

# 651/652-Series

## Sub-Miniature Rocker Switches

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



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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

**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**

1  
Series

**122**

2  
Circuit/Rating/  
Termination

**B**

3  
Actuator  
Color

**B**

4  
Base Color

**-**

5  
Legend

**A****N**

6  
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   | 121                 | 122          | 123         | 124             | 125           |
| (ON)-NONE-OFF | 261 <sup>1</sup>    | 262          | 263         | 264             | 265           |
| ON-NONE-(OFF) | 361 <sup>1</sup>    | 362          | 363         | 364             | 365           |
| ON-NONE-ON    | 421                 | 422          | 423         | 424             | 425           |
| ON-NONE-(ON)  | 561 <sup>1</sup>    | 562          | 563         | 564             | 565           |
| ON-OFF-ON     | 681 <sup>2</sup>    | 682          | 683         | 684             | 686           |
| ON-OFF-(ON)   | 781 <sup>2</sup>    | 782          | 783         | 784             | 785           |
| (ON)-OFF-(ON) | 881 <sup>2</sup>    | 882          | 883         | 884             | 885           |

**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         | 0                      | 0         |
| Off-On vertical   | 1                      | A         |
| Off-On horizontal | —                      | B         |
| I-O horizontal    | 8                      | D         |
| I-O vertical      | 9                      | E         |
| O on rocker end   | —                      | F         |
| II-O-I vertical   | —                      | G         |
| II-O-I horizontal | —                      | H         |

**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.

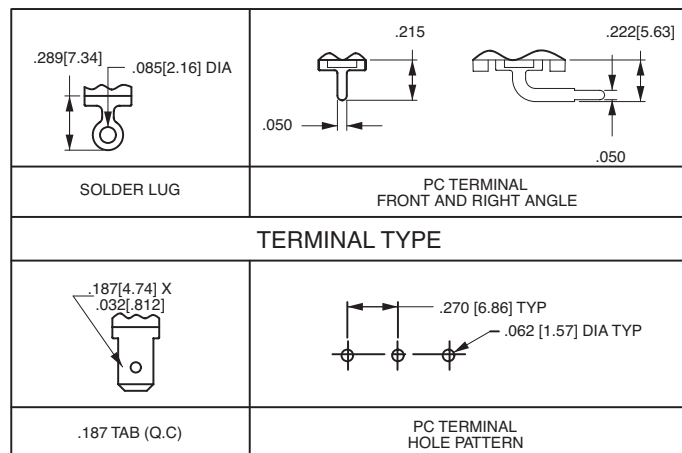
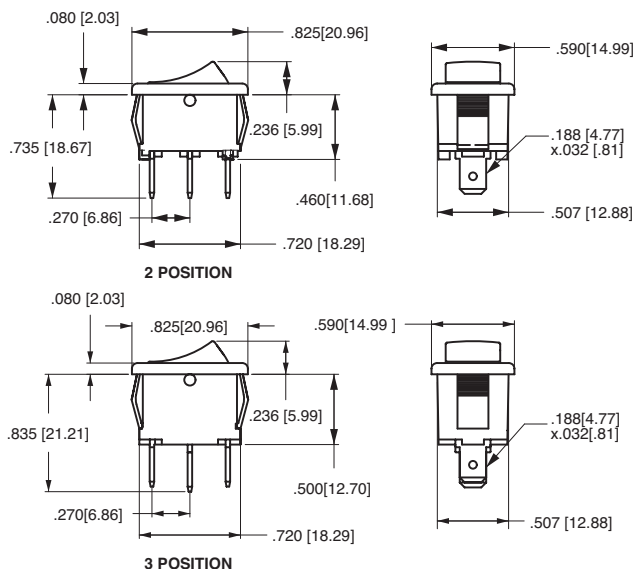
1 Rated 12A 125VAC, 6A 250 VAC, 1/4HP 125-250VAC.

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

3 Additional colors available. Consult factory for details.

4 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] |

|                                           |
|-------------------------------------------|
| TEST CUT<br>HOLE IN<br>ACTUAL<br>MATERIAL |
|-------------------------------------------|