

C&K C Series Power Rocker Switches



Features/Benefits

- Positive detent
- Attractive design
- Snap-in mounting

Typical Applications

- Floor care products
- Power outlet strips
- Small appliances



Specifications

CONTACT RATING: All Models: 15 AMPS @ 125 V AC; 10 AMPS @ 250 V AC . Models also available with see rating section.

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

INSULATION RESISTANCE: $10^9 \Omega$ min.

DIELECTRIC STRENGTH: 2,500 Vrms min. @ sea level.

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

Materials

HOUSING & ACTUATOR: 6/6 nylon (UL 94V-2), black (standard).

MOVABLE CONTACTS: Copper, silver plated.

STATIONARY CONTACT & TERMINALS:

C121, C122 models with 'QA' rating: Copper, silver plated.

C221, C222 models with 'QA' rating: Copper.

All models with 'QF' rating: Copper, silver plated.

CONTACT SPRING: Music wire or stainless steel.

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-69 and G-70. For additional options not shown in catalog, consult Customer Service Center.

		Switch Function C121 (STD.) SPDT, On-On C122 SPST, On-Off C221 (STD.) DPDT, On-On C222 DPST, On-Off	Actuator J1 (STD.) Rocker	Actuator Color 2 (STD.) Black 1 White 3 Red	Mounting Style/Color S2 (STD.) Snap-in, black S1 Snap-in, white	Terminations 05 (STD.) Quick connect WC Wire Wrap	Actuator Markings NONE (STD.) No markings D ON-OFF H 0 K ON-OFF P 0 -	Contact Material QA (STD.) Silver (UL/CSA) QF (STD.) Silver (UL/CSA/VDE)
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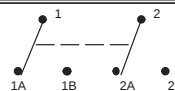
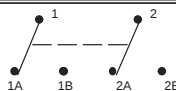
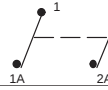
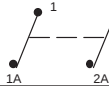
Rocker



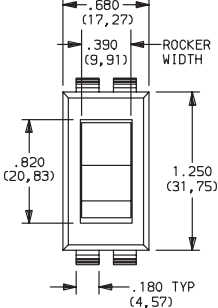
C&K C Series

Power Rocker Switches

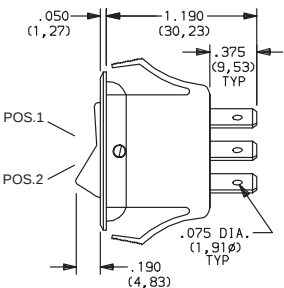
SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION		CONNECTED TERMINALS		SCHEMATIC	
		POS. 1	POS. 2	POS. 1	POS. 2		 
							
SP	C121 (STD.)	ON	ON	2-1 1-1A	2-3 1-1B	SPDT 	SPDT 
	C122	ON	OFF	2-1 1-1A	OPEN	SPST 	SPST 
DP	C221 (STD.)	ON	ON	1-1A, 2-2A	1-1B, 2-2B	DPDT 	DPDT 
	C222	ON	OFF	1-1A, 2-2A	OPEN	DPST 	DPST 

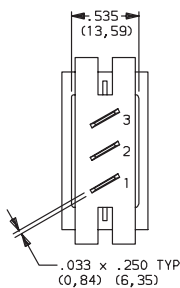
SPDT



Part number shown: C121J12S205QF



TERM. NOS. FOR REFERENCE ONLY



All models   with all options.
Only models with 'QF' rating meet international dimensional and electrical requirements .
Contacts make on side opposite actuator thrown.

ACTUATOR

J1 (STD.) ROCKER

SP

Dimensions: .390 (9, 91), .820 (20, 32), .190 (4, 83)

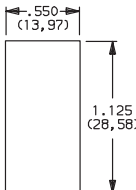
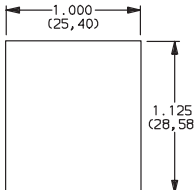
DP

Dimensions: .867 (22, 02), .820 (20, 83), .190 (4, 83)

OPTION CODE	ACTUATOR COLOR
2	(STD.) BLACK
1	WHITE
3	RED

NOTE: Actuator finish: gloss (standard). Other colors available, consult Customer Service Center.

MOUNTING STYLE/COLOR

S1, S2 SNAP-IN		PANEL MOUNTING		PANEL THICKNESS: .020 (0,51) TO .200 (5,08)
		SP	DP	
				
S2	(STD.) BLACK			
S1	WHITE			

NOTE: Frame finish on housing: gloss (standard). Other colors available, consult Customer Service Center.

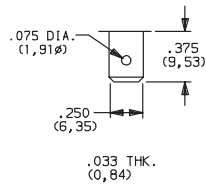
 Third Angle Projection

Dimensions are shown: IN (mm)
Dimensions subject to change

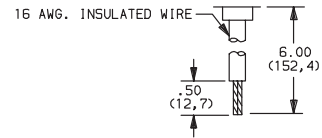
C&K C Series Power Rocker Switches

TERMINATIONS

05 (STD.) QUICK CONNECT



WC WIRE WRAP



Available with 'QA' contact material only.
(only) SP models only.
Black wire standard, other colors and lengths available, consult Customer Service Center. UL style 1015.

ACTUATOR MARKINGS

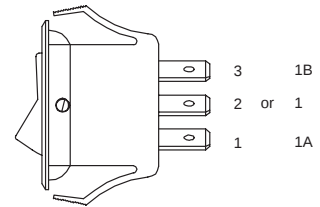
NONE (STD.) NO MARKING



D ON-OFF



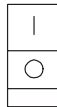
H O-I



K ON-OFF



P O -



NOTE: Orientation of actuator markings and terminals.

'D, H, K & P' marking options: marking color white, standard for all actuator colors except white. Black, standard for white actuators. Consult Customer Service Center for other available markings and colors.

CONTACT MATERIAL

OPTION CODE	CONTACT AND TERMINAL MATERIAL	RATINGS	
		POWER	
QA (STD.)	SILVER ^{1,2}		15 AMPS @ 125 V AC; 10 AMPS @ 250 V AC (UL/CSA).
QF (STD.)			15 AMPS @ 125 V AC; 10 AMPS @ 250 V AC (UL/CSA/NDE).

CONTACT MATERIAL/APPLICATION RECOMMENDATIONS – SEE SECTION N.

¹ STATIONARY CONTACT & TERMINALS:
All models with 'QA' rating: Copper, silver plated.
All models with 'QF' rating: Copper, silver top lay.

² MOVABLE CONTACTS: Copper, silver plated.

All models .

Only models with 'QF' rating meet international dimensional and electrical requirements .

NOTE: 'QF' rating available with '05' terminations only.