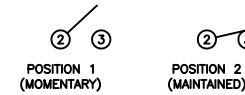


SCHEMATIC



SPECIFICATIONS

FUNCTION:
1P1T ON-(OFF)

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

EN 61058-1:2002/VDE 0630-1: (40017067):
10(6)A 250V~ 1E4 T85 [ENEC10, VDE]
6(2)A 250V~ 5E4 T85 [ENEC10, VDE]

CONTACT RESISTANCE:
Initial: 30mΩ Max. at 50VAC

INSULATION RESISTANCE:
500MΩ Min. at 500VDC

DIELECTRIC STRENGTH:
1,000VAC For 1 Minute

ELECTRICAL LIFE:
6,000 Cycles [cURus]
10,000 Cycles [ENEC10, VDE: 10(6)A 250V~]
50,000 Cycles [ENEC10, VDE: 6(2)A 250V~]

TEMPERATURE:
Operating: -20°C to 55°C [cURus]
Operating: -20°C to 85°C [ENEC10, VDE]



COLORS AND MARKINGS

BODY:
Black

ACTUATOR:
Black

MARKINGS:
None

MARKING COLOR:
None

MATERIALS

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

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

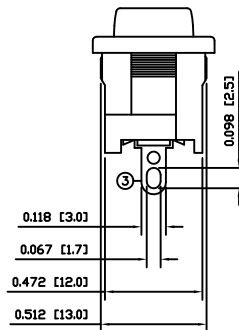
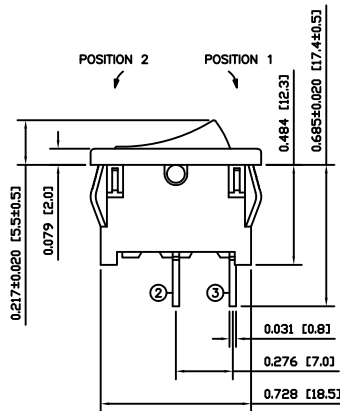
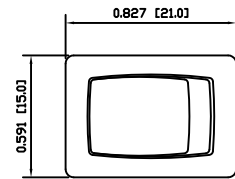
SPRING:
Steel

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

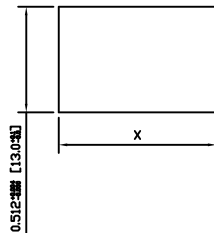
MOBILE CONTACT:
Silver Plated Copper

CONTACTS:
Silver Alloy Over Copper

TERMINALS:
Silver Plated Brass



SUGGESTED PANEL CUTOUT



PANEL THICKNESS	X
0.020~0.049 [0.50~1.25]	0.764 [19.4]
0.049~0.079 [1.25~2.00]	0.775 [19.7]
0.079~0.118 [2.00~3.00]	0.787 [20.0]

ACTUATOR	A	09/07/28	CAB
BODY	A	09/07/28	CAB
COLORS	A	09/07/28	CAB
MATERIALS	A	09/07/28	CAB
SPECIFICATIONS	A	09/07/28	CAB
REFERENCE	REV.	DATE	BY

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B	CHANGED PN FROM RA12AC1100 TO RA12AE1100	PCRD0152	09/11/24	CAB
A	INITIAL RELEASE	PCRD0045	09/07/28	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

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

 E-SWITCH®		 LAMB INDUSTRIES	
RA12AE1100			
DRAWING NUMBER		DATE	REVISION
03-RA12AE1100		NOVEMBER 24, 2009	B