

C&K CG Series Single Pole Power Rocker Switches

Features/Benefits

- ***Bevelled frame***
- ***Illuminated versions available***
- ***Easy panel mount installation***

Typical Applications

- **Computers and peripherals**
- **Small appliances**
- **Instrument panels**
- **Industrial controls**



Specifications

CONTACT RATING:

UL/CSA: 16 AMPS @ 125 VAC, 10 AMPS @ 250 VAC.

VDE μ T85: 10 AMPS @ 250 VAC, 6 AMPS @ 250 VAC.

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

INSULATION RESISTANCE: $10^8 \Omega \text{ min.}$

DIELECTRIC STRENGTH: 1,500 VRMS @ sea level.

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 12 thru 14. For additional options not shown in catalog, consult Customer Service Center.

Switch Function

- CG101** SPDT On-None-On
- CG102** SPST On-None-Off
- CG103** SPDT On-Off-On
- CG105** SPDT Mom-Off-Mom
- CG12 *** SPST On-None-Off

Actuator

- J1** Rocker
- J2 ****Two-tone rocker
- J3** Illuminated rocker

Actuator Color

- 2 (STD).** Black
- 1** White
- 3** Red
- R** Red, illuminated
- A** Amber, illuminated
- G** Green, illuminated

Mounting Style/Color

- S2 (STD.)** Snap-in, black
- S1** Snap-in, white

Termination

- 05 (STD.)** .250" quick connect
- 07** Solder lug

Actuator Marking

- (NONE) (STD.)** No marking
- D** ON-OFF
- H** "O I" - international ON-OFF
- P** "O -" international ON-OFF

Contact Rating

- QF (STD.)** Silver

Lamp Rating

- (NONE) (STD.)** No lamp
- 7** 125 VAC neon
- 8** 250 VAC neon

CG12 - for switches with both marking and illumination

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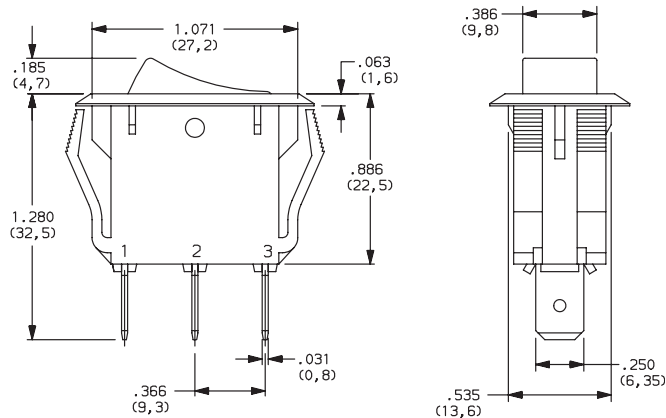
** J2 - refer to table on page 14 for actuator options

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SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS			SCHEMATIC
								
		C&K marking on opposite side			C&K marking on opposite side			
SP	CG101	ON	NONE	ON	2-3	N/A	2-1	
	CG102	ON	NONE	OFF				
	CG103	ON	OFF	ON		OR		
	CG105	MOM	OFF	MOM		For Illuminated Version		
	CG12 *	ON	NONE	OFF				

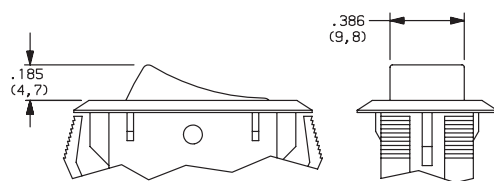
* CG12 - for switches with both marking and illumination



ACTUATOR

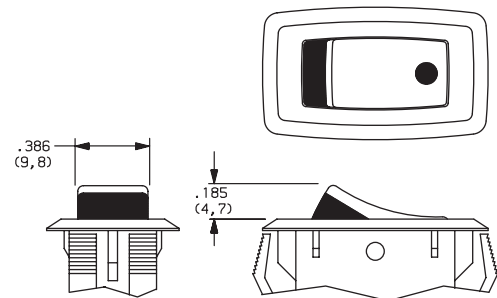
J1 ROCKER

J3 ILLUMINATED ROCKER



NOTE: J3 actuator available with CG102 switch function only.

J2 TWO-TONE ROCKER



NOTE: Available with CG102 switch function only.

C&K CG Series

Single Pole Power Rocker Switches

ACTUATOR COLOR

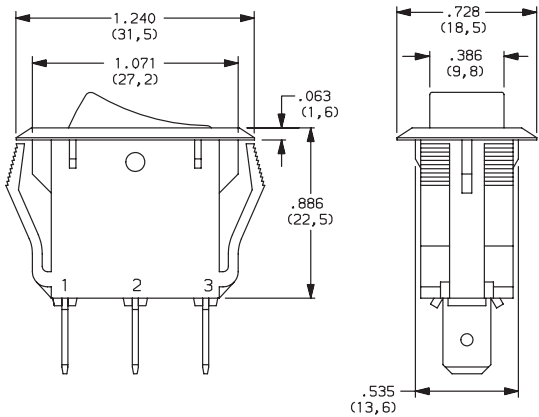
OPTION CODE	ACTUATOR COLOR
2	(STD.) BLACK
1	WHITE
3	RED
R	RED, ILLUMINATED
A	AMBER, ILLUMINATED
G	GREEN, ILLUMINATED

OPTION CODE	ACTUATOR COLOR	
	TOP	BOTTOM
1	WHITE	RED
2	WHITE	BLACK
3	RED	WHITE
4	BLACK	WHITE
5	BLACK	RED

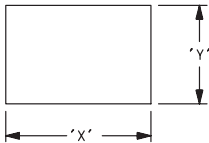
J2 actuator only

MOUNTING STYLE/COLOR

- S2 (STD.) SNAP-IN, BLACK
- S1 SNAP-IN, WHITE



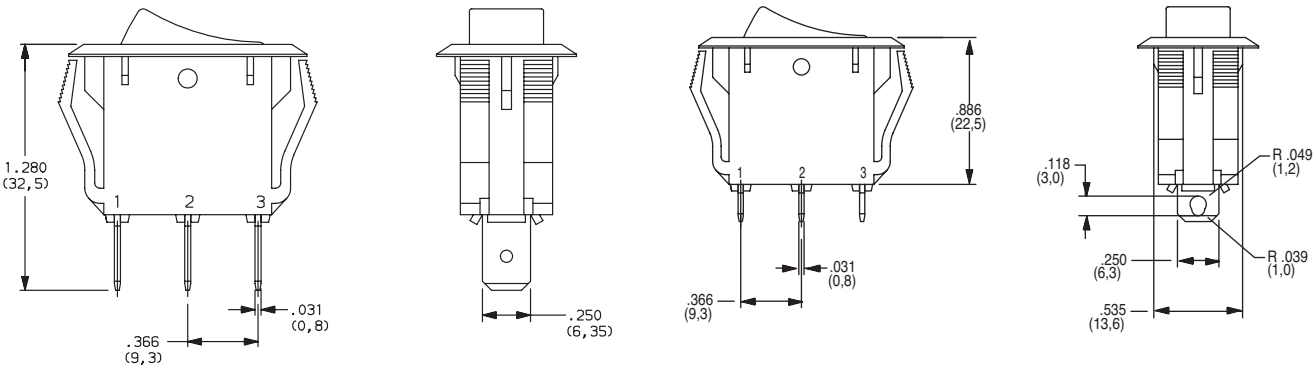
PANEL MOUNTING



PANEL THICKNESS	"X"	"Y"
0.030-0.049 (0,75-1,25)	1.087-.004 (27,6-0,1)	0.543+.004 (13,8+0,1)
0.049-0.079 (1,25-2,0)	1.094-.004 (27,8-0,1)	0.543+.004 (13,8+0,1)
0.079-0.118 (2,0-3,0)	1.102-.004 (28,0-0,1)	0.543+.004 (13,8+0,1)

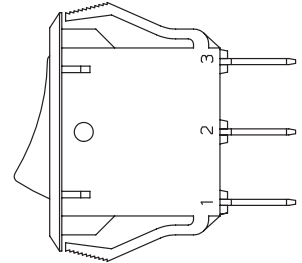
TERMINATION

- 05 (STD.) .250" QUICK CONNECT
- 07 SOLDER LUG



ACTUATOR MARKING

D ON-OFF



P O -



CONTACT MATERIAL

LAMP RATING

8 250 VAC 150k Ω NEON

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