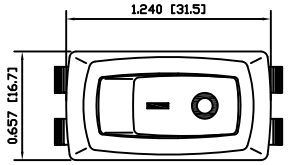
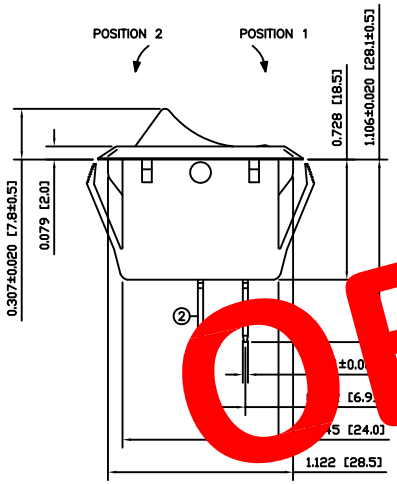
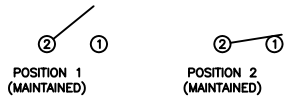
SHEET 1 OF 1





SCHEMATIC



SPECIFICATIONS

FUNCTION:
1P1T OFF–ON

RATINGS:
ANSI/UL 1054:
20A 125VAC [cURus]
16A 250VAC [cURus]
3/4HP 125/250VAC [cURus]

EN 61058–1:2002 and DIN/VDE 0630:2003–03 (40017440):
16(4)A 250V~ 1E4 μ T85/55 [ENEC10, VDE]
10(2)A 250V~ 5E4 μ T85/55 [ENEC10, VDE]
20(8)A 250V~ 1E4 μ T125/55 [ENEC10, VDE]

CONTACT RESISTANCE:
Initial: 20mΩ Max.

INSULATION RESISTANCE:
100MΩ Min. at 500VDC

DIELECTRIC STRENGTH:
1,000VAC for 1 Minute

ELECTRICAL LIFE:
6,000 Cycles [cURus]
10,000 Cycles [ENEC10, VDE: 16(4)A 250V~]
50,000 Cycles [ENEC10, VDE: 10(2)A 250V~]

TEMPERATURE:
Operating: –20°C to 105°C [cURus]
Operating: –20°C to 85°C [ENEC10, VDE: 16(4)A 250V~]
Operating: –20°C to 125°C [ENEC10, VDE: 20(8)A 250V~]

APPROVALS:

OBSOLETE
January 2018
PCR 23172

COLORS AND MARKINGS

BODY:
Black

ACTUATOR:
Black

MARKINGS:
I/O Vertical (1)

MARKING COLOR:
White

MATERIALS

BODY:
Polyamide 6/6 (PA66), UL94 V–2

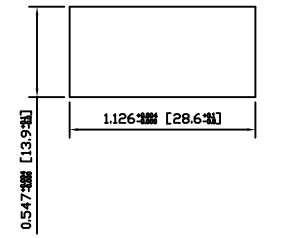
ACTUATOR:
Polyamide 6/6 (PA66), UL94 V–2

SPRING:
Steel

CONTACTS:
Silver Plated Copper

TERMINALS:
Silver Plated Copper
Silver Plated Brass

SUGGESTED PANEL CUTOUT



ACTUATOR	A	09/08/13	CAB
BODY	B	10/05/10	CAB
COLORS	A	09/08/13	CAB
MATERIALS	A	09/08/13	CAB
SPECIFICATIONS	B	10/01/27	CAB
REFERANCE	REV.	DATE	BY

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

REV.	DESCRIPTION	PCR	DATE	DRAWN BY
A	INITIAL RELEASE	19103	10/05/28	CAB

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

E•SWITCH | LAMB INDUSTRIES

TITLE: RSC441D1121
ITEM NUMBER: 14–RSC441D1121
DATE: MAY 28, 2010
REVISION: A