

# 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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Carling Technologies, Inc.  
60 Johnson Avenue • Plainville, CT 06062-1177  
Phone: (860) 793-9281 • Fax: (860) 793-9231  
Email: [sales@carlingtech.com](mailto:sales@carlingtech.com) • [www.carlingtech.com](http://www.carlingtech.com)

**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

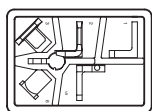
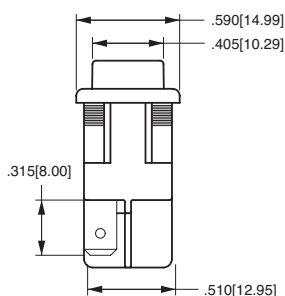
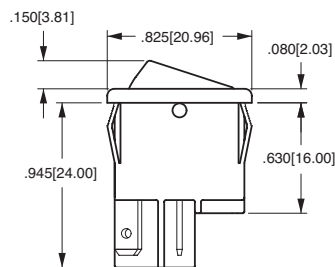
W White

**5 ROCKER LEGEND**

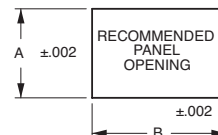
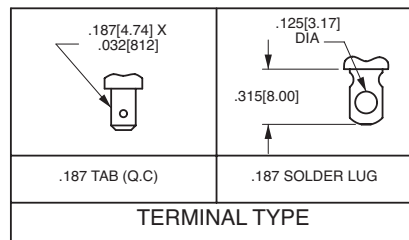
N NO Legend  
A OFF-ON vertical  
B OFF-ON horizontal  
D I-O horizontal  
E I-O vertical  
F O on rocker radius

**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] |