

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(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 [cURus, 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 [cURus]
 -20°C to 125°C [ENEC10, VDE]

APPROVALS:

RoHS COMPLIANT

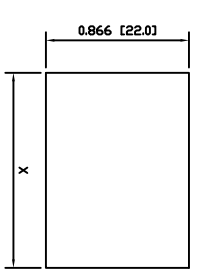
COLORS AND MARKINGS

BODY: Block
ACTUATOR: Block
MARKING: None
MARKING COLOR: None
FRAME: Block

MATERIALS

BODY: 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	
BODY	09/07/08	CAB	
COLORS	09/06/25	CAB	
MATERIALS	09/07/08	CAB	
SPECIFICATIONS	09/07/02	CAB	
REFERENCE			

DIMENSIONS

INCHES [MILLIMETERS]
 GENERAL TOLERANCES ±0.008 [±0.2] / ±1'
 SCALE DRAWING NOT TO SCALE

RB242D1100ACCFO21

TITLE	DATE	REVISION
14-RB2500102	FEBRUARY 22, 2010	B