



**Littelfuse®**



**Carling Technologies®**

A Littelfuse® Brand

# 611/621-Series

Small-Sized Rocker Switches

**PRODUCT WEBPAGE**

*request sample, configure part*



The 611/621-Series small-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.

**1-2**

Poles

**.4-11**

Amps

**125-250**

VAC

**12-24**

VDC

## Typical Applications

- Appliances
- Audio-Visual
- Power Supplies
- Medical Equipment

# Tech Specs

## 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

## Operating Temperature

32°F to 185°F (0°C to 85°C)

# Ordering Scheme

Sample Part Number 62116919 - 0 - 9 - V

Selection 1 2 3 4

### 1. SERIES

|                                                                    | .187 Tabs <sup>4</sup> | .080 Solder Lugs | PC Terms | Wire Leads            | PC Front 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              | 62111918 <sup>6</sup> | 62111917 <sup>6</sup> | 62111916         |
| ON-NONE-ON                                                         | 62116929               | 62116421         | 62111422 | 62111924              | 62111928 <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              | 62112918 <sup>6</sup> | 62112917 <sup>6</sup> | 62112916         |
| ON-NONE-ON                                                         | 62115929               | 62112421         | 62112422 | 62112924              | 62112928 <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

#### 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.

### 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

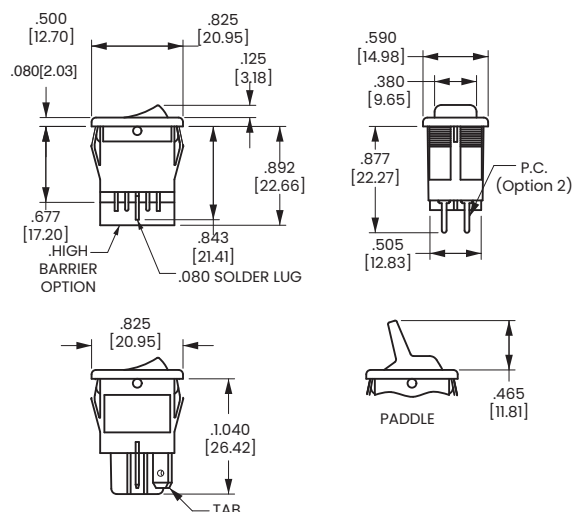
- N n/a
- V visi-red
- W visi-white

[Configure Complete Part Number >](#)

[Browse Standard Parts >](#)

# Dimensional Specs

inches [millimeters]



| <p>.171<br/>[4.34]</p> <p>END</p> <p>CENTER</p> <p>.250<br/>[6.35]</p> <p>.080[2.03] X .047[1.19] SLOT</p>                                                                                                                                                                                                              | <p>.062<br/>[1.57]<br/>DIA MIN</p> <p>.207<br/>[5.261]</p> <p>.046<br/>[1.17]<br/>X<br/>.029<br/>[.736]</p> <p>.200<br/>[5.08]</p> <p>.185<br/>[4.70]</p> |                                                   |                 |   |   |                         |             |             |                         |             |             |                         |             |             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------|---|---|-------------------------|-------------|-------------|-------------------------|-------------|-------------|-------------------------|-------------|-------------|
| <b>TERMINAL TYPE</b>                                                                                                                                                                                                                                                                                                    |                                                                                                                                                           |                                                   |                 |   |   |                         |             |             |                         |             |             |                         |             |             |
| <p>.187<br/>[4.74]<br/>X<br/>.032<br/>[.812]</p>                                                                                                                                                                                                                                                                        | <p>.120<br/>[3.05] DIA<br/>.315<br/>[8.00]</p>                                                                                                            | <p>6.000<br/>[152.40]</p> <p>.500<br/>[12.70]</p> |                 |   |   |                         |             |             |                         |             |             |                         |             |             |
| <p>.187 TAB (Q.C)<br/>(terminal option 9)<br/>Funtion 1,2</p>                                                                                                                                                                                                                                                           | <p>.187 SOLDER LUG<br/>(terminal option 6)<br/>functions 1,2</p>                                                                                          | <p>WIRE LEAD<br/>DIA MIN</p>                      |                 |   |   |                         |             |             |                         |             |             |                         |             |             |
| <table><tr><th>PANEL THICKNESS</th><th>X</th><th>Y</th></tr><tr><td>.030[.762] - .060[1.52]</td><td>.508[12.90]</td><td>.756[19.20]</td></tr><tr><td>.060[1.52] - .093[2.36]</td><td>.508[12.90]</td><td>.764[19.40]</td></tr><tr><td>.093[2.36] - .156[3.96]</td><td>.508[12.90]</td><td>.780[19.81]</td></tr></table> |                                                                                                                                                           |                                                   | PANEL THICKNESS | X | Y | .030[.762] - .060[1.52] | .508[12.90] | .756[19.20] | .060[1.52] - .093[2.36] | .508[12.90] | .764[19.40] | .093[2.36] - .156[3.96] | .508[12.90] | .780[19.81] |
| PANEL THICKNESS                                                                                                                                                                                                                                                                                                         | X                                                                                                                                                         | Y                                                 |                 |   |   |                         |             |             |                         |             |             |                         |             |             |
| .030[.762] - .060[1.52]                                                                                                                                                                                                                                                                                                 | .508[12.90]                                                                                                                                               | .756[19.20]                                       |                 |   |   |                         |             |             |                         |             |             |                         |             |             |
| .060[1.52] - .093[2.36]                                                                                                                                                                                                                                                                                                 | .508[12.90]                                                                                                                                               | .764[19.40]                                       |                 |   |   |                         |             |             |                         |             |             |                         |             |             |
| .093[2.36] - .156[3.96]                                                                                                                                                                                                                                                                                                 | .508[12.90]                                                                                                                                               | .780[19.81]                                       |                 |   |   |                         |             |             |                         |             |             |                         |             |             |
| <p>TEST CUT HOLE IN ACTUAL MATERIAL</p>                                                                                                                                                                                                                                                                                 |                                                                                                                                                           |                                                   |                 |   |   |                         |             |             |                         |             |             |                         |             |             |

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