

SCHEMATIC

SPECIFICATIONS

FUNCTION: 2P1T OFF-ON
RATINGS:
 ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):
 20A 125VAC [UR-clB]
 18A 125VAC 1/4HP [cURus]
 18A 250VAC 1/4HP [cURus]
 6.9A 250VAC 3/4HP [cURus]
 ANSI/UL 1054 (233821):
 18A 125VAC 1/4HP [CSAus]
 18A 250VAC 1/4HP [CSAus]
 EN 61058-1:2002 and DIN/VDE 0830-1:2003-03 (40017928):
 18(A) 250V~ 112S/5S 1E4 [ENEC10, VDE]
 10(2) 250V~ 112S/5S 1E4 [ENEC10, VDE]
 18(4) 250V~ 112S/5S 1E4 [ENEC10, VDE]
ILLUMINATION VOLTAGE: 250V
CONTACT RESISTANCE: Inhd: 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] 50,000 Cycles [ENEC10, VDE: 10(2)A 250V~]
TEMPERATURE: -20°C to 65°C [cURus] -20°C to 125°C [ENEC10, VDE]
APPROVALS:

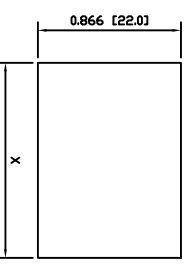
COLORS AND MARKINGS

BODY: Black
ACTUATOR: Transparent Red
MARKING: 1/0 Vertical (1)
MARKING COLOR: White
FRAME: 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
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]
0.048~0.078 [1.25~2.00]	1.200 [30.5]

ACTUATOR	A	09/07/02	CAB
BODY	A	09/07/06 <td>CAB</td>	CAB
COLORS	A	09/06/13 <td>CAB</td>	CAB
MATERIALS	A	09/07/06 <td>CAB</td>	CAB
SPECIFICATIONS	A	09/07/02 <td>CAB</td>	CAB
REFERENCE	REV.	DATE	BY

1 2 3

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UPDATE DESCRIPTION	B	A
INITIAL RELEASE	A	
DESCRIPTION	REV.	

INCHES [MILLIMETERS]	DATE	BY
±0.008 [±0.2] / ±1'	20083 12/22/11	BMA
SCALE	18983 10/02/22	CAB
DRAWING NOT TO SCALE	DATE	DRAWN BY

E-SWITCH **LAMB INDUSTRIES**

RB242D1021-117ACCF021

DATE: FEBRUARY 22, 2010

REVISION: B