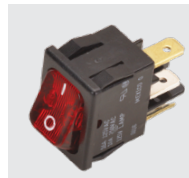


622/632-Series

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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Email: sales@carlingtech.com
Application Support: team2@carlingtech.com
Phone: 860.793.9281 Fax: 860.793.9231

www.carlingtech.com

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

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

622121

622221

.187 Tabs

622122

622222

632121

632321

632521

632221

632421

632122

632322

632522

632222

632422

2 ACTUATOR COLOR ³

622 (non illuminated)

B Black

W White

632 (illuminated)

1 Clear Amber

2 Clear Red

3 Clear Blue ²

4 Clear Green

5 Clear

4 LAMP VOLTAGE / STYLE ¹

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 ³

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

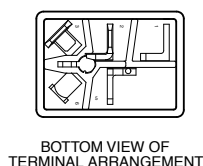
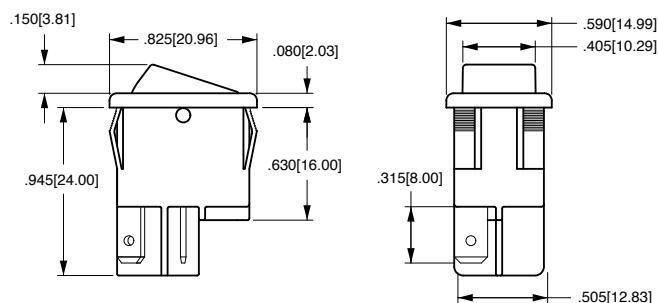
Notes:

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

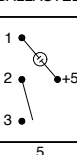
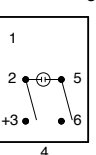
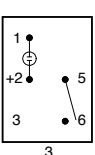
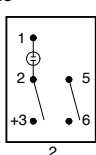
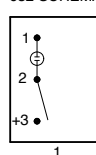
Example 632151-1B-CN

2 Available with incandescent lamps only.

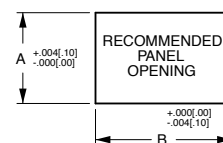
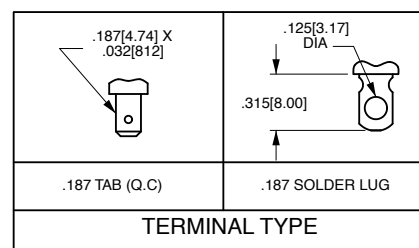
3 Additional colors available. Consult factory for details.



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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To view all of Carling's environmental, quality, health & safety certifications please visit www.carlingtech.com/environmental-certifications

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