

SCHMATIC

SPECIFICATIONS

FUNCTION: 2P1T OFF-ON
 RATINGS: ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):
 16A 125VAC [cUlraa]
 9A 250VAC [cUlraa]
 EN 61058-1:2002+A2 (SE/09138--1):
 16(4)A 250V~ 1E4 T125/55 [ENEC]4, SEMKO
 16(8)A 250V~ 1E4 T125/55 [ENEC]4, 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 [cUlraa]
 10,000 Cycles [ENEC]4, SEMKO
 TEMPERATURE: -20°C to 85°C [cUlraa]
 -20°C to 125°C [ENEC]4, SEMKO

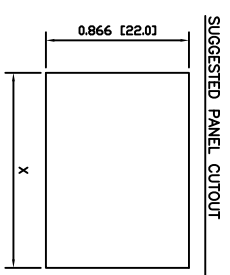
APPROVALS:

COLORS AND MARKINGS

BODY: Black
 ACTUATOR: Transparent Red
 MARKING: None
 MARKING COLOR: None
 FRAME: Black

MATERIALS

BODY: Polyamide 6/6 (PA66), UL94 V-2
 ACTUATOR: Polycarbonate (PC) UL94 V-2
 SPRING: Piano Wire
 LAMP: Neon Bulb
 CONTACTS: Silver Alloy Gild Copper
 TERMINALS: Silver Plated Copper
 Silver Plated Brass
 CAP: Polyvinyl Chloride (PVC)
 FRAME: Polyamide 6/6 (PA66), UL94 V-2



SUGGESTED PANEL CUTOUT

PANEL THICKNESS	X
0.030~0.049 [0.75~1.25]	1.181 [30.0]
0.048~0.078 [1.25~2.00]	1.189 [30.2]
0.079~0.118 [2.00~3.00]	1.200 [30.5]

ACTUATOR	REV.	DATE	BY
A	09/12/16	CAB	
BODY	09/11/10	CAB	
COLORS	09/12/16	CAB	
MATERIALS	09/12/16	CAB	
SPECIFICATIONS	11/05/04	CAB	
REFERENCE	REV.	DATE	BY

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UPDATE DESCRIPTION	REV.	DATE	BY
CHANGED VISE APPROVAL TO SEMKO APPROVAL	A	09/12/16	CAB
INITIAL RELEASE	A	09/12/16	CAB
DESCRIPTION	REV.	DATE	BY

DIMENSIONS

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

E-SWITCH

 RB2F42C1000-117ACCFO21
 PART NUMBER: 38-RB2S00015
 DATE: MAY 4, 2011
 REVISION: C