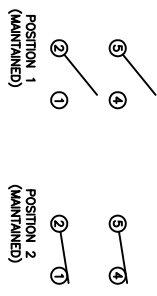


PANEL THICKNESS		X
0.030-0.049 [0.75-1.25]	1.189 [30.2]	
0.048-0.078 [1.25-2.00]	1.200 [30.5]	

**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 61098-1:2002 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: 10(2)A 250V~]

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

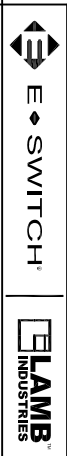


**COLORS AND MARKINGS**

**BODY:** Block  
**ACTUATOR:** Block  
**MARKING:** I/O Vertical (1)  
**MARKING COLOR:** White  
**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  
**CAF:** Polyvinyl Chloride (PVC)  
**FRAME:** Polyamide 6/6 (PA66), UL94 V-2



RB242D1121ACCF021

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

ACTUATOR	REV.	DATE	BY	CHK
BOY	A	09/07/08	CAB	
COLORS	A	09/07/08	CAB	
MATERIALS	A	09/07/08	CAB	
SPECIFICATIONS	A	09/07/08	CAB	
REFERENCE	A	09/07/08	CAB	

UPDATE DESCRIPTION	REV.
INITIAL RELEASE	A
FOR	

DATE	BY	CHK
12/21/11	BM	
09/07/08	CAB	

DATE	BY	CHK
09/07/08	CAB	

DRAWING NUMBER	DATE	REVISION
14-RB2500009	JULY 6, 2009	B