

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(4) 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(9)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]



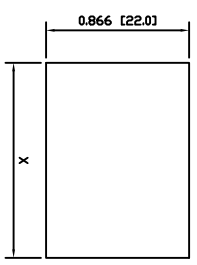
COLORS AND MARKINGS

BODY: Block
ACTUATOR: Block
MARKING: I/O Vertical (1)
MARKING COLOR: White
FRAME: Block

MATERIALS

BODY: Polyamide 6/6 (PA66), U194 V-2
ACTUATOR: Polyamide 6/6 (PA66), U194 V-2
SPRING: Piano Wire
CONTACTS: Silver Alloy
TERMINALS: Silver Plated Copper, Silver Plated Brass
CAF: Polyvinyl Chloride (PVC)
FRAME: Polyamide 6/6 (PA66), U194 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 |
|----------------|------|----------|-----|
| 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 |

| REV. | DATE | DESCRIPTION |
|------|------|-------------|
| 1 | | |

| REV. | DATE | DESCRIPTION |
|------|------|-------------|
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |

| REV. | DATE | DESCRIPTION |
|------|------|-------------|
| 6 | | |
| 7 | | |
| 8 | | |



RB242D1121ACCF021

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

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