

CL Series

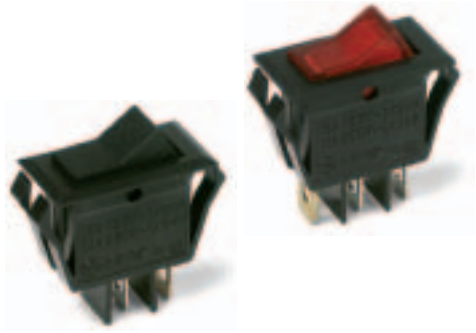
Single Pole Power Rocker Switches

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:
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 H-91 through H-93. For additional options not shown in catalog, consult Customer Service Center.

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








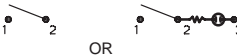
Rocker



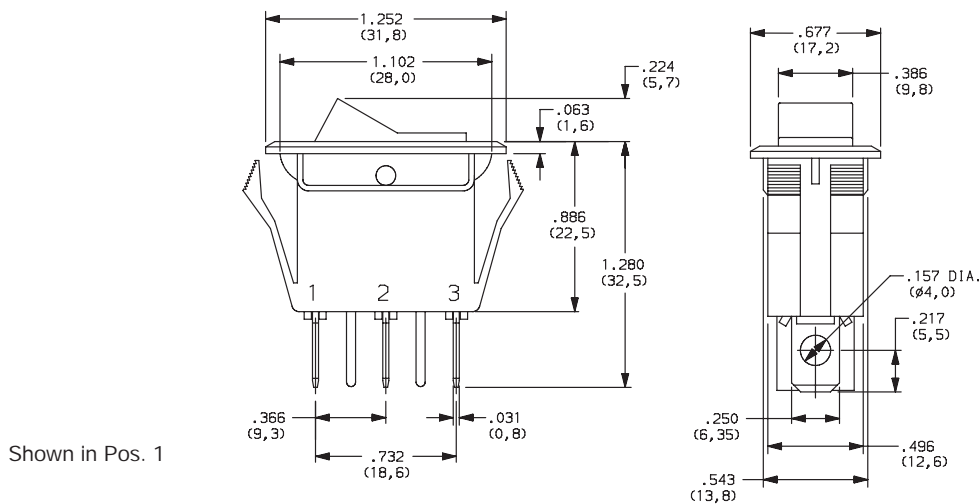
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SWITCH FUNCTION



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	
	CL12 *	ON	NONE	OFF				For Illuminated Version

* CL12 - for switches with both marking and illumination

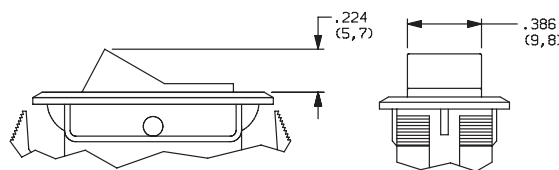


ACTUATOR



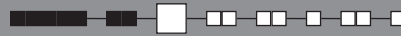
J7 ROCKER

J9 ILLUMINATED ROCKER

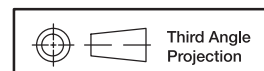


NOTE: J9 actuator available with CL102 & CL12 switch function only.

ACTUATOR COLOR



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



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

C&K

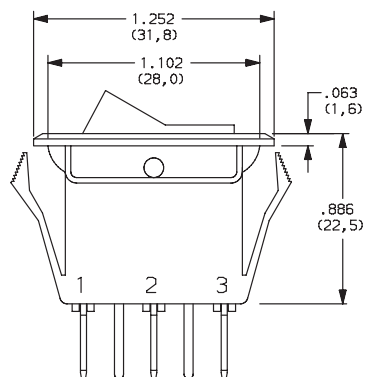
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MOUNTING STYLE/COLOR

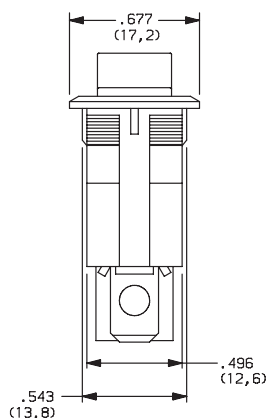


S2 SNAP-IN, BLACK

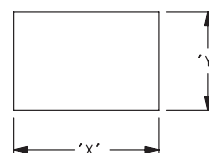
S1 SNAP-IN, WHITE



Shown in Pos. 1



PANEL MOUNTING

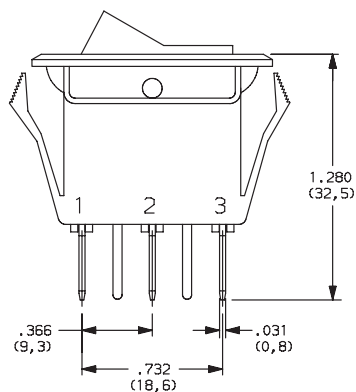


PANEL THICKNESS	"X"	"Y"
0.030-0.049 (0,75-1,25)	1.126-.004 (28,6-0,1)	0.551+.004 (14,0+0,1)
0.049-0.079 (1,25-2,0)	1.134-.004 (28,8-0,1)	0.551+.004 (14,0+0,1)
0.079-0.118 (2,0-3,0)	1.150-.004 (29,2-0,1)	0.551+.004 (14,0+0,1)

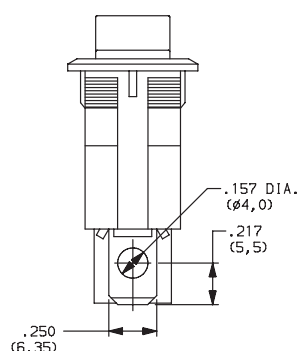
TERMINATION



05 .250" QUICK CONNECT



Shown in Pos. 1

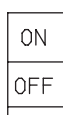
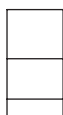


ACTUATOR MARKING



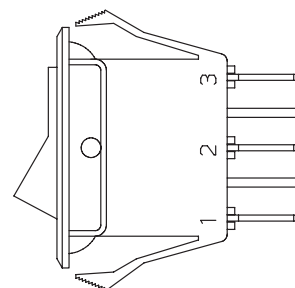
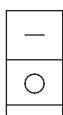
NONE NO MARKING

D ON-OFF



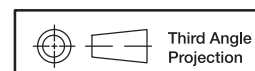
H O I

P O -



NOTE: Orientation of actuator marking and terminals.

Shown in Pos. 1



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


www.ck-components.com



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CONTACT MATERIAL



OPTION CODE	CONTACT AND TERMINAL MATERIAL	RATINGS	
		POWER	
QA	SILVER	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.

