

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
- RoHS compliant



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: 10⁹ Ω min.

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

NOTE: For the latest information regarding RoHS compliance, please go to: www.ittcannon.com/rohs.

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.

OPERATING TEMPERATURE: -30°C to +65°C

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-103 and H-105. For additional options not shown in catalog, consult Customer Service Center.

Switch Function

C121

SPDT, On-On

C122

SPST, On-Off

C221

DPDT, On-On

C222

DPST, On-Off

Actuator

J1

Rocker

Actuator Color

2

Black

1

White

3

Red

Mounting Style/Color

S2

Snap-in, black

S1

Snap-in, white

Terminations

05

Quick connect

WC

Wire Wrap

Actuator Markings

NONE

No markings

D

ON-OFF

P

0 -

Contact Material

QA

Silver (UL/CSA)

QF

Silver (UL/CSA/VDE)

Rocker



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

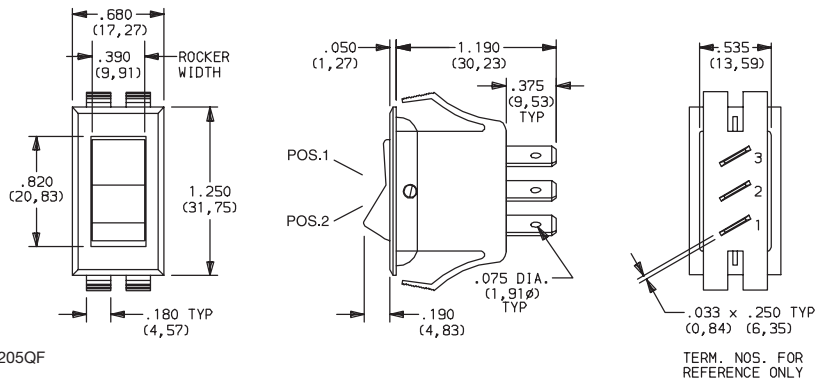
C&K C Series Power Rocker Switches

SWITCH FUNCTION



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

SPDT

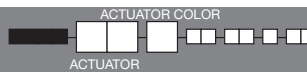


All models with all options.

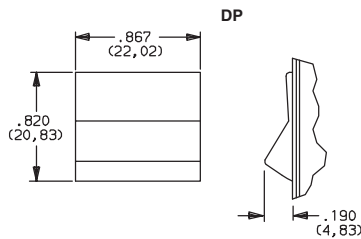
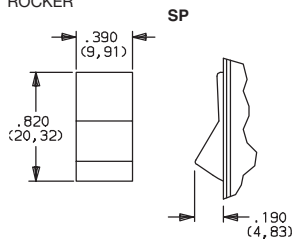
Only models with 'QF' rating meet international dimensional and electrical requirements .

Contacts make on side opposite actuator thrown.

ACTUATOR



J1 ROCKER



OPTION CODE	ACTUATOR COLOR
2	BLACK
1	WHITE
3	RED

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

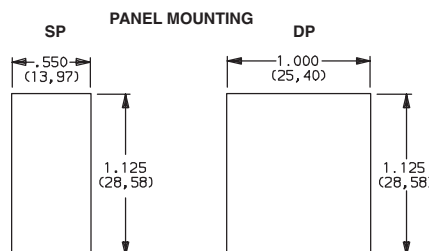
MOUNTING STYLE/COLOR



S1, S2 SNAP-IN

OPTION CODE	HOUSING COLOR
S2	BLACK
S1	WHITE

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



PANEL THICKNESS:
.020 (0,51) TO .200 (5,08)



Third Angle Projection

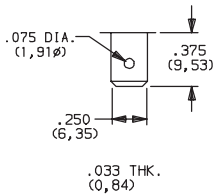
Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change



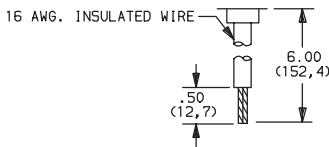
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TERMINATIONS

05 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

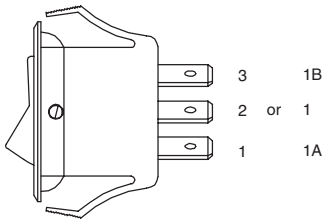
NONE NO MARKING



D 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	RoHS COMPLIANT *	RoHS COMPATIBLE *	CONTACT AND TERMINAL MATERIAL	RATINGS	
				POWER	
QA	YES	YES	SILVER 1,2		15 AMPS @ 125 V AC; 10 AMPS @ 250 V AC (UL/CSA).
QF	YES	YES			15 AMPS @ 125 V AC; 10 AMPS @ 250 V AC (UL/CSA/VDE).

* Note: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.

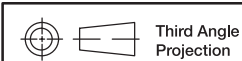
- ¹ STATIONARY CONTACT & TERMINALS:
All models with 'QA' rating: Copper, silver plated.
All models with 'QF' rating: Copper, silver top lay.
² MOVABLE CONTACTS: Copper, silver plated.

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

NOTE: For the latest information regarding RoHS compliance, please go to:
www.ittcannon.com/rohs.

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

Rocker



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

www.ittcannon.com