

SCHEMATIC

SPECIFICATIONS

FUNCTION:
2P2T ON-ON

RATINGS:
ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):
20A 125VAC [UR, cULR]
18A 125VAC 1/4HP [cULRus]
18A 250VAC 1/4HP [cULRus]
6.9A 250VAC 3/4HP [cULRus]

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(6) 250V~ 112S/5S 1E4 [ENEC10, VDE]
10(2) 250V~ 112S/5S 1E4 [ENEC10, VDE]
18(4) 250V~ 112S/5S 1E4 [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 [cULRus, CSAus]
10,000 Cycles [ENEC10, VDE: 18(8)A 250V~]
50,000 Cycles [ENEC10, VDE: 18(2)A 250V~]

TEMPERATURE:
-20°C to 65°C [cULRus]
-20°C to 125°C [ENEC10, VDE]

APPROVALS:

RoHS COMPLIANT

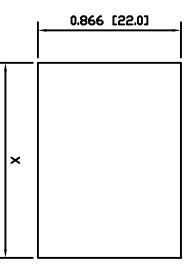
COLORS AND MARKINGS

BOU: Block
ACTUATOR: Block
MARKING: None
MARKING COLOR: None

MATERIALS

BOU: Polyamide 6/6 (PA66), UL94 V-2
ACTUATOR: Polyamide 6/6 (PA66), UL94 V-2
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	REV.	DATE	BY
A	09/07/08	CAB	
A	09/07/08	CAB	
A	09/06/25	CAB	
A	09/07/08	CAB	
A	09/07/08	CAB	
A	09/07/02	CAB	

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REV.	DATE	DESCRIPTION
A	09/07/08	INITIAL RELEASE
B	12/22/11	UPDATE DESCRIPTION
A	09/07/08	PCB

DIMENSIONS	
INCHES [MILLIMETERS]	TOLERANCES
±0.008 [±0.2] / ±1'	±0.008 [±0.2] / ±1'

E-SWITCH

LAMB INDUSTRIES

RB24GD1100ACCF021

DATE: FEBRUARY 22, 2010

REVISION: B