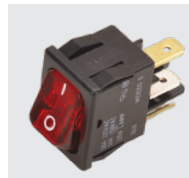


# 622/632-Series

## SMALL-SIZED ROCKER SWITCHES

A high powered offering packed into a small-sized envelope, the 622/632-Series is a staple of numerous markets. With its silver-alloy butt contacts, the 622/632 will handle inrush spikes up to 100 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.



### Product Highlights:

- Illuminated or Non-Illuminated
- Silver Plated Butt contacts that handle high Inrush spikes
- Independent or Dependent lamp circuitry
- Industry standard size mounting hole

### Typical Applications:

- Appliance
- Food Service
- Transportation
- General Purpose



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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

**Operating Temperature**

32°F to 185°F (0°C to 85°C)

**632121 - 1 B - K N**

<sup>1</sup>  
Base Part Number

<sup>2</sup>  
Actuator  
Color

<sup>3</sup>  
Base  
Color

<sup>4</sup>  
Lamp

<sup>5</sup>  
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 with 5 terms.) schematic 2

ON-none-OFF (Double Pole, dependent lamp with 4 terms.) schematic 4

Solder Lugs

**622121**

**622221**

.187 Tabs

**622122**

**622222**

**632121**

**632321**

**632521**

**632221**

**632421**

**632122**

**632322**

**632522**

**632222**

**632422**

**2 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

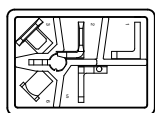
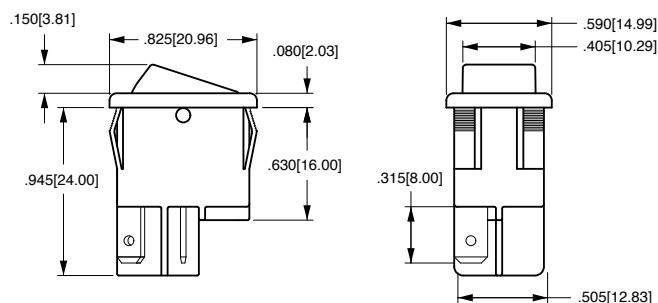
**W** White

**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

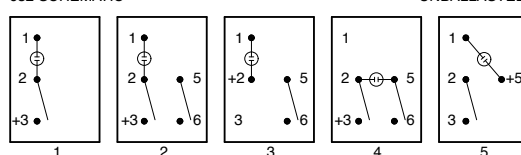
**Notes:**

- 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.

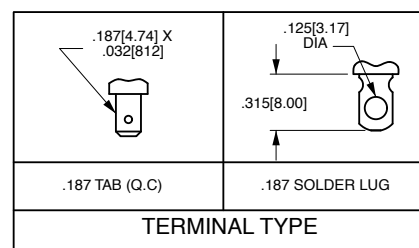


**BOTTOM VIEW OF  
TERMINAL ARRANGEMENT**

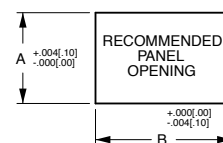
**632 SCHEMATIC**



**UNBALLASTED**



**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] |

\*Manufacturer reserves the right to change product specification without prior notice.



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Founded in 1920, Carling Technologies is a leading manufacturer of electrical and electronic switches and assemblies, circuit breakers, electronic controls, power distribution units, and multiplexed power distribution systems. With four ISO9001 and IATF16949 registered manufacturing facilities and technical sales offices worldwide, Carling Technologies Sales, Service and Engineering teams do much more than manufacture electrical components, they engineer powerful solutions! To learn more about Carling please visit [www.carlingtech.com/company-profile](http://www.carlingtech.com/company-profile).

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