

# 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. With its silver-alloy butt contacts, the 622/632 will handle inrush spikes up to 125 amps and steady state current to 12A 125VAC. The lighted 632-Series features a multitude of illumination circuit options available with LED, incandescent and neon style lamps.



**Carling Technologies®**

Innovative Designs. Powerful Solutions.

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**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)

**632121****- 1****B****- K****N**

1  
Base Part Number

2  
Actuator  
Color

3  
Base  
Color

4  
Lamp

5  
Legend

**BASE PART NUMBER: SERIES/CIRCUITRY/RATING/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**

.187 Tabs

**622122**

**622222**

**632121**

**632321**

**632521**

**632221**

**632421**

**632122**

**632322**

**632522**

**632222**

**632422**

**3 ACTUATOR COLOR<sup>3</sup>**

**622 (non illuminated)**

**B** Black  
**W** White

**632 (illuminated)**

**1** Clear Amber  
**2** Clear Red  
**3** Clear Blue<sup>2</sup>  
**4** Clear Green  
**5** Clear

**4 LAMP VOLTAGE/STYLE<sup>1</sup>**

**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<sup>3</sup>**

**B** Black

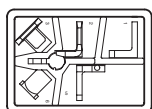
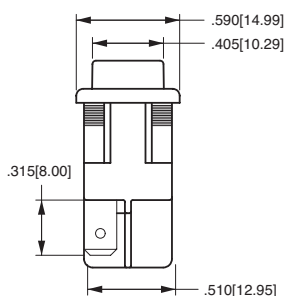
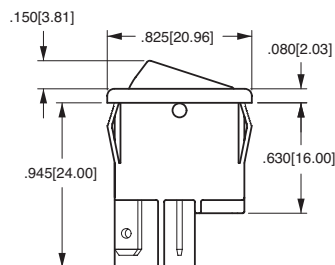
**W** White

**5 ROCKER LEGEND**

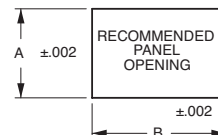
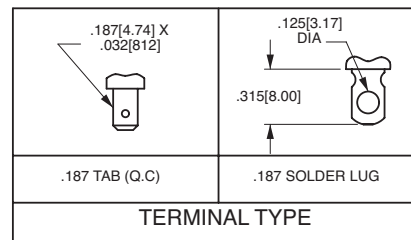
**N** NO Legend  
**A** OFF-ON vertical  
**B** OFF-ON horizontal  
**D** I-O horizontal  
**E** I-O vertical  
**F** O on rocker radius

**Notes:**

- For all incandescent or LED lamps specify 5 in 5th digit of part number. Example 632151-1B-CN
- Available with incandescent lamps only.
- Additional colors available. Consult factory for details.



BOTTOM VIEW OF  
TERMINAL ARRANGEMENT



| PANEL THICKNESS       | A           | B           |
|-----------------------|-------------|-------------|
| .030[.76]-.050[1.27]  | .519[13.18] | .756[19.20] |
| .050[1.27]-.078[1.98] | .519[13.18] | .762[19.35] |
| .078[1.98]-.125[3.17] | .519[13.18] | .778[19.76] |