

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

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 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 COLOR³

622 (non illuminated)

B Black
W White

632 (illuminated)

1 Clear Amber
2 Clear Red
3 Clear Blue²
4 Clear Green
5 Clear

4 LAMP VOLTAGE / STYLE¹

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 COLOR³

B Black

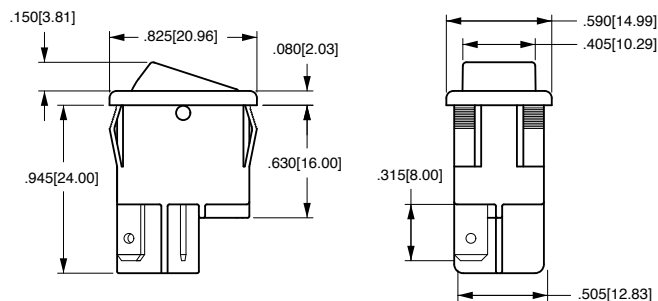
W White

5 ROCKER LEGEND

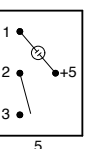
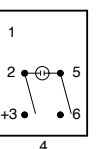
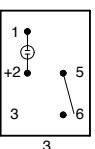
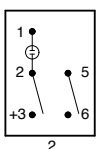
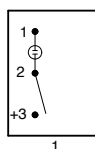
N NO Legend
A OFF-ON vertical
B OFF-ON horizontal
D I-O horizontal
E I-O vertical
F O on rocker radius

Notes:

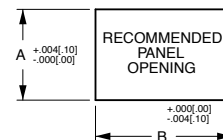
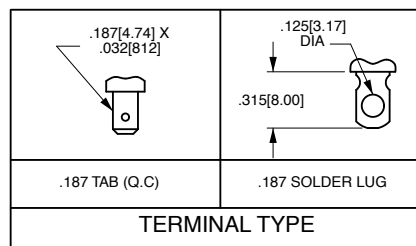
- For all incandescent or LED lamps specify 5 in 5th digit of part number. Example 632151-1B-CN
- Available with incandescent lamps only.
- Additional colors available. Consult factory for details.



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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