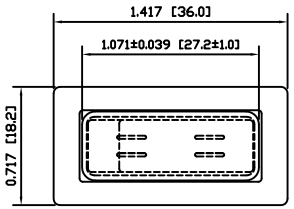
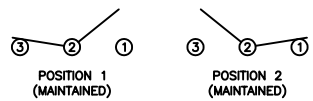
SHEET 1 OF 1



SCHEMATIC



SPECIFICATIONS

FUNCTION:
1P2T ON–ON

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

ANSI/UL 1054 (233821):
16A 250VAC [CSAus]
3/4HP 125/250VAC [CSAus]

EN 61058–1:2002 and DIN/VDE 0630:2003–03 (40017926):
16(4)A 250V~ 1E4 μ T85/55 [ENEC10, VDE]
10(2)A 250V~ 5E4 μ T85/55 [ENEC10, VDE]

CONTACT RESISTANCE:
Initial: 20mΩ Max.

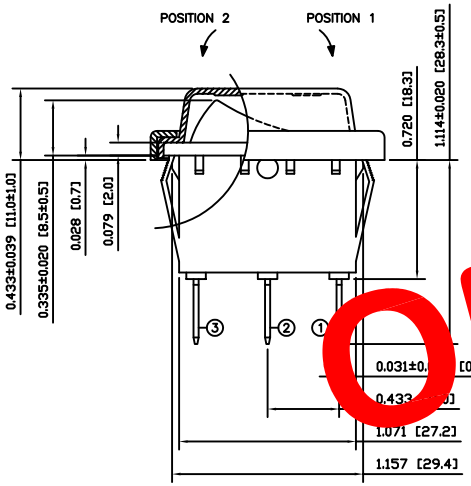
INSULATION RESISTANCE:
100MΩ Min. at 500VDC

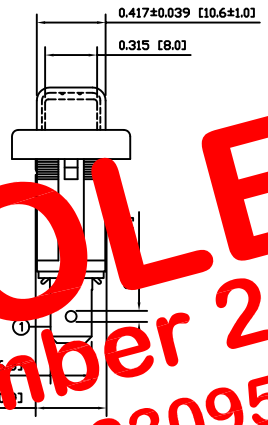
DIELECTRIC STRENGTH:
1,000VAC for 1 Minute

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

TEMPERATURE:
Operating: –20°C to 65°C [cURus, CSAus]
Operating: –20°C to 85°C [ENEC10, VDE]

APPROVALS:
RoHS COMPLIANT





OBSOLETE
November 2017
PCR 23095

COLORS AND MARKINGS

BODY:
Black

ACTUATOR:
Black

MARKINGS:
None

MARKING COLOR:
None

FRAME:
Black

MATERIALS

BODY:
Polyamide 6/6 (PA66), UL94 V–2

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

SPRING:
Steel

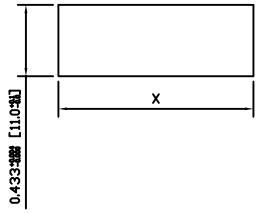
CONTACTS:
Silver Plated Copper

TERMINALS:
Silver Plated Copper
Silver Plated Brass

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]	1.189 [30.2]
0.049~0.079 [1.25~2.00]	1.201 [30.5]

REFERANCE	REV.	DATE	BY
ACTUATOR	A	09/07/08	CAB
BODY	A	09/07/08	CAB
COLORS	A	10/02/19	CAB
MATERIALS	A	09/07/27	CAB
SPECIFICATIONS	A	09/06/26	CAB

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REV.	DESCRIPTION	PCR	DATE	DRAWN BY
A	INITIAL RELEASE	15892	10/02/22	CAB

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

E•SWITCH® | LAMB INDUSTRIES

TITLE: RB143D1100/ACC–F01–1
ITEM NUMBER: 14–RB1S00088
DATE: FEBRUARY 22, 2010
REVISION: A