

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## **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



#### r**FL**°us

#### **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.

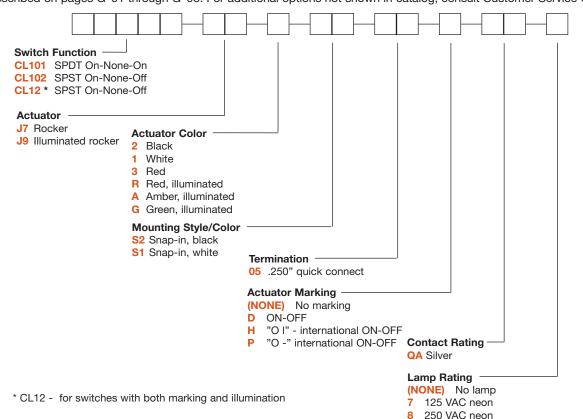
END CONTACTS: Silver plated.

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.



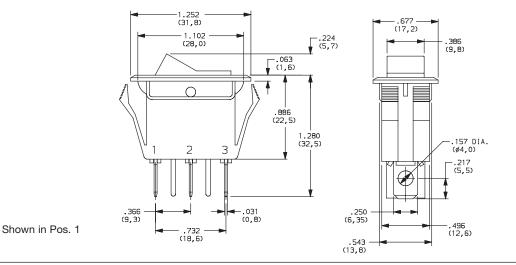




# CL Series Single Pole Power Rocker Switches

#### SWITCH FUNCTION

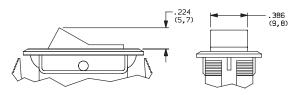
		SWITCH FUNCTION			CONNECTED TERMINALS			
		Pos. 1	Pos. 2	Pos. 3	Pos. 1	Pos. 2	Pos. 3	
NO.			4	4			-	
POLES	MODEL NO.	C&K n	narking on opposi	te side	C&K ma	rking on opposite s	side	SCHEMATIC
	CL101	ON	NONE	ON	2-1	- N/A	2-3	1 2 3
SP	CL102	ON	NONE	OFF		OPEN	OR For Illuminat	
	CL12 *	ON	NONE	OFF	2-1			Version



#### ACTUATOR ----

J7 ROCKER

J9 ILLUMINATED ROCKER



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

#### ACTUATOR COLOR

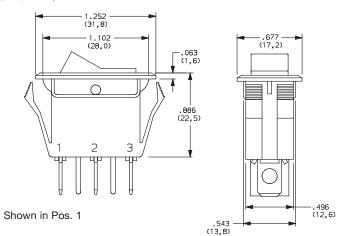
OPTION CODE	ACTUATOR COLOR BLACK		
2			
1	WHITE		
3	RED		
R	RED, ILLUMINATED		
Α	AMBER, ILLUMINATED		
G	GREEN, ILLUMINATED		



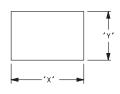
Dimensions are shown: Inches (mm) Specifications and dimensions subject to change





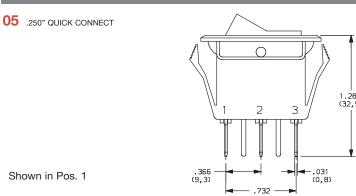


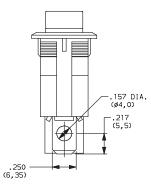
#### PANEL MOUNTING



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**





## **ACTUATOR MARKING**







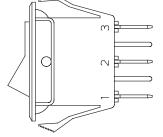


**H** 01









NOTE: Orientation of actuator marking and terminals.

Shown in Pos. 1



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

Rocker

# Rocker

## CL Series Single Pole Power Rocker Switches

#### 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.



#### **LAMP RATING**

(NONE) NO LAMP

**7** 125 VAC 33kΩ NEON

8 250 VAC 150k $\Omega$  NEON

NOTE: Lamp rating for J9 actuator option.