imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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



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Specifications

 $\begin{array}{l} \mbox{CONTACT RATING:} \\ 16 \mbox{ AMPS } @ 125 \mbox{ VAC, 1/8 HP;} \\ 10 \mbox{ AMPS } @ 250 \mbox{ VAC, 1/3 HP}. \\ \mbox{ELECTRICAL LIFE: 10,000 make and break cycles at full load.} \\ \mbox{INSULATION RESISTANCE: 10}^8 \ \Omega \ min. \\ \mbox{DIELECTRIC STRENGTH: 1,500 \ VRMS } @ sea level. \\ \mbox{OPERATING TEMPERATURE: -20^{\circ}C to +80^{\circ}C} \end{array}$

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.

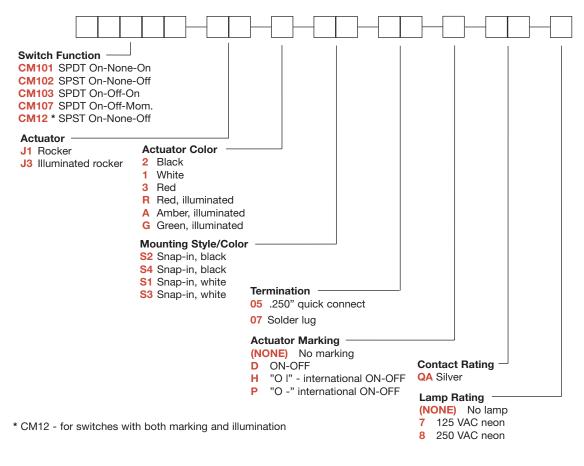
END CONTACTS: Silver plated. ALL TERMINALS: Silver plated, copper alloy.

NOTE: Specifications and materials listed above are for switches with standard options

For information on specific and custom switches, consult Customer Service Center.

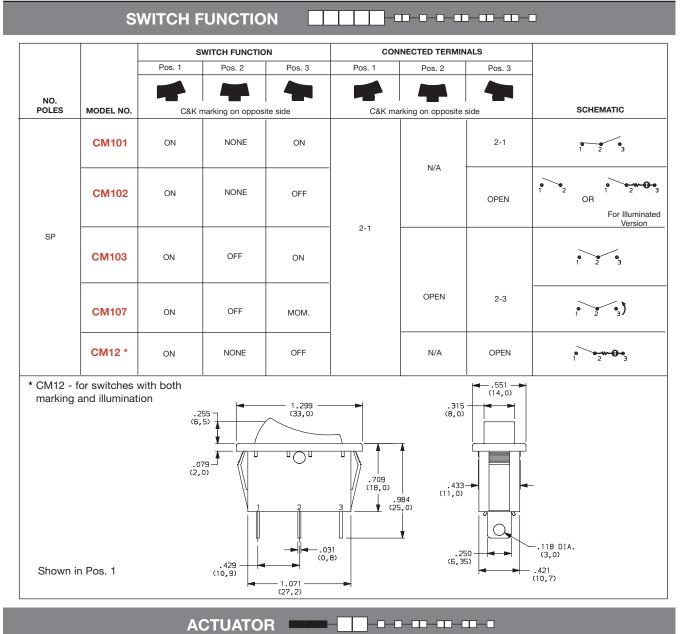
Build-A-Switch

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.



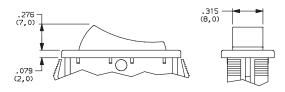


CM Series **Single Pole Power Rocker Switches**



J1 ROCKER

J3 ILLUMINATED ROCKER



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

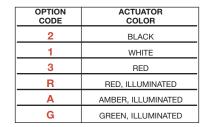




Dimensions are shown: Inches (mm) Specifications and dimensions subject to change

G

CM Series Single Pole Power Rocker Switches



MOUNTING STYLE/COLOR

-.551-(14,0)

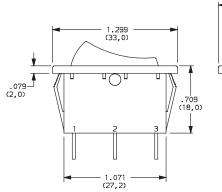
►.433 -(11,0) ■-____

S4 SNAP-IN, BLACK (SHORT FRAME)

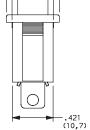
S3 SNAP-IN, WHITE

S2 SNAP-IN, BLACK

S1 SNAP-IN, WHITE

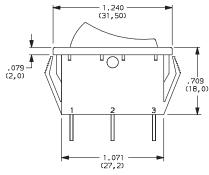


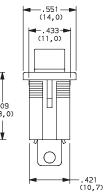
Shown in Pos. 1



.421 10**,**7)

PANEL MOUNTING



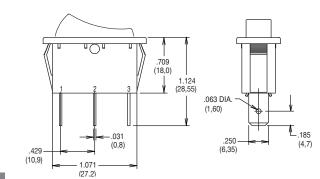


Shown in Pos. 1

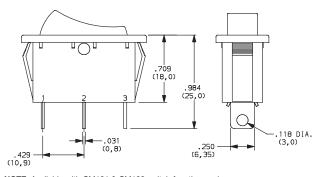
PANEL THICKNESS	"X"	"Y"
0.030-0.049 (0,75-1,25)	1.189004 (30,2-0,1)	0.441+.004 (11,2+0,1)
0.049-0.079 (1,25-2,0)	1.197004 (30,4-0,1)	0.441+.004 (11,2+0,1)
0.079-0.118 (2,0-3,0)	1.212004 (30,8-0,1)	0.441+.004 (11,2+0,1)

'x' -

05 .250 QUICK CONNECT



07 SOLDER LUG



NOTE: Available with CM101 & CM102 switch functions only.

Dimensions are shown: Inches (mm)

Specifications and dimensions subject to change

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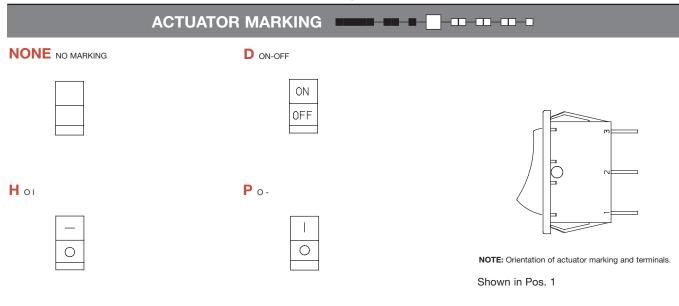


Shown in Pos. 1

CM Series Single Pole Power Rocker Switches

-0

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CONTACT MATERIAL

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

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

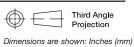
LAMP RATING

(NONE) NO LAMP

- 7 125 VAC 33kΩ NEON
- 8 250 VAC 150kΩ NEON

NOTE: Lamp rating for J3 & J8 actuator option.

G





Specifications and dimensions subject to change