

# 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

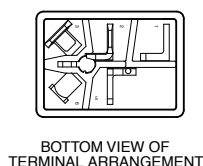
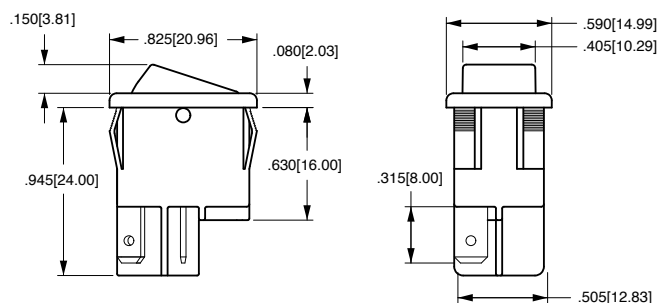
Notes:

1 For all incandescent or LED lamps specify 5 in 5th digit of part number.

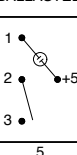
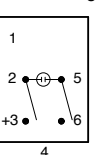
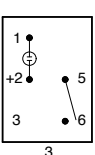
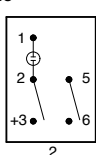
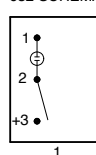
Example 632151-1B-CN

2 Available with incandescent lamps only.

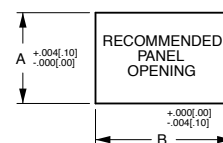
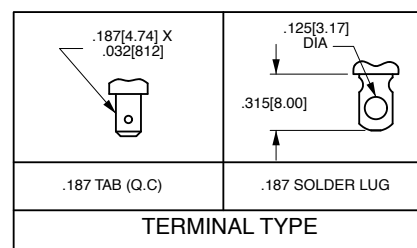
3 Additional colors available. Consult factory for details.



632 SCHEMATIC



UNBALLASTED



| 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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