# CL Series Single Pole Power Rocker Switches

### Features/Benefits

- Illuminated versions available
- Positive detent
- Snap-in mounting

### **Typical Applications**

- Floor care products
- Power outlet strips
- HVAC units
- RoHS compliant





## **Specifications**

CONTACT RATING:

16 AMPS @ 125 VAC, 1/3 HP; 10 AMPS @ 250 VAC, 1/2 HP.

ELECTRICAL LIFE: 10,000 make and break cycles at full load.

INSULATION RESISTANCE:  $10^8 \Omega$  min.

DIELECTRIC STRENGTH: 1,500 VRMS @ sea level. OPERATING TEMPERATURE: -20°C to +80°C

### **Materials**

HOUSING AND ACTUATOR: 6/6 nylon (UL94V-2), black, matte finish.

ILLUMINATED ACTUATOR: Polycarbonate, matte finish. CENTER CONTACTS: Silver plated, copper alloy.

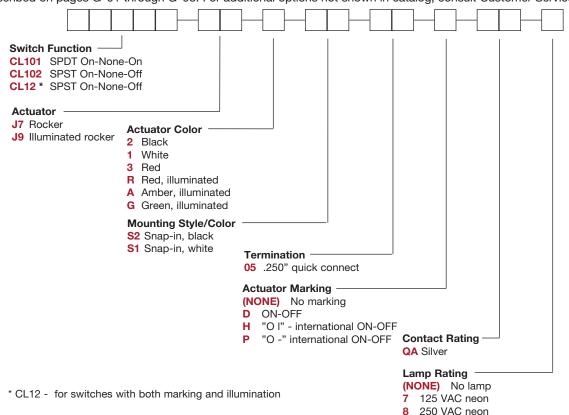
END CONTACTS: Silver plated.

ALL TERMINALS: Silver plated, copper alloy.

**NOTE**: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

### **Build-A-Switch**

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages G–91 through G–93. For additional options not shown in catalog, consult Customer Service Center.



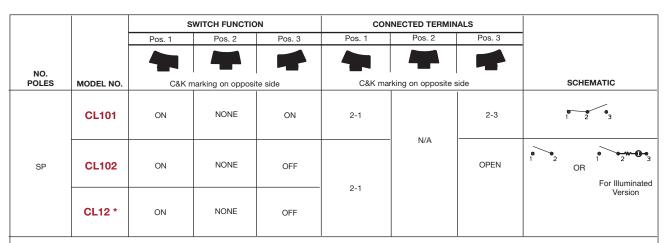




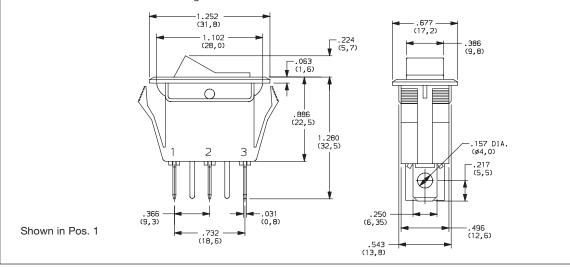
## **CL Series Single Pole Power Rocker Switches**

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## **SWITCH FUNCTION**



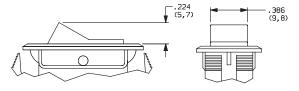
\* CL12 - for switches with both marking and illumination



### -----**ACTUATOR**

J7 ROCKER

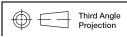
J9 ILLUMINATED ROCKER



NOTE: J9 actuator available with CL102 & CL12 switch function only.

### **ACTUATOR COLOR** <del>------</del>

OPTION CODE	ACTUATOR COLOR	
2	BLACK	
1	WHITE	
3	RED	
R	RED, ILLUMINATED	
Α	AMBER, ILLUMINATED	
G	GREEN, ILLUMINATED	

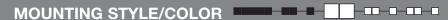


Dimensions are shown: Inches (mm) Specifications and dimensions subject to change



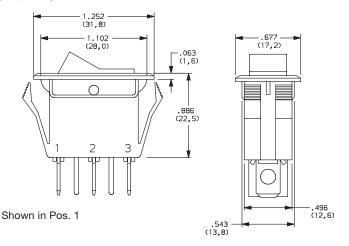
# **CL Series**

## **Single Pole Power Rocker Switches**

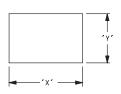


**\$2** SNAP-IN, BLACK

\$1 SNAP-IN, WHITE



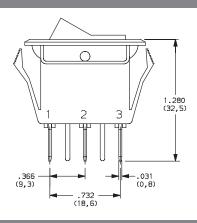
### PANEL MOUNTING

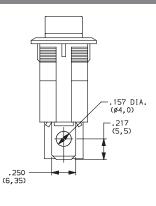


PANEL THICKNESS	"X"	"Y"
0.030-0.049 (0,75-1,25)	1.126004 (28,6-0,1)	0.551+.004 (14,0+0,1)
0.049-0.079 (1,25-2,0)	1.134004 (28,8-0,1)	0.551+.004 (14,0+0,1)
0.079-0.118 (2,0-3,0)	1.150004 (29,2-0,1)	0.551+.004 (14,0+0,1)

## TERMINATION -----

05 .250" QUICK CONNECT





Shown in Pos. 1

## ACTUATOR MARKING

**NONE** NO MARKING





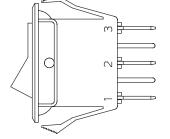


**H** 01









NOTE: Orientation of actuator marking and terminals.

Shown in Pos. 1



Third Angle Projection

Dimensions are shown: Inches (mm) Specifications and dimensions subject to change



## **CONTACT MATERIAL**

OPTION CODE	CONTACT AND TERMINAL MATERIAL	RATINGS	
QA	SILVER	POWER	16 AMPS @ 125 VAC; 1/3 HP; 10 AMPS @ 250 VAC, 1/2 HP

<sup>\*</sup> Note: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.



Single Pole Power Rocker Switches

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## **LAMP RATING**

(NONE) NO LAMP

**7** 125 VAC 33kΩ NEON

8 250 VAC 150kΩ NEON

NOTE: Lamp rating for J9 actuator option.



## **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## **C&K Switches:**

CL103J72S205QA CL101J71S205QA CL101J72S205QA CL102J9GS205QA7 CL102J71S205PQA CL102J72S205HQA CL102J72S205PQA CL102J9RS205QA7 CL102J72S205DQA CL102J71S205QA CL102J71S205QA CL102J71S205QA CL102J71S205QA