

C&K CR Series

Round Single Pole Specialty Rocker Switches

Features/Benefits

- Round actuator and body
- Nice styling
- Multiple illuminated versions available
- IP65 splash proof rubber boot option

Typical Applications

- Appliances, small and large
- Office equipment
- Computers and peripherals
- Audio/Video equipment
- RoHS compliant



Models Available

Specifications

CONTACT RATING:

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

VDE μ T85: 16 AMPS @ 125 VAC, 10 AMPS @ 250 VAC.

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 + 85°C

Materials

HOUSING AND ACTUATOR: 6/6 nylon (UL94V-2), matte finish.

ILLUMINATED ACTUATOR: Polycarbonate, matte finish.

CENTER CONTACTS: Silver plated, copper alloy.

END CONTACTS: Silver plated AgSnO₂InO₃.

ALL TERMINALS: Silver plated, copper alloy.

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.

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-83 through H-86. For additional options not shown in catalog, consult Customer Service Center.

Switch Function		Actuator		Actuator Color		Mounting Style/Color		Termination	
CR101 SPDT On-None-On		J1 Rocker		2 Black		S2 Snap-in, black		15 .187" quick connect	
CR102 SPST On-None-Off		J2* Two-tone rocker		1 White		S1 Snap-in, white		QF Silver	
		J3 Illuminated rocker		3 Red					
		J4** Circle, illuminated rocker		R Red, illuminated					
		J5 Oval, illuminated rocker		A Amber, illuminated					
		JN Paddle, rocker		G Green, illuminated					
		JP** Paddle, illuminated rocker							
								Lamp Rating	
								(NONE) No lamp	
								6 LED	
								7 125 VAC neon	
								8 250 VAC neon	

* Refer to table on page 85 for actuator options.

** VDE rating for JP: 10 A @ 125 VAC / 6 A at 250 VAC.

Rocker

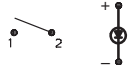


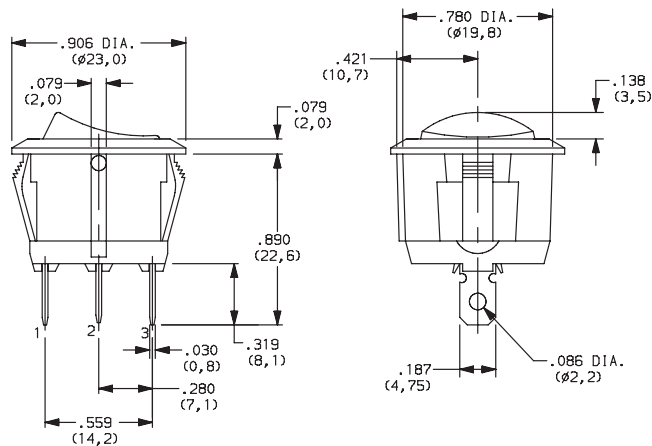
Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

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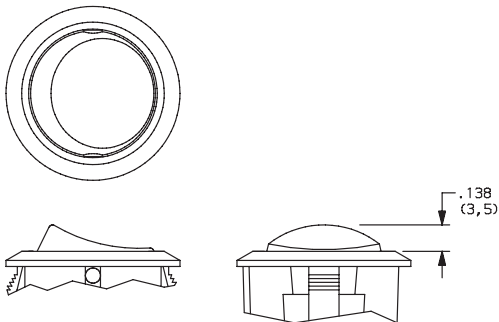
SWITCH FUNCTION 

NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS			SCHEMATIC
								
SP	CR101	ON	NONE	ON				
	CR102	ON	NONE	OFF	2-3	N/A	2-1	 OR For 7 & 8 Illuminated Versions
								



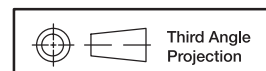
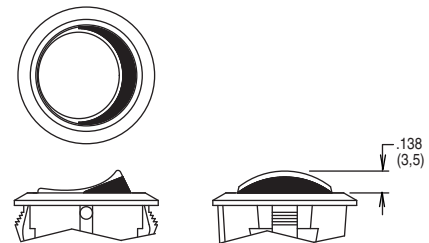
ACTUATOR 

J1 ROCKER
J3 ILLUMINATED ROCKER



NOTE: J3 actuator available with 7 & 8 lamp ratings and CR102 switch function only.

J2 TWO-TONE ROCKER



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

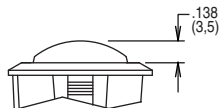
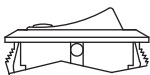
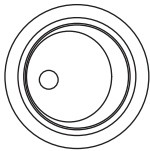


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ACTUATOR

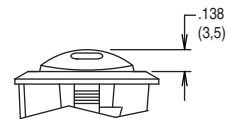
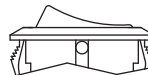
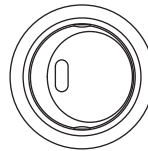


J4 CIRCLE, ILLUMINATED ROCKER



NOTE: Available with CR102 switch function and 7 & 8 lamp ratings only.

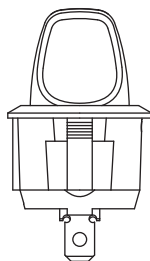
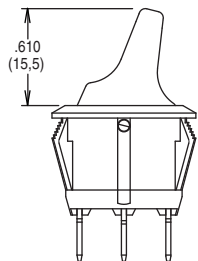
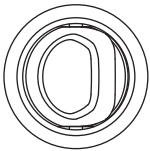
J5 OVAL, ILLUMINATED ROCKER



NOTE: Available with CR102 switch function and 6 lamp rating only.

JN PADDLE, ROCKER

JP PADDLE, ILLUMINATED ROCKER



NOTE: JP actuator available with CR102 switch function and 7 & 8 lamp ratings only.

ACTUATOR COLOR



OPTION CODE	ACTUATOR COLOR
2	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

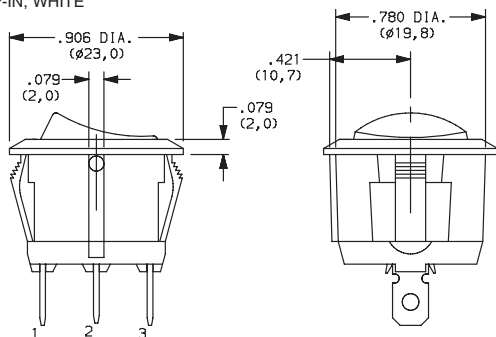
J2 actuator only

MOUNTING STYLE/COLOR

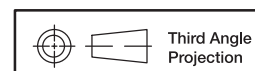
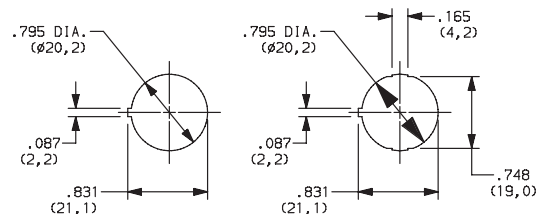


S2 SNAP-IN, BLACK

S1 SNAP-IN, WHITE



PANEL MOUNTING



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

www.ittcannon.com

Rocker



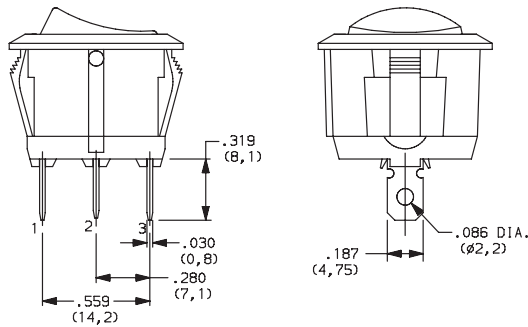
H



C&K CR Series Round Single Pole Specialty Rocker Switches

TERMINATION

15 .187" QUICK CONNECT



CONTACT MATERIAL

OPTION CODE	RoHS COMPLIANT *	RoHS COMPATIBLE *	CONTACT AND TERMINAL MATERIAL	RATINGS	
QF	YES	YES	SILVER	POWER	16 AMPS @ 125 VAC; 10 AMPS @ 250 VAC

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

LAMP RATING

(NONE) NO LAMP

6 LED RATING @ 10 mA $V_f=1.85V$

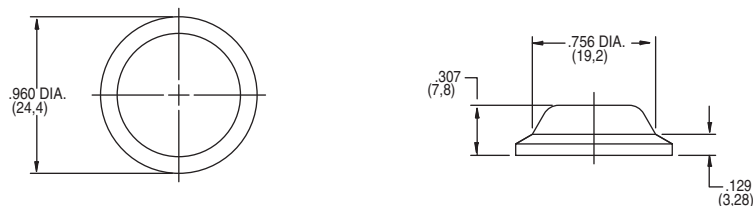
7 125 VAC 33k Ω NEON

8 250 VAC 150k Ω NEON

NOTE: Lamp rating for J3 actuator option.

ACCESSORIES

377C00000 IP65 SPLASH PROOF RUBBER BOOT



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

