



➔ **Product Type**  
**Miniature Rocker Switches**

➔ **Product Series**  
**611/621-Series**

The 611/621-Series subminiature rocker switches are double insulated and available in single or double pole configurations. These switches are offered in a wide range of single throw and double throw momentary and maintained circuits. They come in a variety of rocker styles and colors, terminations, and legend options. Snap-in, PC back panel, PC front panel mounting construction are available.

**Certifications**  
**Number of Poles**

UL CSA VDE  
1 & 2 pole

**Ratings**

.4VA MAX@20V  
MAX (AC/DC)

4A 250VAC  
8A 125VAC

2A 250VAC  
5A 125VAC  
RESISTIVE

4A 250VAC  
8A 125VAC  
INDUCTIVE  
6(4)A 250VAC T85

11A 125VAC H

**Dielectric Strength**

1,000 V RMS (minimum)

**Insulation Resistance**

100 megohms (minimum)

**Base Material**

Nylon

**Actuator Style**

Curved Solid Color Rocker  
Curved Two-Color Visi-Rocker  
Solid Color Paddle

**Actuator Material**

Nylon

**Terminal Options**

.187 QC Tabs  
.080 Solder Lugs  
.187 Solder Lugs  
Wire Leads  
PC Terminals

**Mounting Method**

Snap-In

**Mounting Hole Dimensions**

.508" x .756"; 12.9mm x 19.2mm

**Value Added**

Custom colors and legends available  
Wire leads with connectors

## 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

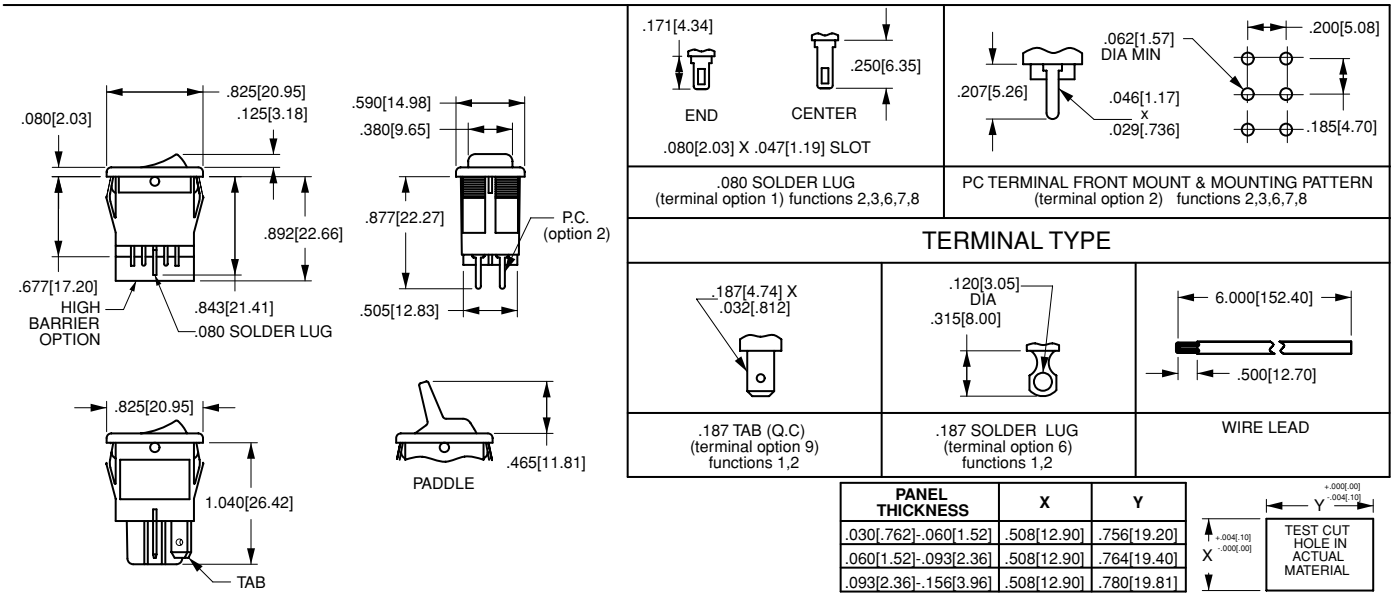
50,000 cycles- single pole  
 50,000 cycles- double pole

### 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>1</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)

- NOTES
- 1 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.
  - 2 Dry circuit rating is available, consult factory.
  - 3 Not available with 6(4) A 250 V rating or VDE approval.
  - 4 6(4)A 250V VDE approved rating available with On-none-Off and On-none-On circuits only.
  - 5 Available with visi-rocker option only.
  - 6 Consult factory for PC footprint.
  - 7 Rated 2A 250VAC, 5A 125 VAC resistive.
  - ( ) Indicates momentary function.

4 VISI-ROCKER END COLOR	
N	n/a
V	visi-red
W	visi-white