

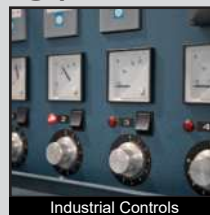
# RA1 SERIES ROCKER SWITCH



## APPLICATIONS / MARKETS



Commercial Appliances



Industrial Controls



Floor Care Appliances



Instrumentation



Medical/Dental



Electrical Housewares



RoHS

## SPECIFICATIONS

### Electrical Rating:

Option 3: 10A 125VAC [UR, cUR]

Option C: 16A 125VAC [UR, cUR]

10A 250VAC [UR, cUR]

**Operating Temperature:** -20°C to 105°C

**Electrical Life:** 10,000 Cycles

**Contact Resistance:** 30mΩ Max.

**Insulation Resistance:** 500MΩ Min. at 500VDC

**Dielectric Strength:** 1,000VAC for 1 min.

**Ingress Protection:** IP54 with PVC Cap (ACC-P01)

## FEATURES & BENEFITS

- High Rating
- Snap in with multiple terminal options
- Many functions available

## PART NUMBER CONFIGURATOR

| Series                | Terminal             | Function                                                                                                                          | Rating                                             | Body Color                         | Actuator Color                                                                                  | Marking Color                                 | Marking Type                                                                                                                                                                 | Lens Style                           | Lens Color                                                                                         | Lamp Voltage                                                        |
|-----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <input type="text"/>  | <input type="text"/> | <input type="text"/>                                                                                                              | <input type="text"/>                               | <input type="text"/>               | <input type="text"/>                                                                            | <input type="text"/>                          | <input type="text"/>                                                                                                                                                         | <input type="text"/>                 | <input type="text"/>                                                                               | <input type="text"/>                                                |
| RA1 - Curved Actuator | 1 - 4.8mm Tab        | 0 - Signal / Blank<br>1 - Off - On<br>3 - On - On<br>4 - Off - (On)<br>5 - On - Off - On<br>A - On - (Off)<br>C - On - Off - (On) | 0 - Signal / Blank<br>3 - 10A 125V<br>C - 16A 125V | 1 - Black<br>2 - White<br>4 - Grey | 0 - Full Illumination<br>1 - Black<br>2 - White<br>4 - Grey<br>7 - Blue<br>8 - Green<br>9 - Red | 0 - None<br>1 - Black<br>2 - White<br>8 - Red | 0 - None<br>1 - I/O Vertical<br>2 - ON-OFF-ON Vertical<br>3 - ON-OFF Vertical<br>4 - ON-OFF Horizontal<br>9 - I/O/II Horizontal<br>R - I/O Horizontal<br>S - I/O/II Vertical | None - Not Illuminated<br>1 - Signal | None - Not Illuminated<br>0 - Clear<br>1 - Red<br>2 - Amber<br>3 - Green<br>4 - Blue<br>5 - Yellow | None - Not Illuminated<br>3 - 6V<br>4 - 12V<br>6 - 125V<br>7 - 250V |

### NOTES:

1. Other terminal options available upon request.
2. ( ) denotes function is momentary

Specifications subject to change without notice 11.3.2022



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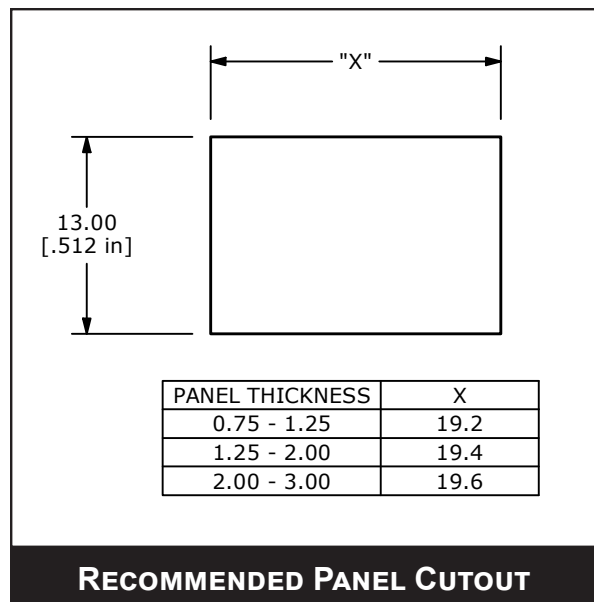
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# RA1 SERIES ROCKER SWITCH

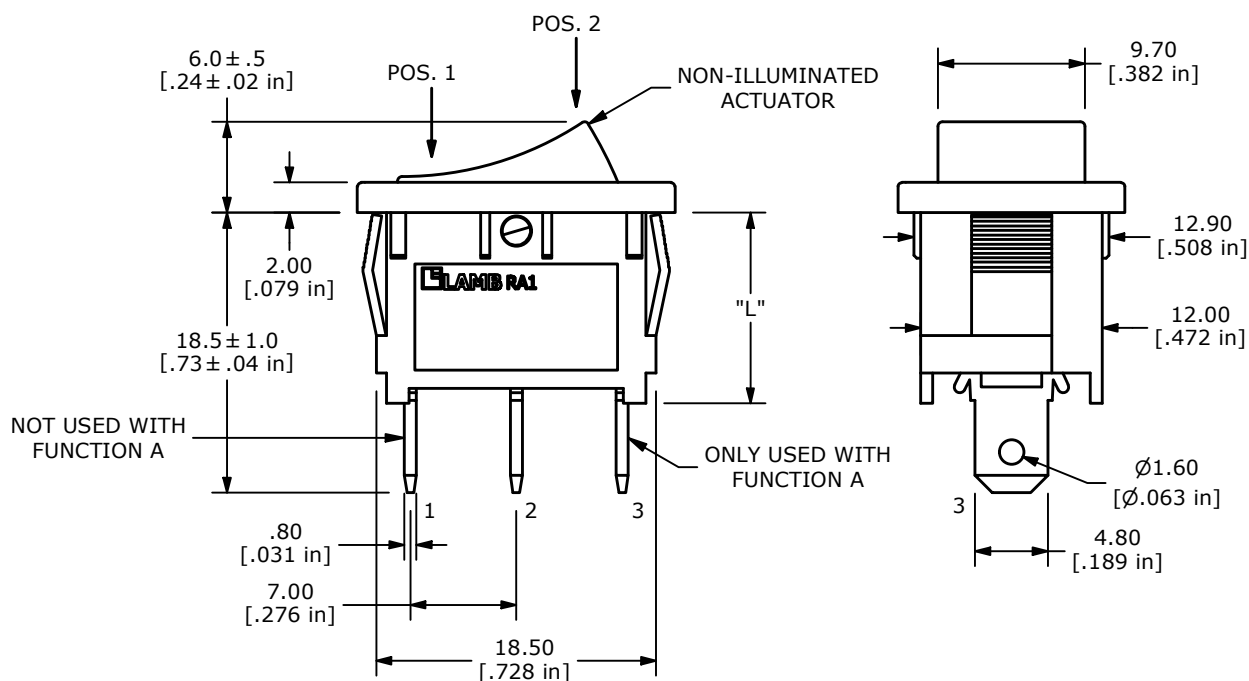
## 2 POS. NON-ILLUMINATED BODY DIMENSIONS



| SWITCH FUNCTIONS | POS. 1 | POS. 2 |
|------------------|--------|--------|
|                  |        |        |
| 1 - OFF - ON     | OPEN   | 2-1    |
| 4 - OFF - (ON)   | OPEN   | 2-1    |
| A - ON - (OFF)   | 2-3    | OPEN   |

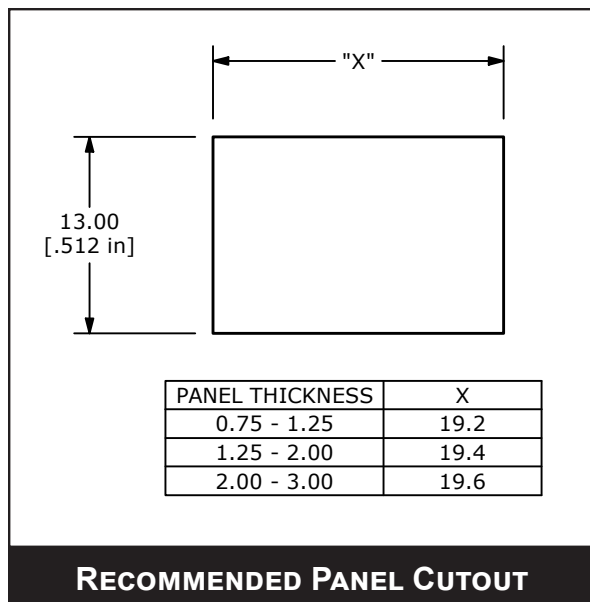
( ) = DENOTES MOMENTARY

| RATING | "L"  |
|--------|------|
| 3      | 11.6 |
| C      | 12.6 |



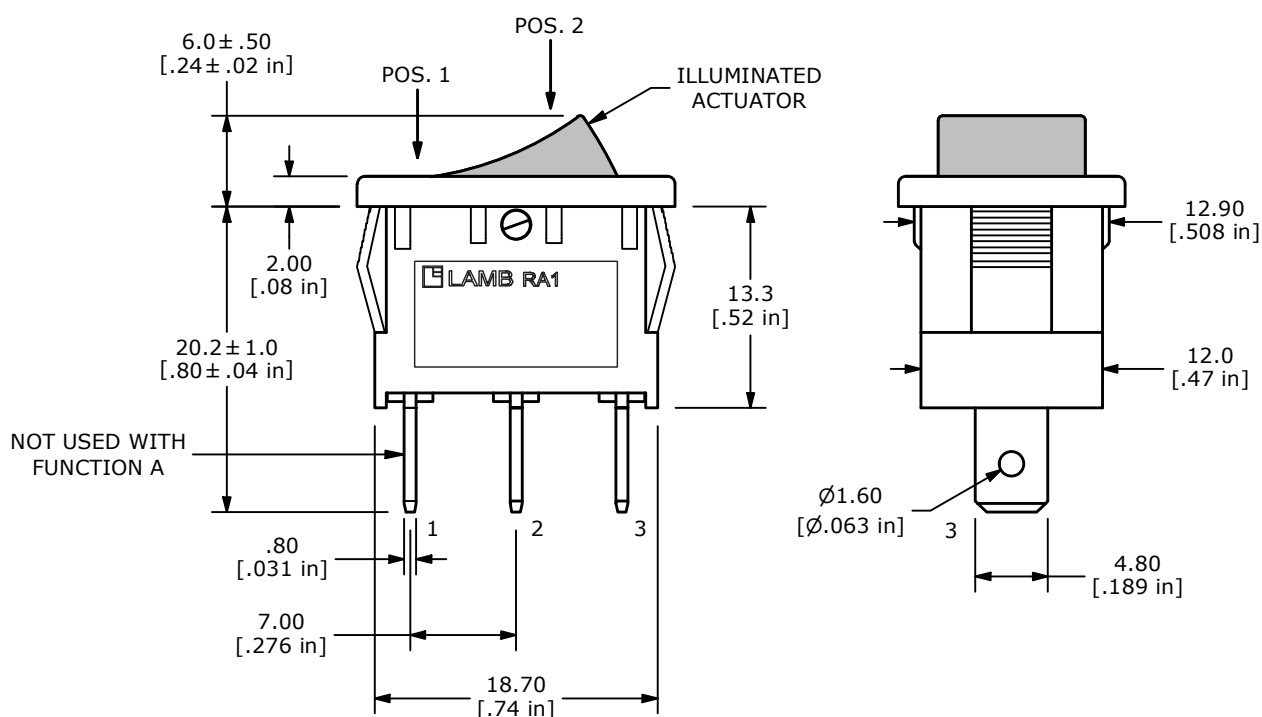
# RA1 SERIES ROCKER SWITCH

## 2 POS. ILLUMINATED BODY DIMENSIONS



| SWITCH FUNCTIONS | POS. 1 | POS. 2 |
|------------------|--------|--------|
|                  |        |        |
| 1 - OFF - ON     | OPEN   | 2-1    |
| 4 - OFF - (ON)   | OPEN   | 2-1    |
| A - ON - (OFF)   | 2-3    | OPEN   |

( ) = DENOTES MOMENTARY



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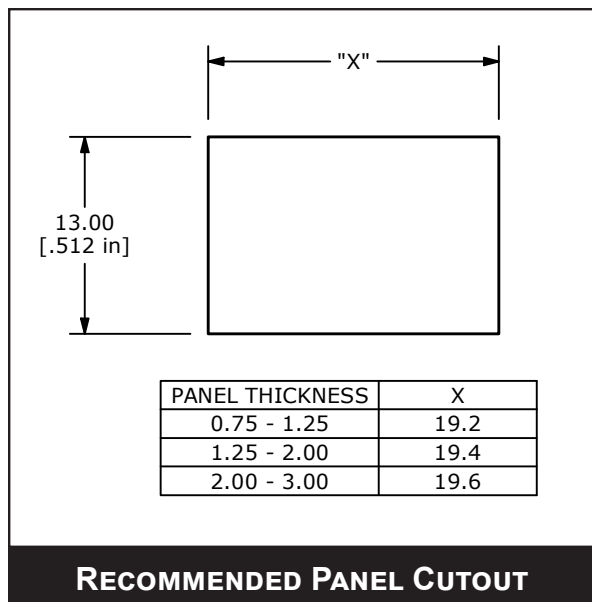
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# RA1 SERIES ROCKER SWITCH

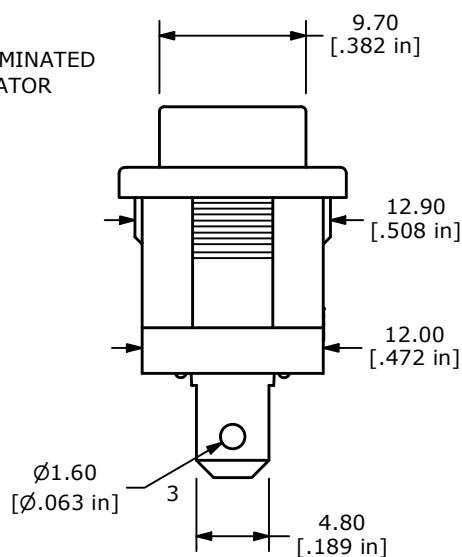
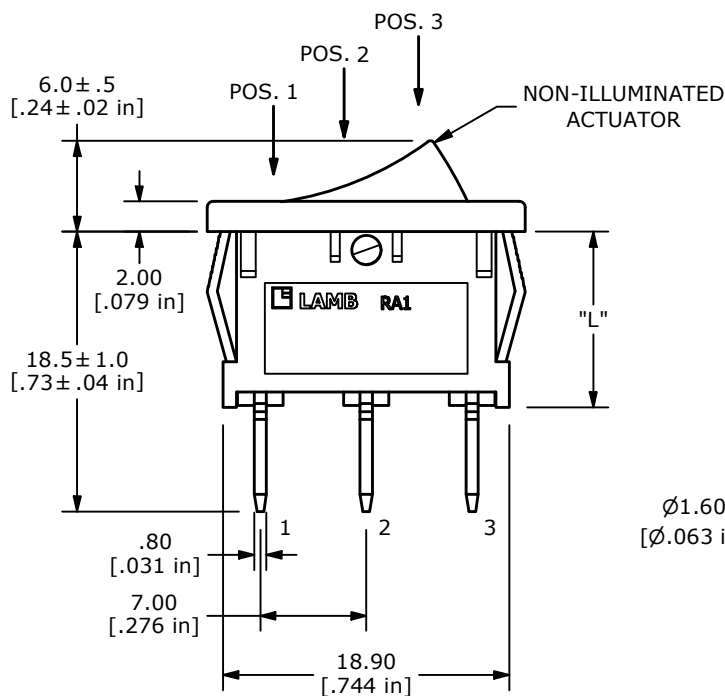
## 3 POS. NON-ILLUMINATED BODY DIMENSIONS



| SWITCH<br>FUNCTIONS | POS. 1 | POS. 2 | POS. 3 |
|---------------------|--------|--------|--------|
|                     |        |        |        |
| 5 - ON-OFF-ON       | 2-3    | OPEN   | 2-1    |
| C - ON-OFF-(ON)     | 2-3    | OPEN   | 2-1    |

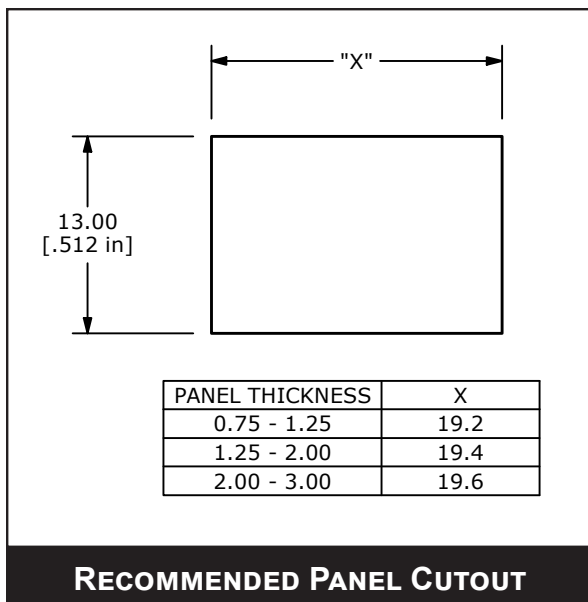
( ) = DENOTES MOMENTARY

| RATING | "L"  |
|--------|------|
| 3      | 11.6 |
| C      | 12.6 |



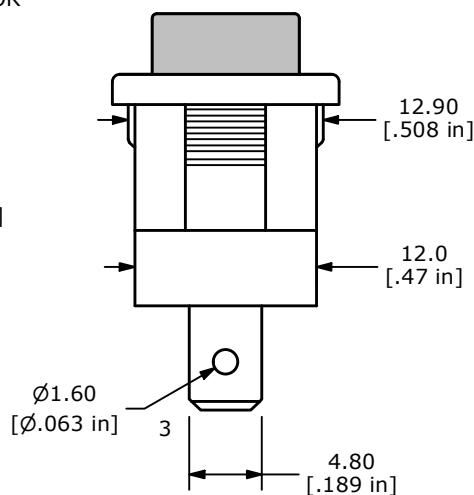
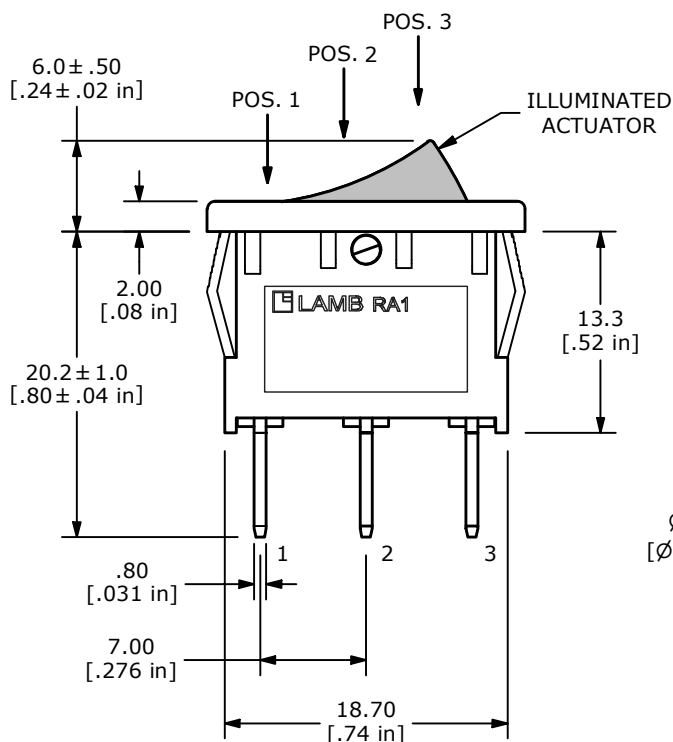
# RA1 SERIES ROCKER SWITCH

## 3 POS. ILLUMINATED BODY DIMENSIONS



| SWITCH FUNCTIONS | POS. 1 | POS. 2 | POS. 3 |
|------------------|--------|--------|--------|
|                  |        |        |        |
| 5 - ON-OFF-ON    | 2-3    | OPEN   | 2-1    |
| C - ON-OFF-(ON)  | 2-3    | OPEN   | 2-1    |

( ) = DENOTES MOMENTARY



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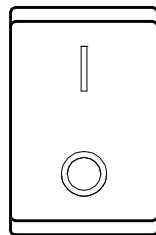
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# RA1 SERIES ROCKER SWITCH

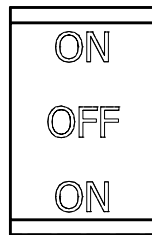
## MARKING TYPE



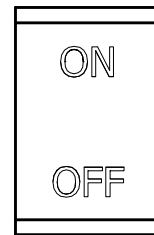
0 - NONE



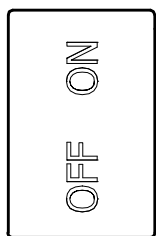
1 - I/O  
VERTICAL



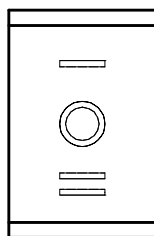
2 - ON/OFF/ON  
VERTICAL



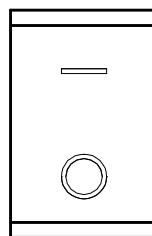
3 - ON-OFF  
VERTICAL



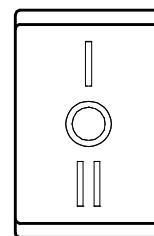
4 - ON-OFF  
HORIZONTAL



9 - I/O/II  
HORIZONTAL



R - I/O  
HORIZONTAL



S - I/O/II  
VERTICAL

ANTI-VANDAL  
SWITCHES

DETECTOR  
SWITCHES

DIP  
SWITCHES

KEYLOCK  
SWITCHES

NAVIGATION  
SWITCHES

PUSHBUTTON  
SWITCHES

ROCKER  
SWITCHES

ROTARY  
SWITCHES

SLIDE  
SWITCHES

SNAP ACTION  
SWITCHES

TACTILE  
SWITCHES

TOGGLE  
SWITCHES

CAP  
OPTIONS



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