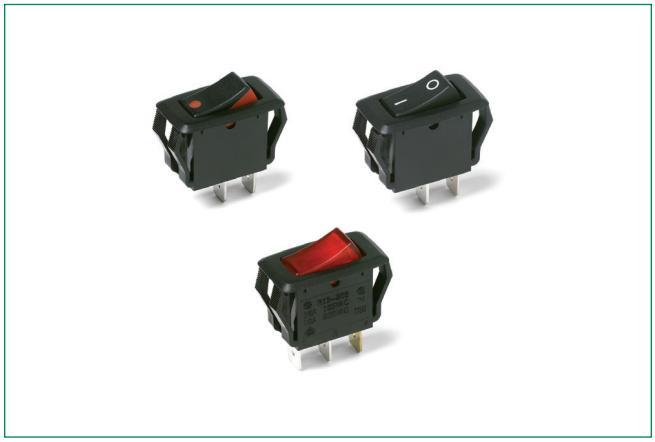
CG Series
Single Pole Power Rocker Switches



Description

CG series single pole power rocker switch are designed with a beveled frame and easy panel mount installation, making it perfect for today's innovative product designs. With optional illumination, the CG switches are most often used in small appliances, instrument panels and industrial controls.

Features & Benefits

- Beveled frame
- Illuminated versions available
- Easy panel mount installation

Applications

- Computers and peripherals
- Small appliances
- Instrument panels
- Industrial controls
- RoHS compliant

Agency Approvals

Agency	Agency File Number
c UL us	E42363

Specifications

Contact Rating	16(4) A @ 125/250 VAC, 16RA @ 12 VDC, 10RA @ 28 VDC.
Electrical Life	10,000 make-and-break cycles at full load.
Dielectric Strength	1,500 Vrms min. @ sea level.
Insulation Resistance	10^8 Ω min.
Operating Temperature	-20°C to 85°C

Materials

Actuator & Housing	6/6 nylon (UL 94V-2), black, matte finish.
Illuminated Actuator	Polycarbonate, matte finish.
Center Contacts	Silver plated, copper alloy.
End Contacts	AgCd0
All Terminals	Silver plated, copper alloy.

Notes:
Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Ordering Number

To order, simply select desired option from each category and place in the appropriate box. For additional options not shown in catalog, consult Customer Service Center.

CGxxx - xx - x - xx - 05 - x - QF - x

Switch Function
CG101: SPDT On-None-On
CG102: SPST On-None-Off
CG103: SPDT On-Off-On
CG105: SPDT Mom-Off-Mom
CG12[1]: SPST On-None-Off

Actuator
J1: Rocker
J2[2]: Two-tone rocker
J3: 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

Terminations
05: 0.250" Quick connect

Actuator Marking
(NONE): No marking
D: ON-OFF
H: "O I" - international ON-OFF
P: "O -" international ON-OFF

Contact Material
QF: Silver

Lamp Rating
(NONE): No lamp
6: LED
7: 125 VAC neon
8: 250 VAC neon

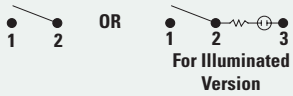
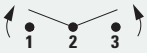
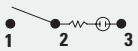
Notes:
1. CG12 — for switches with both marking and illumination
2. J2 — refer to table on next page for actuator options

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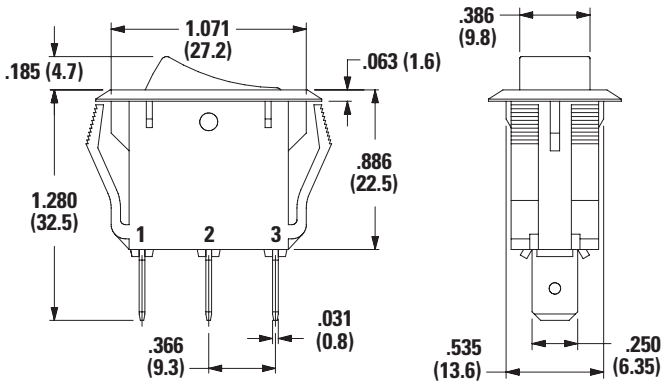
CG Series
Single Pole Power Rocker Switches

Switch Function

No. Poles	Model No.	Switch Function (C&K marking on opposite side) POS.1	POS.2	POS.3	Connected Terminals POS.1	POS.2	POS.3	Schematic
SP	CG101	ON	NONE	ON	1-2	N/A	2-3	
	CG102	ON	NONE	OFF	1-2	N/A	OPEN	 OR For Illuminated Version
	CG103	ON	OFF	ON	1-2	OPEN	2-3	
	CG105	MOM.	OFF	MOM.	1-2	OPEN	2-3	
	CG12[1]	ON	NONE	OFF	1-2	N/A	OPEN	

Note: CG12 - for switches with both marking and illumination

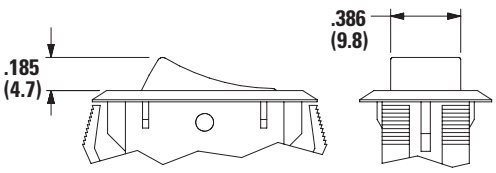
Dimensions inches (mm)



Shown in Pos. 1

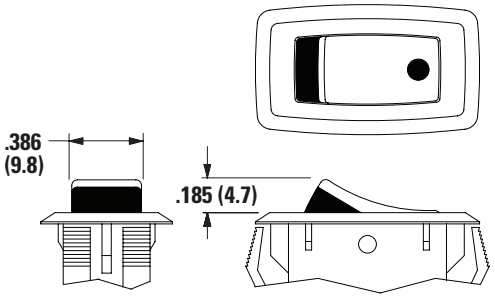
Actuator inches (mm)

J1 Rocker
J3 Illuminated Rocker



Note: J3 actuator available with CG102 switch function only.

J2 Two-Tone Rocker



Note: J3 actuator available with CG102 switch function only.

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CG Series
Single Pole Power Rocker Switches

Actuator Color

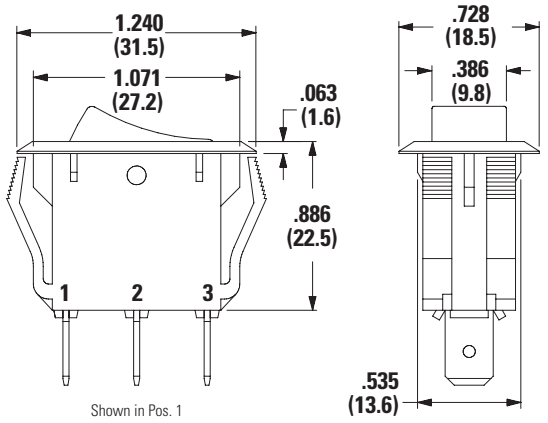
Actuator	Option Code	Actuator Color
J1	2	Black
	1	White
	3	Red
J3	R	Red, Illuminated
	A	Amber, Illuminated
	G	Green, Illuminated

Actuator	Option Code	Actuator Color	
		Top	Bottom
J2	1	White	Red
	2		Black
	3	Red	White
	4	Black	White
	5		Red

Note: J2 actuator only

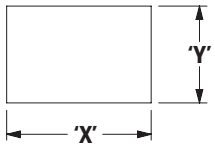
Mounting Style/Color inches (mm)

S2 Snap-in, Black
S1 Snap-in, White



Shown in Pos. 1

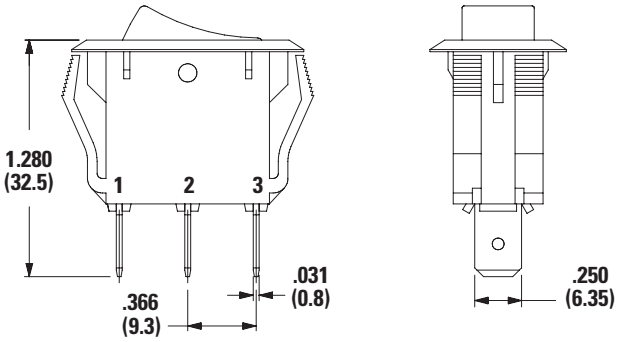
Panel Mounting



Panel Thickness	"X"	"Y"
0.030-0.049 (0.75-1.25)	1.087-0.004 (27.6-0.1)	0.543 + 0.004 (13.8+0.1)
0.049-0.079 (1.25-2.0)	1.094-0.004 (27,8-0.1)	
0.079-0.118 (2.0-3.0)	1.102-0.004 (28,0-0.1)	

Terminations inches (mm)

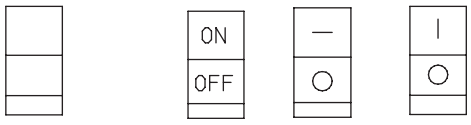
05 0.250" Quick Connect

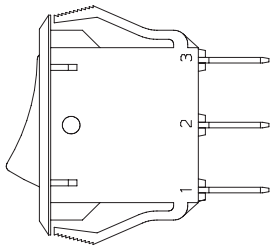


Shown in Pos. 1

Actuator Markings

None No Marking **D On-Off** **H O |** **P O –**





NOTE: Orientation of actuator marking and terminals.

Shown in Pos. 1

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Contact Material

Option Code	Contact and Terminal Material	Ratings	
QF	Silver	Power	16(4)A 125/250 Vac;16RA 12Vdc;10RA 28Vdc

Notes: 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 J3 actuator option.

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