

SCHMATIC

SPECIFICATIONS

FUNCTION:  
2P1T OFF-ON

RATINGS:  
ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):  
20A 125VAC [UR, CLR]  
16A 125VAC 1/4HP [cULus]  
16A 250VAC 1/4HP [cULus]  
6.9A 250VAC 3/4HP [cULus]

ANSI/UL 1054 (233821):  
16A 125VAC 1/4HP [CSAus]  
16A 250VAC 1/4HP [CSAus]

EN 61058-1:2002 and DIN/VDE 0650-1:2003-03 (40017928):  
16(6) 250V~ 112S/5S 1E4 [ENEC10, VDE]  
10(2) 250V~ 112S/5S 5E4 [ENEC10, VDE]  
16(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 [cULus, CSAus]  
10,000 Cycles [ENEC10, VDE: 16(6)A 250V~]  
50,000 Cycles [ENEC10, VDE: 10(2)A 250V~]

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

APPROVALS:  
cULus ENEC CE RoHS  
COMPLIANT

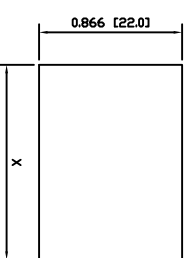
COLORS AND MARKINGS

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  
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] | 1.200 [30.5] |   |

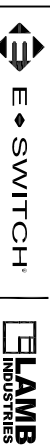
| ACTUATOR       | A    | 09/07/06 | CAB |
|----------------|------|----------|-----|
| BODY           | A    | 09/07/06 | CAB |
| COLORS         | A    | 09/07/06 | CAB |
| MATERIALS      | A    | 09/07/06 | CAB |
| SPECIFICATIONS | A    | 09/07/02 | CAB |
| REFERENCE      | REV. | DATE     | BY  |

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|--|---|---|---|
| 1  | 2 | 3 | 4 |

| UPDATE DESCRIPTION |             | 20355 | 12/21/11 | BMA      |
|--------------------|-------------|-------|----------|----------|
| INITIAL RELEASE    | DESCRIPTION | FOR   | DATE     | DRAWN BY |
| A                  |             |       |          |          |
| REV.               |             |       |          |          |

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

| DRAWING NUMBER    |  | DATE         | REVISION |
|-------------------|--|--------------|----------|
| RB242D1121ACCF021 |  | JULY 6, 2009 | B        |
| 14-RB2500009      |  |              |          |



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