

## 622/632-Series Miniature Rocker Switches



A high powered offering packed into a compact sized envelope, the 622/632-Series is a staple of the Appliance, Food Service, Transportation, and General Purpose markets. The silver-alloy butt contacts will handle inrush spikes up to 125 amps and steady state current to 16A 125VAC. The lighted 632-Series features a multitude of illumination circuit options available with LED, incandescent and neon style lamps.

### Dielectric Strength

UL/CSA: 1000V - live to dead metal parts & opposite polarity

### Electrical Life

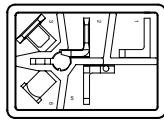
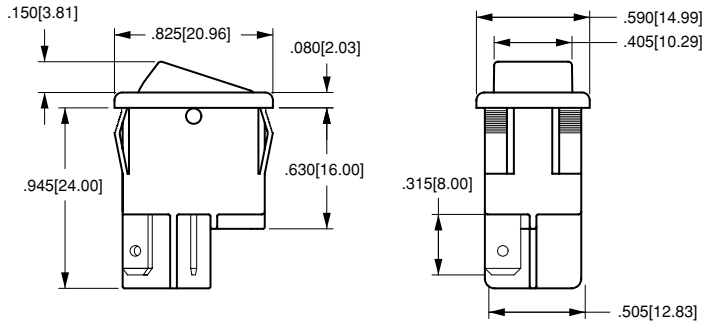
50,000 cycles

### Mechanical Life

100,000 cycles

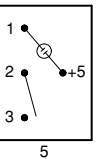
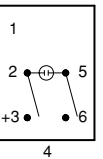
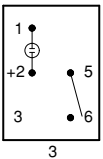
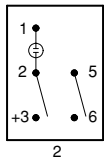
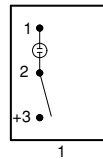
### Operating Temperature

32°F to 185°F (0°C to 85°C)

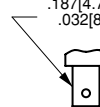
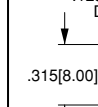


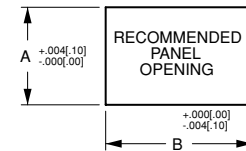
BOTTOM VIEW OF  
TERMINAL ARRANGEMENT

632 SCHEMATIC



UNBALLASTED

|                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |
| .187 TAB (Q.C)                                                                      | .187 SOLDER LUG                                                                     |
| TERMINAL TYPE                                                                       |                                                                                     |



| PANEL THICKNESS       | A           | B           |
|-----------------------|-------------|-------------|
| .030[.76]-.050[1.27]  | .508[12.90] | .756[19.20] |
| .050[1.27]-.078[1.98] | .508[12.90] | .764[19.40] |
| .078[1.98]-.125[3.17] | .508[12.90] | .780[19.81] |

**632121 - 1 B - K N**

1 Base Part Number

2 Actuator Color\*

3 Base Color

4 Lamp\*

5 Legend

### 1 BASE PART NUMBER: SERIES/CIRCUITRY/RATING<sup>2</sup>/TERMINATION

8A 250VAC; 12A 125VAC; 1/2 HP 125-250VAC

622-SERIES NON-ILLUMINATED ROCKER

ON-NONE-OFF (Single Pole)

ON-NONE-OFF (Double Pole)

### 632-SERIES ILLUMINATED ROCKER

ON-NONE-OFF (Single Pole, dependent lamp) schematic 1

ON-NONE-OFF (Single Pole, independent lamp) schematic 3

ON-NONE-OFF (Single Pole, independent lamp unballasted) schematic 5

ON-NONE-OFF (Double Pole, dependent lamp w/ 5 terms.) schematic 2

ON-NONE-OFF (Double Pole, dependent lamp w/ 4 terms.) schematic 4

Solder Lugs

622121

622221

632121

632321

632521

632221

632421

.187 Tabs

622122

622222

632122

632322

632522

632222

632422

### 2 ACTUATOR COLOR\*

622 (non illuminated)

B black

W white

632 (illuminated)

1 clear amber

2 clear red

3 clear blue<sup>3</sup>

4 clear green

5 clear

### 4 LAMP VOLTAGE/STYLE\*

N 622 (non illuminated)

1 unballasted LED

2 6V LED

3 12V LED

4 24V LED

A 6V incandescent

C 12V incandescent

E 18V incandescent

H 24V incandescent

J 125V neon

K 250V neon

### 3 BASE COLOR\*

B black

W white

### 5 ROCKER LEGEND

NO LEGEND

OFF-ON vertical

OFF-ON horizontal

I-O horizontal

I-O vertical

O on rocker radius

hot stamp

N

A

B

D

E

F

### NOTES

- For all incandescent or LED lamps specify 5 in 5th digit of part number. Example 632151-1B-CN
- 10A 250VAC, 16A 125 VAC rating available for select single pole circuits, consult factory for details.
- Available with incandescent lamps only.
- Additional colors available. Consult factory for details.