

**SCHEMATIC**

**SPECIFICATIONS**

FUNCTION: 2P1T OFF-ON  
 RATINGS:  
 ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):  
 16A 125VAC [cUlrua]  
 9A 250VAC [cUlrua]  
 EN 61058-1:2002+A2 (SE/09138-1):  
 16(4)A 250V~ 1E4 T125/S5 [ENEC]4, SEMKO  
 16(9)A 250V~ 1E4 T125/S5 [ENEC]4, SEMKO

ILLUMINATION VOLTAGE:  
 125V  
 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 [cUlrua]  
 10,000 Cycles [ENEC]4, SEMKO  
 TEMPERATURE:  
 -20°C to 85°C [cUlrua]  
 -20°C to 125°C [ENEC]4, SEMKO

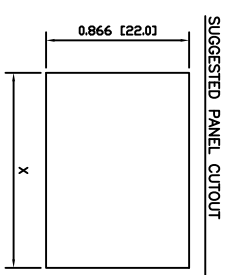


**COLORS AND MARKINGS**

BODY: Block  
 ACTUATOR: Transparent Clear  
 MARKING: None  
 MARKING COLOR: None  
 FRAME: Block

**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]
0.049~0.078 [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	A	09/11/10	CAB
COLORS	A	09/12/16	CAB
MATERIALS	A	09/12/16	CAB
SPECIFICATIONS	B	11/05/04	CAB
REFERENCE	REV.	DATE	BY

1 2 3

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO E-SWITCH AND IS NOT TO BE COPIED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

UPDATE DESCRIPTION	REV.	DATE	BY
CHANGED VISE APPROVAL TO SEMKO APPROVAL.	A	10/26/16	CAB
INITIAL RELEASE	A	11/03/14	CAB
DESCRIPTION	FOR	DATE	DRAWN BY

4 5 6

**INCHES [MILLIMETERS]**

GENERAL TOLERANCES: ±0.008 [±0.2] / ±.1

PROJECTION:

**E-SWITCH®**

**LAMB INDUSTRIES**

RB2F42C1000-106ACCF021

DATE: MAY 4, 2011

REVISION: C