

## 611/621-Series Single/Double Pole Rocker & Paddle Switches



The patriarch of the Carling line of sub-miniature switches has its roots deep in the Appliance, Audio Visual, Power Supply, and Telecom markets. The 611/621-Series compact size, sleek styling, actuator and termination choices make this switch a cost effective solution to most any switching need. International approvals, single or double pole circuitry, and ratings to 11A 125VAC further the broad appeal of this product family.

### Dielectric Strength

UL/CSA: 1000V - live to dead metal parts & opposite polarity  
VDE: 4000V - live to dead metal parts; 1250V - opposite polarity & across open contacts

### Electrical Life

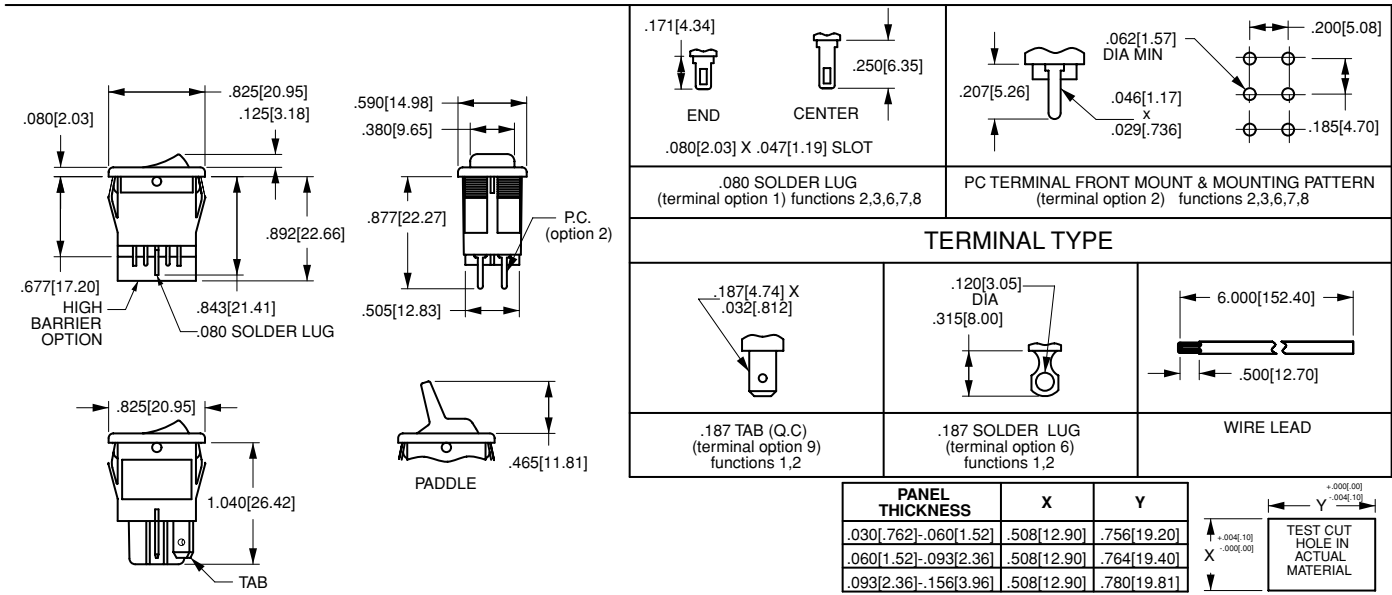
50,000 cycles- single pole  
50,000 cycles- double pole

### Mechanical Life

100,000 cycles

### Operating Temperature

32°F to 185°F (0°C to 85°C)



**62116919 - 0 - 9 - V**

1 Base Part Number<sup>1</sup>

2 Epoxy Sealing

3 Rocker Legend

4 Visi-Rocker End Color

### 1 BASE PART NUMBER: SERIES/CIRCUITRY/RATING<sup>2</sup>/TERMINATION

|                                                                   | 187 Tabs <sup>4</sup> | .080 Solder Lugs | PC Terms | Wire Leads            | PC Frt. Mount          | PC Back Mount         | .187 Solder Lugs |
|-------------------------------------------------------------------|-----------------------|------------------|----------|-----------------------|------------------------|-----------------------|------------------|
| <b>Single Pole; 4A 250VAC; 8A 125VAC; 6(4) A 250V<sup>4</sup></b> |                       |                  |          |                       |                        |                       |                  |
| ON-NONE-OFF                                                       | 62116919              | -                | -        | 62111914              | 621111918 <sup>6</sup> | 62111917 <sup>6</sup> | 62111916         |
| ON-NONE-ON                                                        | 62116929              | 62116421         | 62111422 | 62111924              | 621111828 <sup>6</sup> | 62111927 <sup>6</sup> | 62111926         |
| ON-OFF-ON <sup>3</sup>                                            | -                     | 62111461         | 62111462 | 62111263 <sup>7</sup> | -                      | -                     | -                |
| ON-NONE-(ON) <sup>3</sup>                                         | -                     | 62111431         | 62111432 | 62111233 <sup>7</sup> | -                      | -                     | -                |
| ON-OFF-(ON) <sup>3</sup>                                          | -                     | 62111471         | 62111472 | 62111273 <sup>7</sup> | -                      | -                     | -                |
| (ON)-OFF-(ON) <sup>3</sup>                                        | -                     | 62111481         | 62111482 | 62111283 <sup>7</sup> | -                      | -                     | -                |
| <b>Double Pole; 4A 250VAC; 8A 125VAC; 6(4) A 250V<sup>4</sup></b> |                       |                  |          |                       |                        |                       |                  |
| ON-NONE-OFF                                                       | 62115919              | -                | -        | 62112914              | 621122918 <sup>6</sup> | 62112917 <sup>6</sup> | 62112916         |
| ON-NONE-ON                                                        | 62115929              | 62115420         | 62112422 | 62112924              | 621122928 <sup>6</sup> | 62112927 <sup>6</sup> | 62112926         |
| ON-OFF-ON <sup>3</sup>                                            | -                     | 62112461         | 62112462 | 62112263 <sup>7</sup> | -                      | -                     | -                |
| ON-NONE-(ON) <sup>3</sup>                                         | -                     | 62112431         | 62112432 | 62112233 <sup>7</sup> | -                      | -                     | -                |
| ON-OFF-(ON) <sup>3</sup>                                          | -                     | 62112471         | 62112472 | 62112273 <sup>7</sup> | -                      | -                     | -                |
| (ON)-OFF-(ON) <sup>3</sup>                                        | -                     | 62112481         | 62112482 | 62112283 <sup>7</sup> | -                      | -                     | -                |

### 2 TERMINAL SEALING

0 none  
E epoxy sealed terminals

### 3 ROCKER LEGEND

|                    | molded in <sup>5</sup> | hot stamp        |
|--------------------|------------------------|------------------|
| NO LEGEND          | 0                      | 0                |
| OFF-ON vertical    | n/a                    | A                |
| OFF-ON horizontal  | n/a                    | B                |
| I-O horizontal     | 8                      | D                |
| I-O vertical       | 9                      | E                |
| O on rocker radius | n/a                    | F (Indicates ON) |

### 4 VISI-ROCKER END COLOR

N n/a  
V visi-red  
W visi-white

### NOTES

- Base part number specifies black rocker with black bezel. To specify paddle actuator change 2nd digit from 2 to 1. ex.: 61115919= black paddle with black bezel. For additional ratings & colors, consult factory.
- Dry circuit rating is available, consult factory.
- Not available with 6(4) A 250 V rating or VDE approval.
- 6(4)A 250V VDE approved rating available with On-none-Off and On-none-On circuits only.
- Available with visi-rocker option only.
- Consult factory for PC footprint.
- Rated 2A 250VAC, 5A 125 VAC resistive.
- ( ) Indicates momentary function.