

SCHEMATIC

SPECIFICATIONS

FUNCTION:  
2P1T OFF-ON

RATINGS:  
ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):  
16A 125VAC [cULRu]  
9A 250VAC [cULRu]

EN 61058-1:2002+A2 (SE/09138-1):  
16(4)A 250V~ 1E4 T125/55 [ENEC14, SEMKO]  
16(8)A 250V~ 1E4 T125/55 [ENEC14, 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 [cULRu]  
10,000 Cycles [ENEC14, SEMKO]

TEMPERATURE:  
-20°C to 85°C [cULRu]  
-20°C to 125°C [ENEC14, SEMKO]

APPROVALS:  
 **RoHS**  
COMPLIANT

COLORS AND MARKINGS

BODY:  
Block

ACTUATOR:  
Block

MARKING:  
None

MARKING COLOR:  
None

FRAME:  
Block

MATERIALS

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

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

LENS:  
Polycarbonate (PC) UL94 V-2

SPRING:  
Phosphor Bronze

LAMP:  
Neon Bulb

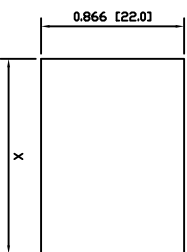
CONTACTS:  
Silver Alloy Clad Copper

TERMINALS:  
Silver Plated Copper  
Silver Plated Brass

CAP:  
Polyvinyl Chloride (PVC)

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

SUGGESTED PANEL CUTOUT



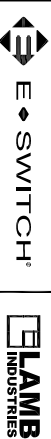
PANEL THICKNESS		X
0.030~0.049 [0.75~1.25]	1.181 [30.0]	
0.049~0.079 [1.25~2.00]	1.189 [30.2]	
0.079~0.118 [2.00~3.00]	1.200 [30.5]	

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

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REVISIONS		DATE	BY
C	UPDATE DESCRIPTION	2008	12/28/11
B	CHANGED VME APPROVAL TO SEMKO APPROVAL	19892	11/05/04
A	INITIAL RELEASE	PC900201	09/12/16

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



RB242C1100-216ACCF021

ITEM NUMBER	DATE	REVISION
38-RB2500007	MAY 4, 2011	C

# Mouser Electronics

Authorized Distributor

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E-Switch:

[RB242C1100-216/ACC-F02-1](#)