
Pole 2: NO MARKING (0)

MARKING COLOR:

Pole 1: White (2)
Pole 2: NONE (0)

MATERIALS

BODY:

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

ACTUATOR:

Polycarbonate (PC), UL94 V-2

LAMP CARRIER:

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

LAMP:

Incandescent Bulb

SPRING:

Piano Wire

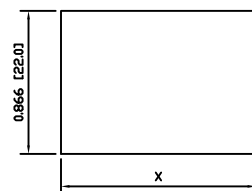
CONTACTS:

Silver Alloy Clad Copper

TERMINALS:

Silver Plated Copper
Silver Plated Brass
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	09/10/09	CAB
BODY	A	09/10/09	CAB
COLORS	A	09/10/12	CAB
MATERIALS	A	09/10/09	CAB
SPECIFICATIONS	A	09/10/09	CAB
REFERENCE	REV.	DATE	BY

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A
REV.

INITIAL RELEASE

20846

08/13/12

re

DATE

DRAWN BY

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



RB4B(1C1021-116+1C1100)

DRAWING NUMBER

38-RB4S00225

DATE

06 13 2012

REVISION

A

Mouser Electronics

Authorized Distributor

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[E-Switch:](#)

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