# **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





### **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.

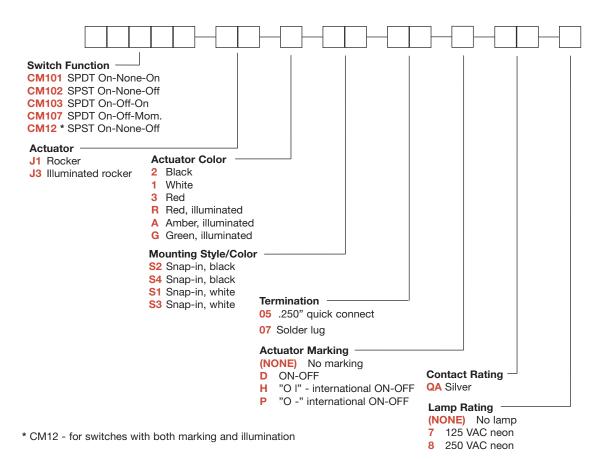
CENTER CONTACTS: Silver plated, copper alloy. END CONTACTS: Silver plated.

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.





# Rocker

# CM Series Single Pole Power Rocker Switches

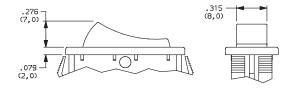
# SWITCH FUNCTION

		s	SWITCH FUNCTION		CONNECTED TERMINALS			
		Pos. 1	Pos. 2	Pos. 3	Pos. 1	Pos. 2	Pos. 3	
				4			4	
NO. POLES	MODEL NO.	C&K r	marking on opposi	te side	C&K ma	rking on opposite	side	SCHEMATIC
	CM101	ON	NONE	ON			2-1	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	1 2 3
	* CM12 - for switches with both marking and illumination  .255 (6,5) .315 (14,0) .315 (18,0) .709 (18,0) .984 (11,0)					-		
Shown in Pos. 1								

## ACTUATOR ----

J1 ROCKER

J3 ILLUMINATED ROCKER



 $\textbf{NOTE:} \ \mathsf{J3} \ \mathsf{actuator} \ \mathsf{available} \ \mathsf{with} \ \mathsf{CM102} \ \& \ \mathsf{CM12} \ \mathsf{switch} \ \mathsf{function} \ \mathsf{only}.$ 



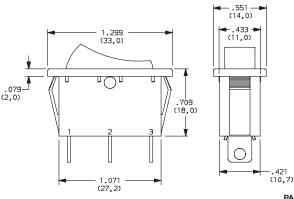
Dimensions are shown: Inches (mm) Specifications and dimensions subject to change

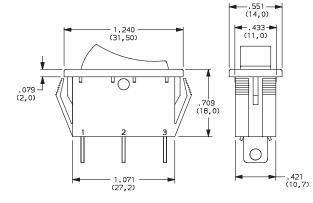


## ACTUATOR COLOR ————

OPTION CODE	ACTUATOR COLOR		
2	BLACK		
1	WHITE		
3	RED		
R	RED, ILLUMINATED		
Α	AMBER, ILLUMINATED		
G	GREEN, ILLUMINATED		

# MOUNTING STYLE/COLOR \$4 SNAP-IN, BLACK (SHORT FRAME) \$3 SNAP-IN, WHITE





PANEL MOUNTING Shown in Pos. 1

S	hown in Pos. 1	

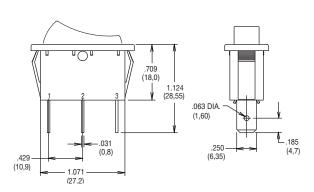
PANEL THICKNESS	"X"	"Y"	
0.030-0.049 (0,75-1,25)	1.189004 (30,2-0,1)	0.441+.004 (11,2+0,1)	
0.049-0.079 (1,25-2,0)	1.197004 (30,4-0,1)	0.441+.004 (11,2+0,1)	
0.079-0.118 (2,0-3,0)	1.212004 (30,8-0,1)	0.441+.004 (11,2+0,1)	

# **TERMINATION**

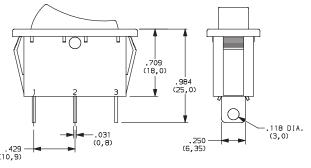
05 .250 QUICK CONNECT

S2 SNAP-IN, BLACK

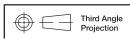
\$1 SNAP-IN, WHITE



07 SOLDER LUG



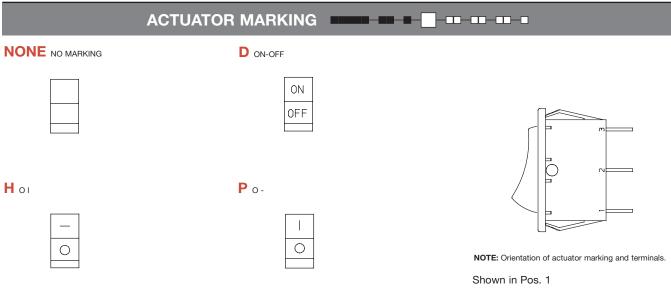
NOTE: Available with CM101 & CM102 switch functions only.





Shown in Pos. 1

# **CM Series** Single Pole Power Rocker Switches



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

<sup>\*</sup> 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.

