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***



c UL us **UL 61058-1**

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 Ω min.
DIELECTRIC STRENGTH: 1,500 VRMS @ sea level.
OPERATING TEMPERATURE: -20°C to + 85°C

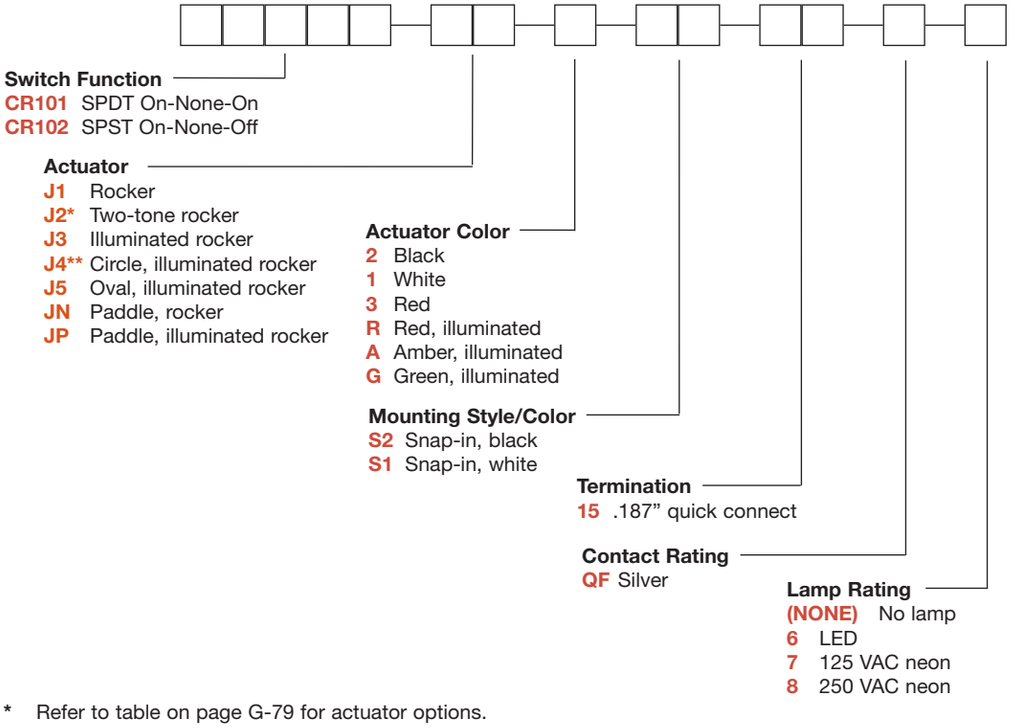
Materials

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 $AgSn0_2In0_3$.
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

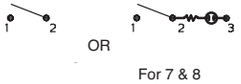
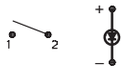
To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages G–78 through G–80. For additional options not shown in catalog, consult Customer Service Center.

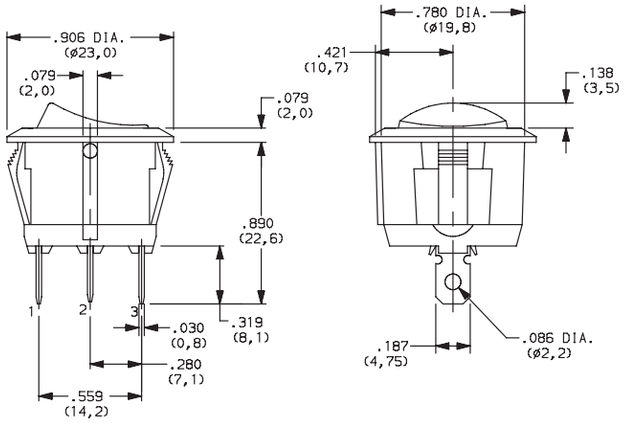


* Refer to table on page G-79 for actuator options.

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SWITCH FUNCTION

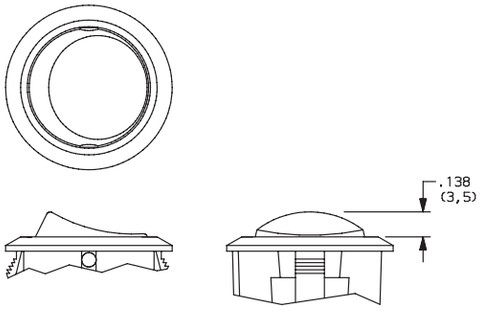
NO. POLES	MODEL NO.	SWITCH FUNCTION Pos. 1	SWITCH FUNCTION Pos. 2	SWITCH FUNCTION Pos. 3	CONNECTED TERMINALS Pos. 1	CONNECTED TERMINALS Pos. 2	CONNECTED TERMINALS Pos. 3	SCHEMATIC
		C&K marking on opposite side			C&K marking on opposite side			
SP	CR101	ON	NONE	ON	2-3	N/A	2-1	
	CR102	ON	NONE	OFF				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



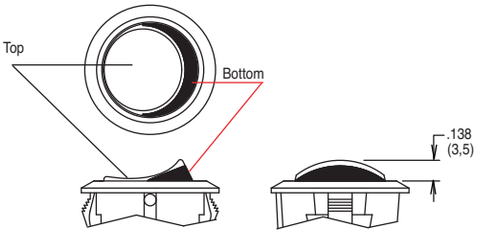
ACTUATOR

J1 ROCKER

J3 ILLUMINATED ROCKER



J2 TWO-TONE ROCKER



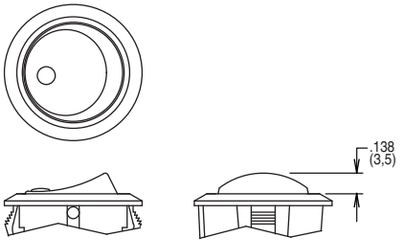
NOTE: J3 actuator available with the combination of 7 & 8 lamp ratings and CR102 switch function only.

Third Angle Projection

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

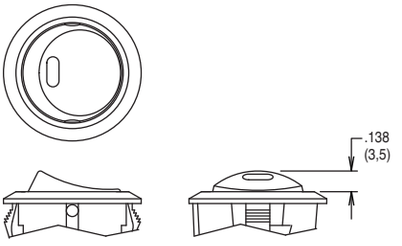
ACTUATOR

J4 CIRCLE, ILLUMINATED ROCKER



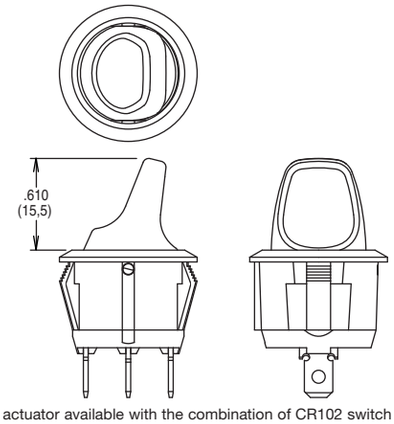
NOTE: Available with the combination of CR102 switch function and 7 & 8 lamp ratings only.

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



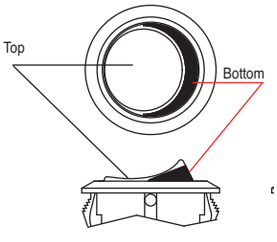
NOTE: JP actuator available with the combination of CR102 switch function and 7 & 8 lamp ratings only.

ACTUATOR COLOR

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

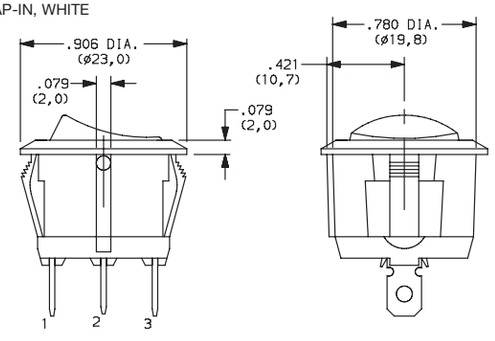
ACTUATOR	OPTION CODE	ACTUATOR COLOR TOP	ACTUATOR COLOR BOTTOM
J2	1	WHITE	RED
	2	WHITE	BLACK
	3	RED	WHITE
	4	BLACK	WHTE
	5	BLACK	RED

J2 actuator only

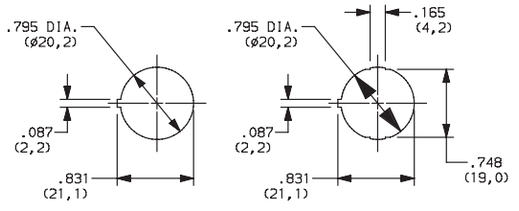


MOUNTING STYLE/COLOR

S2 SNAP-IN, BLACK
S1 SNAP-IN, WHITE



PANEL MOUNTING



Panel thickness:
2.0 - 3.0 mm

Panel thickness:
0.7 - 3.0 mm

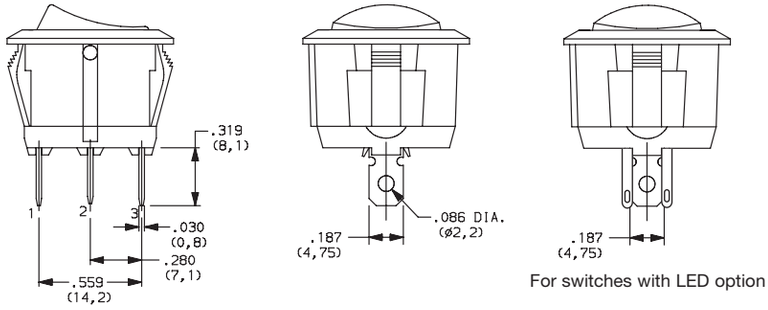
Third Angle Projection

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

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TERMINATION

15 .187" QUICK CONNECT



For switches with LED option

CONTACT MATERIAL

OPTION CODE	CONTACT AND TERMINAL MATERIAL	RATINGS	
QF	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

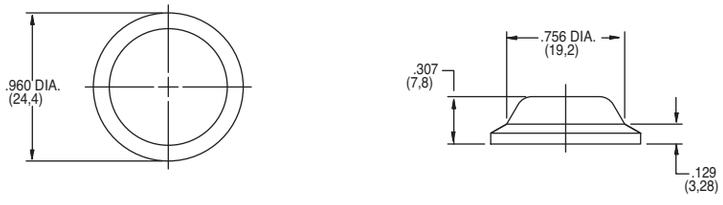
6 LED RATING @ 10 mA V_f=1.85V

7 125 VAC 33kΩ NEON

8 250 VAC 150kΩ NEON

ACCESSORIES

377C00000 IP65 SPLASH PROOF RUBBER BOOT



Third Angle Projection

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