

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.

Switch Function	CL101 SPDT On-None-On CL102 SPST On-None-Off CL12 * SPST On-None-Off
Actuator	J7 Rocker J9 Illuminated rocker
Actuator Color	2 Black 1 White 3 Red R Red, illuminated A Amber, illuminated G Green, illuminated
Mounting Style/Color	S2 Snap-in, black S1 Snap-in, white
Termination	05 .250" quick connect
Actuator Marking	(NONE) No marking D ON-OFF H "O I" - international ON-OFF P "O -" international ON-OFF
Contact Rating	QA Silver
Lamp Rating	(NONE) No lamp 7 125 VAC neon 8 250 VAC neon

* CL12 - for switches with both marking and illumination

Rocker



G



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

www.ckswitches.com

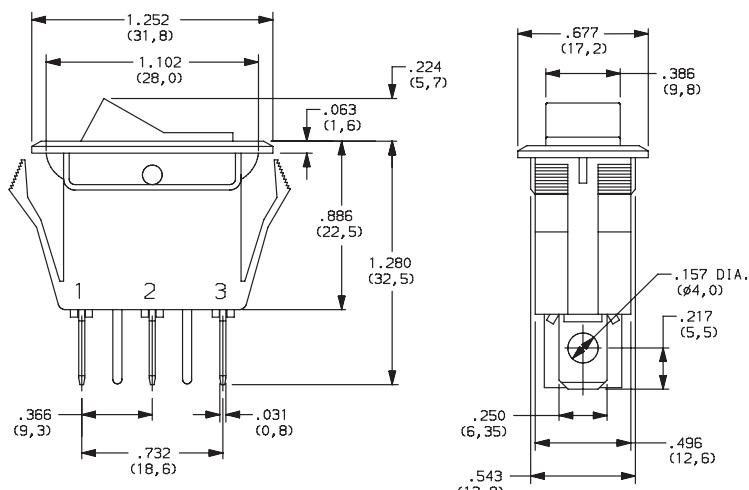
CL Series Single Pole Power Rocker Switches

SWITCH FUNCTION



NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS			SCHEMATIC	
		Pos. 1	Pos. 2	Pos. 3	Pos. 1	Pos. 2	Pos. 3		
SP	CL101	ON	NONE	ON	2-1	N/A	2-3		
	CL102	ON	NONE	OFF	2-1		OPEN		
	CL12 *	ON	NONE	OFF					

* CL12 - for switches with both marking and illumination

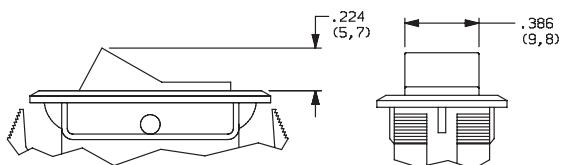


ACTUATOR



J7 ROCKER

J9 ILLUMINATED ROCKER



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

ACTUATOR COLOR

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



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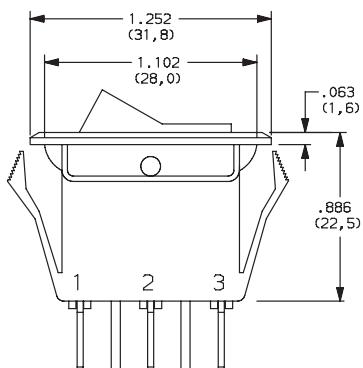
CL Series

Single Pole Power Rocker Switches

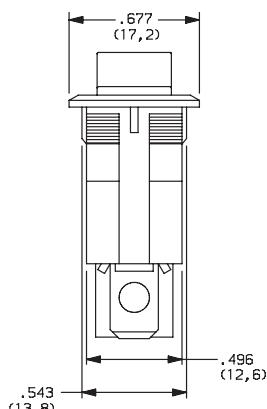
MOUNTING STYLE/COLOR

S2 SNAP-IN, BLACK

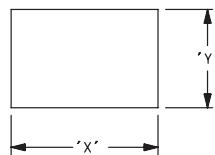
S1 SNAP-IN, WHITE



Shown in Pos. 1



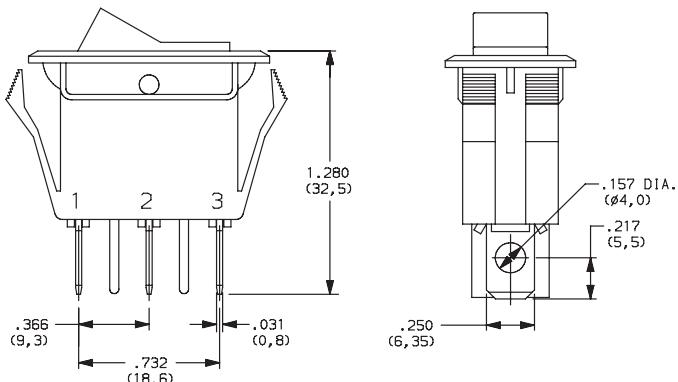
PANEL MOUNTING



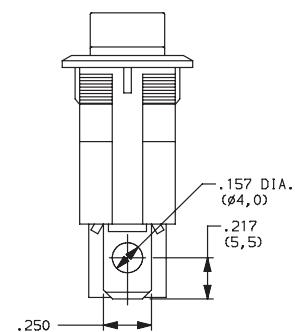
PANEL THICKNESS	"X"	"Y"
0.030-0.049 (0.75-1.25)	1.126-.004 (28.6-0.1)	0.551+.004 (14.0+0.1)
0.049-0.079 (1.25-2.0)	1.134-.004 (28.8-0.1)	0.551+.004 (14.0+0.1)
0.079-0.118 (2.0-3.0)	1.150-.004 (29.2-0.1)	0.551+.004 (14.0+0.1)

TERMINATION

05 .250" QUICK CONNECT



Shown in Pos. 1



ACTUATOR MARKING

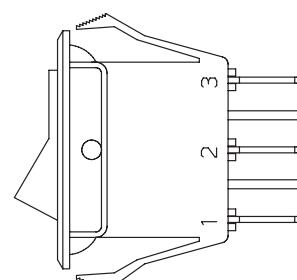
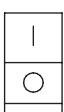
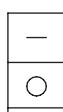
NONE NO MARKING

D ON-OFF



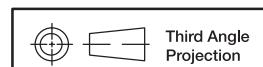
H OI

P O -



NOTE: Orientation of actuator marking and terminals.

Shown in Pos. 1



Dimensions are shown: Inches (mm)
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C&K

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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

* 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 150kΩ NEON

NOTE: Lamp rating for J9 actuator option.

Rocker



G

C&K

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

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Mouser Electronics

Authorized Distributor

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[CL102J72S205HQA](#) [CL102J72S205PQA](#) [CL102J9RS205QA7](#) [CL102J72S205DQA](#) [CL102J72S205QA](#)
[CL102J9AS205QA7](#) [CL102J71S205QA](#) [CL102J71S105HQA](#) [CL102J73S205DQA](#)