CM Series Single Pole Power Rocker Switches

Features/Benefits

- Illuminated versions available
- Easy to install snap-in design
- Multiple actuator and termination styles to choose from

Typical Applications

- Computers and peripherals
- Power supplies
- Industrial equipment
- Small appliances
- RoHS compliant



c**Al**lis

Specifications

CONTACT RATING:

16 AMPS @ 125 VAC, 1/8 HP; 10 AMPS @ 250 VAC, 1/3 HP.

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 +80°C

Materials

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

ILLUMINATED ACTUATOR: Polycarbonate, gloss or matte finish. CENTER CONTACTS: Silver plated, copper alloy.

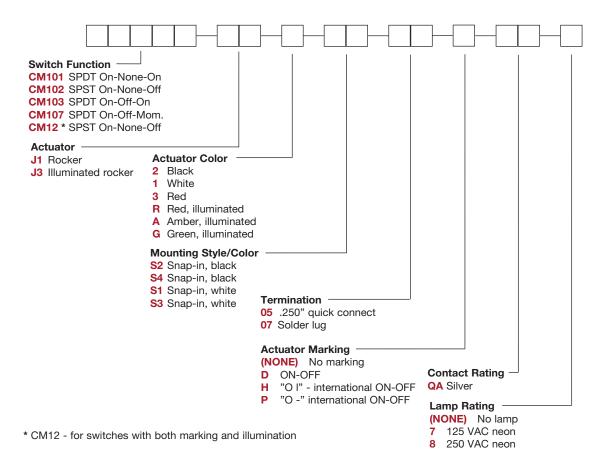
END CONTACTS: Silver plated.

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–95 through G–97. For additional options not shown in catalog, consult Customer Service Center.





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7------**SWITCH FUNCTION**

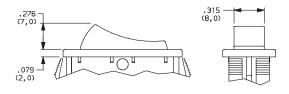
		SWITCH FUNCTION			CONNECTED TERMINALS			
		Pos. 1	Pos. 2	Pos. 3	Pos. 1	Pos. 2	Pos. 3	
		4			4			
NO. POLES	MODEL NO.	C&K i	marking on opposi	ite side	C&K ma	rking on opposite	side	SCHEMATIC
	CM101	ON	NONE	ON			2-3	1 2 3
	CM102	ON	NONE	OFF		N/A	OPEN	OR For Illuminated
SP	CM103	ON	OFF	ON	2-1			Version 1 2 3
	CM107	ON	OFF	мом.		OPEN	2-3	• 2 • 3)
	CM12 *	ON	NONE	OFF		N/A	OPEN	• • • • • 3
* CM12 - for switches with both marking and illumination 1.299 (33,0) (6,5) .709 (11,0) .709 (11,0) .709 (11,0) .709 (11,0) .709 (11,0) .709 (11,0) .709 (11,0) .709 (11,0) .709 (11,0) .709 (11,0) .709 (11,0) .709 (11,0) .709 (11,0) .709 (11,0) .709 (13,0)								
Shown in Pos. 1			.429	—1.071 —(27,2)	→	(6,3	◄	.421 (10,7)

ACTUATOR

G-92

J1 ROCKER

J3 ILLUMINATED ROCKER



NOTE: J3 actuator available with CM102 & CM12 switch function only.



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



ACTUATOR COLOR



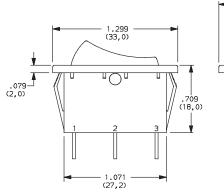
MOUNTING STYLE/COLOR -----

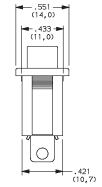
\$2 SNAP-IN, BLACK

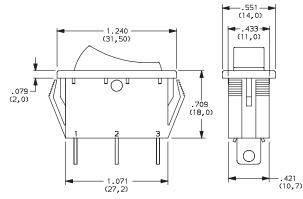
\$1 SNAP-IN, WHITE

\$4 SNAP-IN, BLACK (SHORT FRAME)

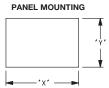
\$3 SNAP-IN, WHITE







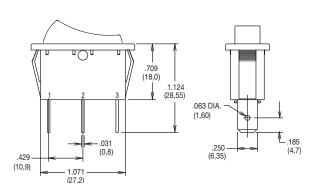
Shown in Pos. 1



	PANEL THICKNESS	"X"	"Y"	
	0.030-0.049 (0,75-1,25)	1.189004 (30,2-0,1)	0.441+.004 (11,2+0,1)	
	0.049-0.079 (1,25-2,0)	1.197004 (30,4-0,1)	0.441+.004 (11,2+0,1)	
ľ	0.079-0.118 (2,0-3,0)	1.212004 (30,8-0,1)	0.441+.004 (11,2+0,1)	

TERMINATION

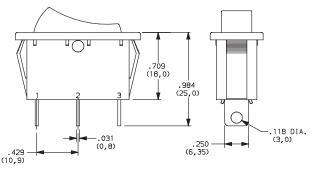
05 .250 QUICK CONNECT



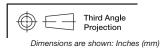
Shown in Pos. 1

07 SOLDER LUG

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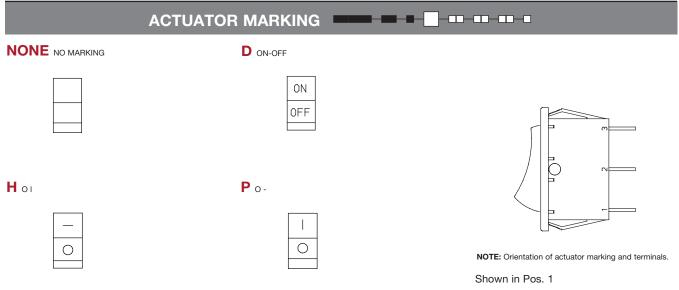
NOTE: Available with CM101 & CM102 switch functions only.



Specifications and dimensions subject to change



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CONTACT MATERIAL

OPTION CODE	CONTACT AND TERMINAL MATERIAL	RATINGS			
QA	SILVER	POWER	16 AMPS @ 125 VAC; 1/8 HP 10 AMPS @ 250 VAC, 1/3 HP		

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



LAMP RATING

(NONE) NO LAMP

7 125 VAC 33kΩ NEON

8 250 VAC 150kΩ NEON

NOTE: Lamp rating for J3 & J8 actuator option.



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

