

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



Carling Technologies®
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

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

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

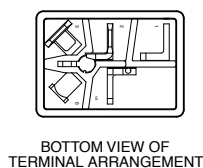
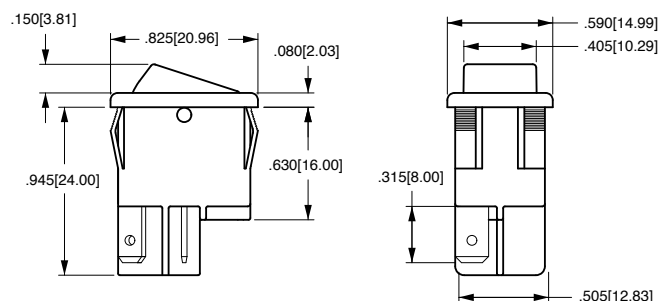
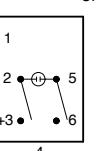
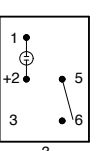
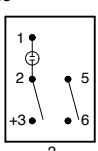
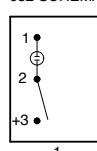
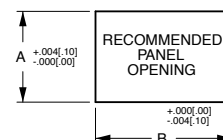
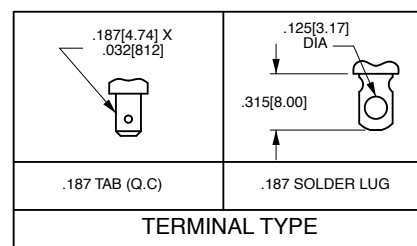
W White

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:

- 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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Founded in 1920, Carling Technologies is a leading manufacturer of electrical and electronic switches and assemblies, circuit breakers, electronic controls, power distribution units, and multiplexed power distribution systems. With four ISO registered manufacturing facilities and technical sales offices worldwide, Carling Technologies Sales, Service and Engineering teams do much more than manufacture electrical components, they engineer powerful solutions! To learn more about Carling please visit www.carlingtech.com/company-profile.

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