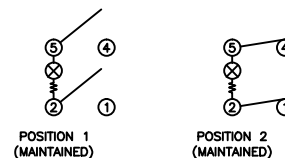


SCHEMATIC



SPECIFICATIONS

FUNCTION:
2P1T OFF-ON

RATINGS:

ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):
20A 125VAC [UR, cUR]
16A 125VAC 1/4HP [cURus]
16A 250VAC 1/4HP [cURus]
6.9A 250VAC 3/4HP [cURus]

ANSI/UL 1054 (233821):

16A 125VAC 1/4HP [CSAus]
16A 250VAC 1/4HP [CSAus]

EN 61058-1:2002 and DIN/VDE 0630-1:2003-03 (40017928):

16(8) 250V~ T125/55 1E4 [ENEC10, VDE]
10(2) 250V~ T125/55 5E4 [ENEC10, VDE]
16(4) 250V~ T125/55 1E4 [ENEC10, VDE]

ILLUMINATION VOLTAGE:

125V

CONTACT RESISTANCE:

Initial: 20mΩ Max.

INSULATION RESISTANCE:

100MΩ Min. at 500VDC

DIELECTRIC STRENGTH:

1,000VAC For 1 Minute

ELECTRICAL LIFE:

10,000 Cycles [cURus, CSAus]
50,000 Cycles [ENEC10, VDE: 16(8)A 250V~]
50,000 Cycles [ENEC10, VDE: 10(2)A 250V~]

TEMPERATURE:

-20°C to 60°C [cURus]
-20°C to 100°C [ENEC10, VDE]

ROVALS



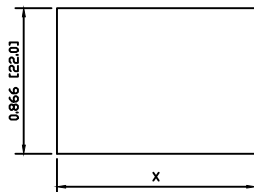
COLORS AND MARKINGS

BODY:
Black
ACTUATOR:
Transparent
MARKING:
I/O Vertical (1)
MARKING COLOR:
Black
JACK ID:
Black

MATERIALS

BODY:
Polyamide 6/6 (PA66), UL94 V-2
ACTUATOR:
Polycarbonate (PC), UL94 V-2
LAMP CARRIER:
Polyamide 6/6 (PA66), UL94 V-2
LAMP:
Neon Bulb
SPRING:
Piano Wire
CONTACTS:
Silver Alloy
TERMINALS:
Silver Plated Copper
Silver Plated Brass
GUARD:
Polyamide 6/6 (PA66), UL94 V-2

SUGGESTED PANEL CUTOUT



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

ACTUATOR	A	10/02/23	CAB
BODY	A	10/02/23	CAB
COLORS	A	10/02/23	CAB
MATERIALS	A	10/02/23	CAB
SPECIFICATIONS	A	09/07/02	CAB
REFERENCE	REV.	DATE	BY

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO E-SWITCH AND IS NOT TO BE COPIED OR TRANSFERRED

A	REV.	INITIAL RELEASE	DESCRIPTION	18893	10/02/22	CAB
REV.		PCR		DATE	DRAWN BY	

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

E-SWITCH®	LAMB INDUSTRIES
TITLE	RB242D1011-116/ACC-F04-1
ITEM NUMBER	14-RB2S00046
DATE	FEBRUARY 22, 2010
REVISION	A