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





Specifications

CONTACT RATING:

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

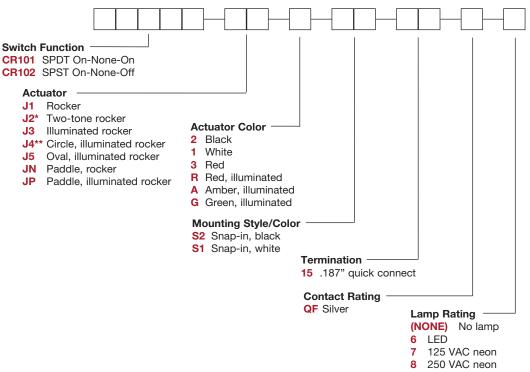
Materials

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 AgSn0₂ln0₃. 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 G-78 through G-80. For additional options not shown in catalog, consult Customer Service Center.



Refer to table on page G-79 for actuator options.





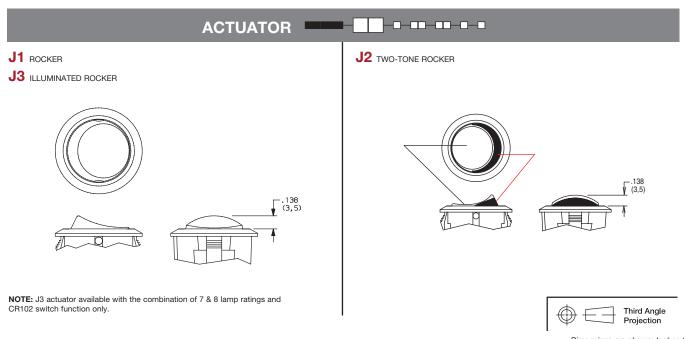
Rocker

CR Series

Round Single Pole Specialty Rocker Switches

SWITCH FUNCTION

	\top	SWITCH FUNCTION			CONNECTED TERMINALS			
		Pos. 1	Pos. 2	Pos. 3	Pos. 1	Pos. 2	Pos. 3	
				4			4	
NO. POLES	MODEL NO.	C&K	marking on opposi	te side	C&K m	narking on opposite s	side	SCHEMATIC
	CR101	ON	NONE	ON	2-3		2-1	1 2 3
						N/A		OR For 7 & 8
	CR102	ON	NONE	OFF				Illuminated Versions
SP								1 2 +
			.906 DIA. (\$23,0) .079 - (2,0) (2,0) .20 .559 - (14,2)	.030 (0,8) (8	,1)	.187	086 DIA.	



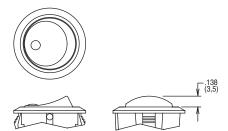


Dimensions are shown: Inches (mm) Specifications and dimensions subject to change

CR Series Round Single Pole Specialty Rocker Switches

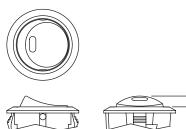
ACTUATOR -0-00-00-0

J4 CIRCLE, ILLUMINATED ROCKER



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

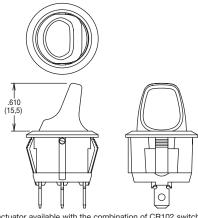
J5 OVAL, ILLUMINATED ROCKER



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

JN PADDLE, ROCKER

JP PADDLE, ILLUMINATED ROCKER



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

ACTUATOR COLOR

ACTUATOR	OPTION CODE	ACTUATOR COLOR	
	2	BLACK	
J1	1	WHITE	
	3	RED	
12 14	R	RED, ILLUMINATED	
J3, J4 J5, JP	Α	AMBER, ILLUMINATED	
JO, JP	G	GREEN, ILLUMINATED	

ACTUATOR	OPTION CODE	ACTU TOP	JATOR COLOR BOTTOM
	1	WHITE	RED
J2	2	WHITE	BLACK
UZ	3	RED	WHITE
	4	BLACK	WHTE
	5	BLACK	RED



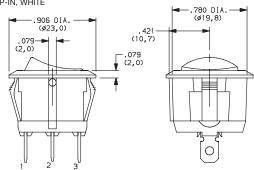
(3,5)

J2 actuator only

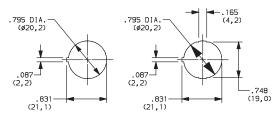
MOUNTING STYLE/COLOR

\$2 SNAP-IN, BLACK

\$1 SNAP-IN, WHITE



PANEL MOUNTING



Panel thickness: 2.0 - 3.0 mm

Panel thickness: 0.7 - 3.0 mm



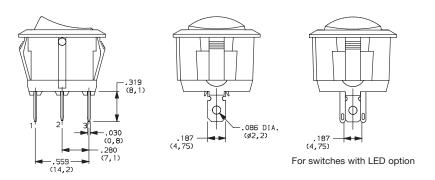
Dimensions are shown: Inches (mm) Specifications and dimensions subject to change



Rocker

CR Series Round Single Pole Specialty Rocker Switches

15 .187" QUICK CONNECT



CONTACT MATERIAL

OPTION CODE	CONTACT AND TERMINAL MATERIAL			
QF	SILVER	POWER	16 AMPS @ 125 VAC; 10 AMPS @ 250 VAC	c AL us

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

LAMP RATING

(NONE) NO LAMP

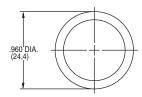
6 LED RATING @ 10 mA V_f=1.85V

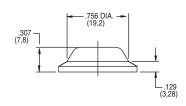
7 125 VAC 33kΩ NEON

8 250 VAC 150kΩ NEON

ACCESSORIES

377C00000 IP65 SPLASH PROOF RUBBER BOOT







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



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

C&K Switches:

CR101J12S215QF CR101J11S115QF CR101J11S215QF CR102J3GS215QF8 CR102J3RS215QF7

CR102JPRS215QF7 CR102J3AS215QF8 CR102J11S215QF CR102J12S215QF CR102J5RS215QF6

CR102J4RS215QF7 CR102J3GS215QF7 CR102J3RS215QF8 CR102JPRS215QF8 CR102J23S215QF

CR102J3AS215QF7 CR102J2S2S215QF CR102J5AS215QF6 CR102J5GS215QF6 CR102J25S215QF