

# 651/652-Series

## SMALL-SIZED ROCKER SWITCHES

This switch is ideal for applications with back panel size constraints. It fits in a standard rectangular cutout and is designed to provide ease of insertion along with superior panel retention qualities. A high profile rocker and butt-action contacts provide the user with a crisp positive-type feel and electrical ratings to 12A 125VAC 10A 250VAC. A variety of ratings, circuitry and termination choices will appeal to many market segments.



### Product Highlights:

- ♦ Ratings to 12A 125VAC, 6A 250VAC
- ♦ Suitable for low voltage 12/24V DC
- ♦ Solid or 2 color visi-rocker options
- ♦ 5 choices of termination

### Typical Applications:

- ♦ Handheld Appliance
- ♦ Audio-Visual
- ♦ Power Supplies



**Carling Technologies®**  
Innovative Designs. Powerful Solutions.

**Carling Technologies, Inc.**  
60 Johnson Avenue, Plainville, CT 06062  
Email: [sales@carlingtech.com](mailto:sales@carlingtech.com)  
Application Support: [team2@carlingtech.com](mailto:team2@carlingtech.com)  
Phone: 860.793.9281 Fax: 860.793.9231

[www.carlingtech.com](http://www.carlingtech.com)

**Dielectric Strength**

UL/CSA:  
1000V-live to dead metal parts

**Electrical Life**

100,000 cycles- maintained  
50,000 cycles- momentary  
50,000 cycles- T-rating

**Mechanical Life**

100,000 cycles

**Operating Temperature**

32°F to 185°F (0°C to 85°C)

**651**

<sup>1</sup>  
Series

**122**

<sup>2</sup>  
Circuit/Rating/  
Termination

**B**

<sup>3</sup>  
Actuator  
Color

**B**

<sup>4</sup>  
Base Color

**A**

<sup>5</sup>  
Legend

**N**

<sup>6</sup>  
Visi-Rocker End/  
Legend Color

**1 SERIES**

**651** Matte Finish

**652** Gloss Finish

**2 CIRCUITRY / RATING / TERMINATION**

**10A 250VAC, 10A 125VAC, 1/4 HP, 125-250 VAC**

|               | .187<br>Solder Lugs    | .187<br>Tabs | PC<br>Terms | PC<br>Rt. Angle | Wire<br>Leads |
|---------------|------------------------|--------------|-------------|-----------------|---------------|
| ON-NONE-OFF   | <b>121</b>             | <b>122</b>   | <b>123</b>  | <b>124</b>      | <b>125</b>    |
| (ON)-NONE-OFF | <b>261<sup>1</sup></b> | <b>262</b>   | <b>263</b>  | <b>264</b>      | <b>265</b>    |
| ON-NONE-(OFF) | <b>361<sup>1</sup></b> | <b>362</b>   | <b>363</b>  | <b>364</b>      | <b>365</b>    |
| ON-NONE-ON    | <b>421</b>             | <b>422</b>   | <b>423</b>  | <b>424</b>      | <b>425</b>    |
| ON-NONE-(ON)  | <b>561<sup>1</sup></b> | <b>562</b>   | <b>563</b>  | <b>564</b>      | <b>565</b>    |
| ON-OFF-ON     | <b>681<sup>2</sup></b> | <b>682</b>   | <b>683</b>  | <b>684</b>      | <b>686</b>    |
| ON-OFF-(ON)   | <b>781<sup>2</sup></b> | <b>782</b>   | <b>783</b>  | <b>784</b>      | <b>785</b>    |
| (ON)-OFF-(ON) | <b>881<sup>2</sup></b> | <b>882</b>   | <b>883</b>  | <b>884</b>      | <b>885</b>    |

**3 ACTUATOR COLOR**

**B** Black

**W** White

**4 BASE COLOR**

**B** Black

**W** White

**5 ROCKER LEGEND**

|                   | molded in <sup>4</sup> | hot stamp |
|-------------------|------------------------|-----------|
| NO LEGEND         | <b>0</b>               | <b>0</b>  |
| Off-On vertical   | <b>1</b>               | <b>A</b>  |
| Off-On horizontal | <b>—</b>               | <b>B</b>  |
| I-O horizontal    | <b>8</b>               | <b>D</b>  |
| I-O vertical      | <b>9</b>               | <b>E</b>  |
| O on rocker end   | <b>—</b>               | <b>F</b>  |
| II-O-I vertical   | <b>—</b>               | <b>G</b>  |
| II-O-I horizontal | <b>—</b>               | <b>H</b>  |

**6 VISI-ROCKER END / LEGEND COLOR**

**N** N/A  
**B** Black  
**V** Visi-red  
**W** White

**Notes:**

Additional ratings (including 14V T) & color options are available; Consult factory.

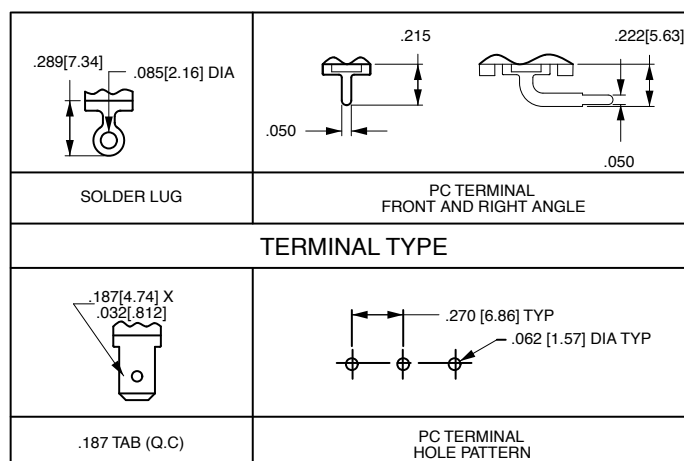
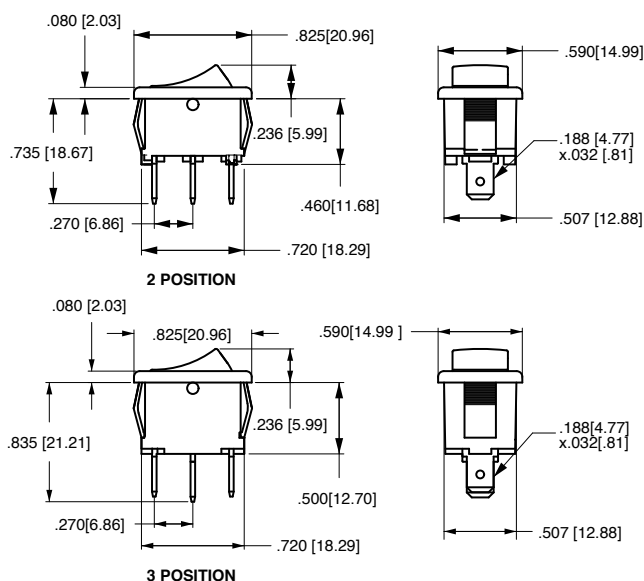
<sup>1</sup> Rated 12A 125VAC, 6A 250 VAC, 1/4HP 125-250VAC.

<sup>2</sup> Rated 8A 125-250VAC, 1/4HP 125-250VAC.

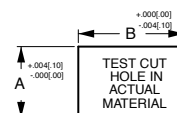
<sup>3</sup> Additional colors available. Consult factory for details.

<sup>4</sup> Available with Visi-Rocker option only.

( ) Indicates momentary function.

**RECOMMENDED  
PANEL  
OPENING**

| 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.

## Authorized Sales Representatives and Distributors

Click on a region of the map below to find your local representatives and distributors or visit [www.carlingtech.com/findarep](http://www.carlingtech.com/findarep).



## About Carling

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](http://www.carlingtech.com/company-profile).

To view all of Carling's environmental, quality, health & safety certifications please visit [www.carlingtech.com/environmental-certifications](http://www.carlingtech.com/environmental-certifications)

### **Worldwide Headquarters**

Carling Technologies, Inc.  
60 Johnson Avenue, Plainville, CT 06062  
**Phone:** 860.793.9281 **Fax:** 860.793.9231  
**Email:** sales@carlingtech.com

**Northern Region Sales Office:** nrsm@carlingtech.com  
**Southeast Region Sales Office:** sersm@carlingtech.com  
**Midwest Region Sales Office:** mrsm@carlingtech.com  
**West Region Sales Office:** wrsm@carlingtech.com  
**Latin America Sales Office:** larsm@carlingtech.com

### **Asia-Pacific Headquarters**

Carling Technologies, Asia-Pacific Ltd.,  
Suite 1607, 16/F Tower 2, The Gateway,  
Harbour City, 25 Canton Road,  
Tsimshatsui, Kowloon, Hong Kong  
**Phone:** Int + 852-2737-2277 **Fax:** Int + 852-2736-9332  
**Email:** sales@carlingtech.com.hk

**Shenzhen, China:** shenzhen@carlingtech.com  
**Shanghai, China:** shanghai@carlingtech.com  
**Pune, India:** india@carlingtech.com  
**Kaohsiung, Taiwan:** taiwan@carlingtech.com  
**Yokohama, Japan:** japan@carlingtech.com

### **Europe | Middle East | Africa Headquarters**

Carling Technologies LTD  
4 Airport Business Park, Exeter Airport,  
Clyst Honiton, Exeter, Devon, EX5 2UL, UK  
**Phone:** Int + 44 1392.364422 **Fax:** Int + 44 1392.364477  
**Email:** ltd.sales@carlingtech.com

**Germany:** gmbh@carlingtech.com  
**France:** sas@carlingtech.com



**Carling Technologies®**

Innovative Designs. Powerful Solutions.