



➔ **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

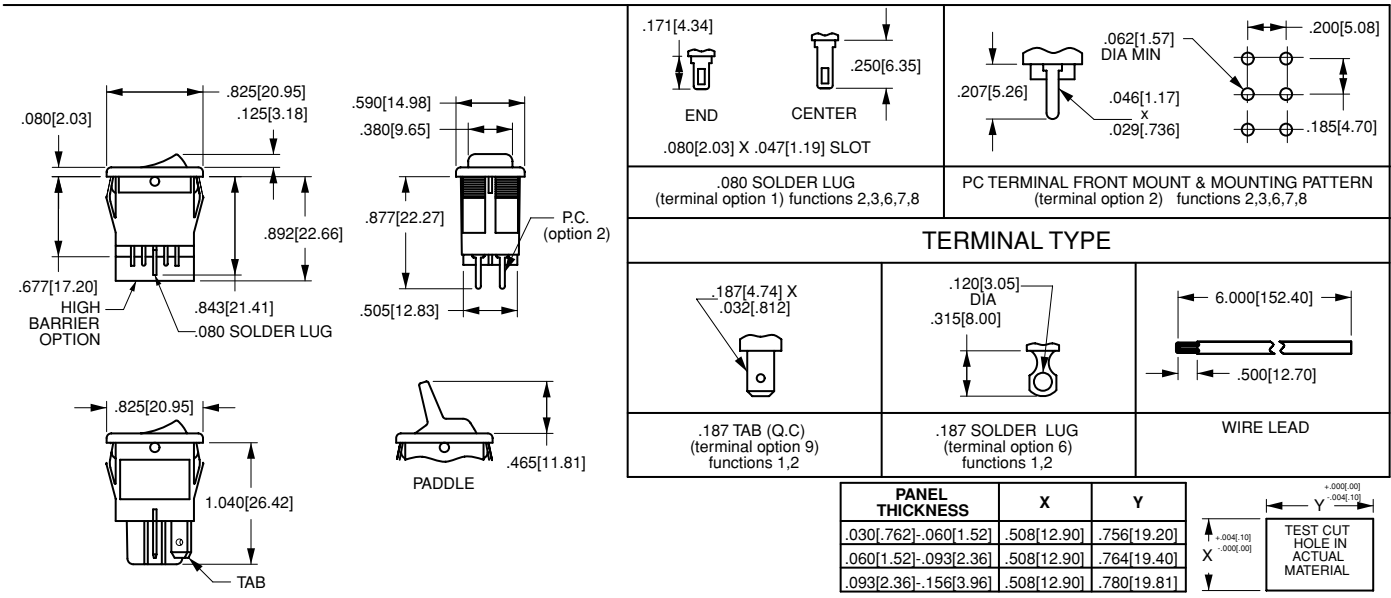
50,000 cycles- single pole
 50,000 cycles- double pole

Mechanical Life

100,000 cycles

Operating Temperature

32°F to 185°F (0°C to 85°C)



62116919 - 0 - 9 - V

1 Base Part Number¹ 2 Epoxy Sealing 3 Rocker Legend 4 Visi-Rocker End Color

1 BASE PART NUMBER: SERIES/CIRCUITRY/RATING ² /TERMINATION	187 Tabs ¹	.080 Solder Lugs	PC Terms	Wire Leads	PC Frt. Mount	PC Back Mount	.187 Solder Lugs
Single Pole; 4A 250VAC; 8A 125VAC; 6(4) A 250V⁴							
ON-NONE-OFF	62116919	-	-	62111914	621111918 ⁶	62111917 ⁶	62111916
ON-NONE-ON	62116929	62116421	62111422	62111924	621111828 ⁶	62111927 ⁶	62111926
ON-OFF-ON ³	-	62111461	62111462	62111263 ⁷	-	-	-
ON-NONE-(ON) ³	-	62111431	62111432	62111233 ⁷	-	-	-
ON-OFF-(ON) ³	-	62111471	62111472	62111273 ⁷	-	-	-
(ON)-OFF-(ON) ³	-	62111481	62111482	62111283 ⁷	-	-	-
Double Pole; 4A 250VAC; 8A 125VAC; 6(4) A 250V⁴							
ON-NONE-OFF	62115919	-	-	62112914	621122918 ⁶	62112917 ⁶	62112916
ON-NONE-ON	62115929	62115420	62112422	62112924	621122928 ⁶	62112927 ⁶	62112926
ON-OFF-ON ³	-	62112461	62112462	62112263 ⁷	-	-	-
ON-NONE-(ON) ³	-	62112431	62112432	62112233 ⁷	-	-	-
ON-OFF-(ON) ³	-	62112471	62112472	62112273 ⁷	-	-	-
(ON)-OFF-(ON) ³	-	62112481	62112482	62112283 ⁷	-	-	-

2 TERMINAL SEALING	
0	none
E	epoxy sealed terminals

3 ROCKER LEGEND		
	molded in ⁵	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