

# 622/632

## 622/623-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



### 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**

<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 .187 Tabs

622121 622122  
622221 622222

632121 632122  
632321 632322  
632521 632522  
632221 632222  
632421 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

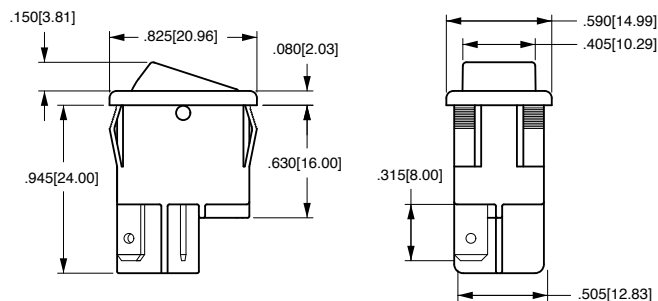
W White

#### 5 ROCKER LEGEND

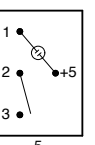
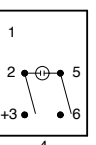
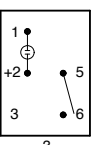
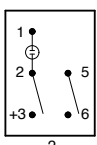
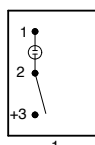
N NO Legend  
A OFF-ON vertical  
B OFF-ON horizontal  
D I-O horizontal  
E I-O vertical  
F O on rocker radius

Notes:

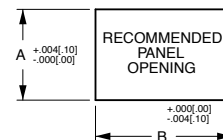
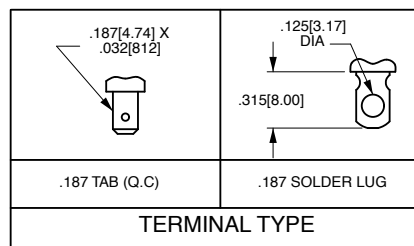
- For all incandescent or LED lamps specify 5 in 5th digit of part number. Example 632151-1B-CN
- Available with incandescent lamps only.
- Additional colors available. Consult factory for details.



#### 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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