

**SCHMATIC**

**SPECIFICATIONS**

FUNCTION: 2P1T OFF-ON  
 RATINGS:  
 ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):  
 16A 125VAC [cUlra] 9A 250VAC [cUlra]  
 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: 35mm Max. at 500VAC  
 INSULATION RESISTANCE: 100MΩ Min. at 500VDC  
 DIELECTRIC STRENGTH: 1,500VAC For 1 Minute

ELECTRICAL LIFE: 6,000 Cycles [cUlra] 10,000 Cycles [ENEC]4, SEMKO  
 TEMPERATURE: -20°C to 85°C [cUlra] -20°C to 125°C [ENEC]4, SEMKO

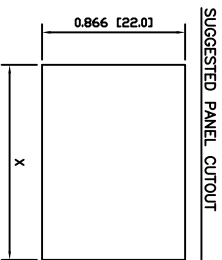


**COLORS AND MARKINGS**

BODY: Black  
 ACTUATOR: Transparent Green  
 MARKING: I/O Vertical (1)  
 MARKING COLOR: White  
 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



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

**SUGGESTED PANEL CUTOUT**

ACTUATOR	A	09/11/10	CAB
BODY	A <td>09/11/10 <th>CAB</th> </td>	09/11/10 <th>CAB</th>	CAB
COLORS	A <td>10/09/18 <th>CAB</th> </td>	10/09/18 <th>CAB</th>	CAB
MATERIALS	A <td>09/12/16 <th>CAB</th> </td>	09/12/16 <th>CAB</th>	CAB
SPECIFICATIONS	B <td>11/05/04 <th>CAB</th> </td>	11/05/04 <th>CAB</th>	CAB
REFERENCE	REV.	DATE	BY

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UPDATE DESCRIPTION	C
CHANGED VISE APPROVAL TO SEMKO APPROVAL	A
INITIAL RELEASE DESCRIPTION	REV.

DATE	DATE	DATE	DATE	DATE
20087	07/03/12	19892	11/05/04	19306
11/05/04	10/09/18			

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

TITLE	DATE	REVISION
RB242C1021-137ACCF021	MAY 4, 2011	C
38-RB2500042		

