

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



Models Available

Specifications

CONTACT RATING:
UL/CSA: 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
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* CL12 - for switches with both marking and illumination

Rocker



G

C&K

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

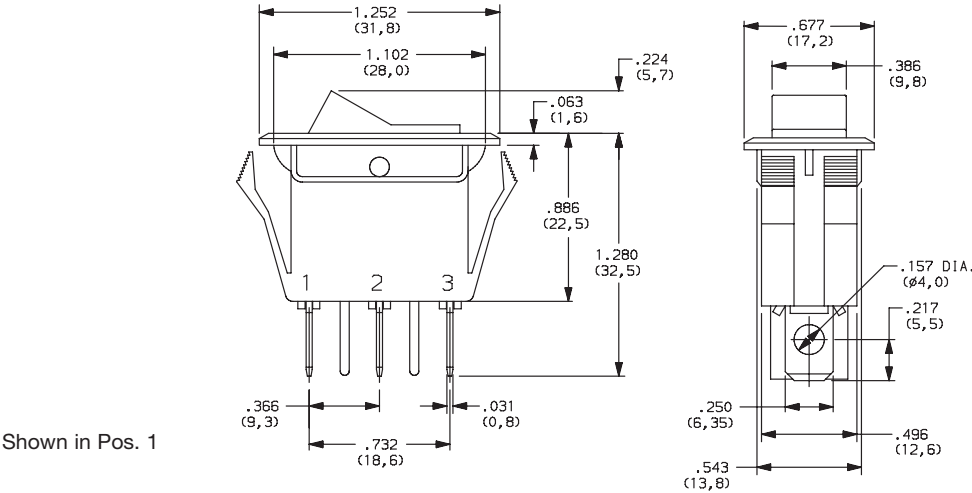
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SWITCH FUNCTION



NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS			SCHEMATIC
		Pos. 1	Pos. 2	Pos. 3	Pos. 1	Pos. 2	Pos. 3	
								
		C&K marking on opposite side			C&K marking on opposite side			
SP	CL101	ON	NONE	ON	2-1	N/A	2-3	
	CL102	ON	NONE	OFF	2-1		OPEN	 OR For Illuminated Version
	CL12 *	ON	NONE	OFF				

* CL12 - for switches with both marking and illumination

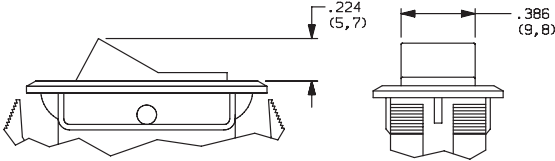


ACTUATOR



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



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

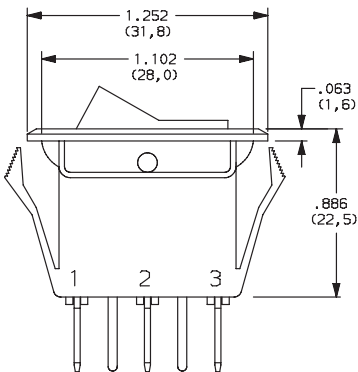
www.ck-components.com



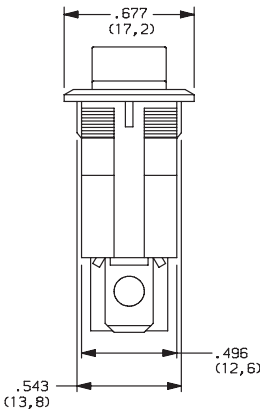
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MOUNTING STYLE/COLOR

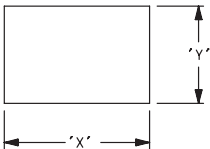
- S2 SNAP-IN, BLACK
- S1 SNAP-IN, WHITE



Shown in Pos. 1



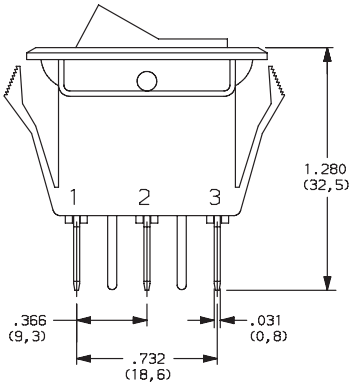
PANEL MOUNTING



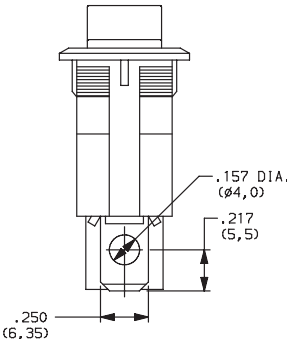
PANEL THICKNESS	"X"	"Y"
0.030-0.049 (0,75-1,25)	1.126-.004 (28,6-0,1)	0.551+.004 (14,0+0,1)
0.049-0.079 (1,25-2,0)	1.134-.004 (28,8-0,1)	0.551+.004 (14,0+0,1)
0.079-0.118 (2,0-3,0)	1.150-.004 (29,2-0,1)	0.551+.004 (14,0+0,1)

TERMINATION

- 05 .250" QUICK CONNECT



Shown in Pos. 1



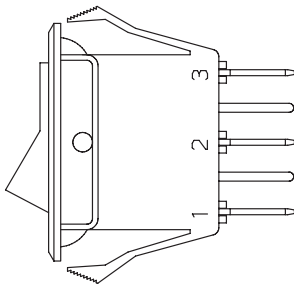
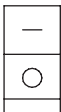
ACTUATOR MARKING

- NONE NO MARKING
- D ON-OFF



- H O I

- P O -



NOTE: Orientation of actuator marking and terminals.

Shown in Pos. 1



Third Angle Projection

Dimensions are shown: Inches (mm)

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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.

(NONE) NO LAMP

7 125 VAC 33kΩ NEON

8 250 VAC 150k Ω NEON

NOTE: Lamp rating for J9 actuator option.