

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:

UL/CSA: 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.

Switch Function CM101 SPDT On-None-On CM102 SPST On-None-Off CM103 SPDT On-Off-On CM107 SPDT On-Off-Mom. CM12 * SPST On-None-Off	Actuator J1 Rocker J3 Illuminated rocker	Actuator Color 2 Black 1 White 3 Red R Red, illuminated A Amber, illuminated G Green, illuminated	Mounting Style/Color S2 Snap-in, black S4 Snap-in, black S1 Snap-in, white S3 Snap-in, white	Termination 05 .250" quick connect 07 Solder lug	Actuator Marking (NONE) No marking D ON-OFF H "O I" - international ON-OFF P "O -" international ON-OFF	Contact Rating QA Silver	Lamp Rating (NONE) No lamp 7 125 VAC neon 8 250 VAC neon
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* CM12 - for switches with both marking and illumination

Rocker

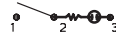
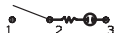


G

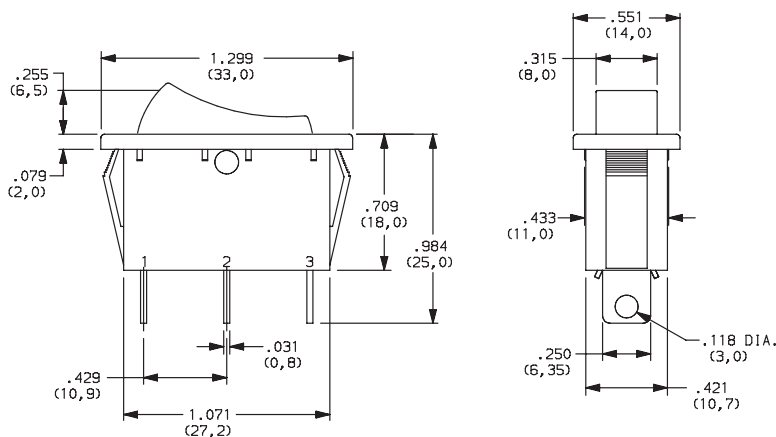
C&K

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

CM Series

NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS			SCHEMATIC
		Pos. 1	Pos. 2	Pos. 3	Pos. 1	Pos. 2	Pos. 3	
								
		C&K marking on opposite side			C&K marking on opposite side			
SP	CM101	ON	NONE	ON	2-1	N/A	2-1	
	CM102	ON	NONE	OFF			OPEN	 OR  For Illuminated Version
	CM103	ON	OFF	ON		OPEN	2-3	
	CM107	ON	OFF	MOM.				
	CM12 *	ON	NONE	OFF		N/A	OPEN	

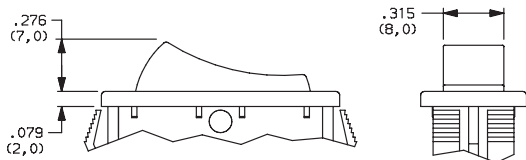
* CM12 - for switches with both marking and illumination



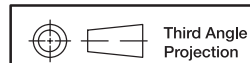
The diagram shows a horizontal sequence of nodes connected by arrows. It starts with two small black nodes, followed by a larger white node, and then a series of smaller white nodes of different sizes. The nodes are connected by arrows pointing to the right, indicating a linked list structure.

J1 ROCKER

J3 ILLUMINATED ROCKER



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



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CM Series

Single Pole Power Rocker Switches

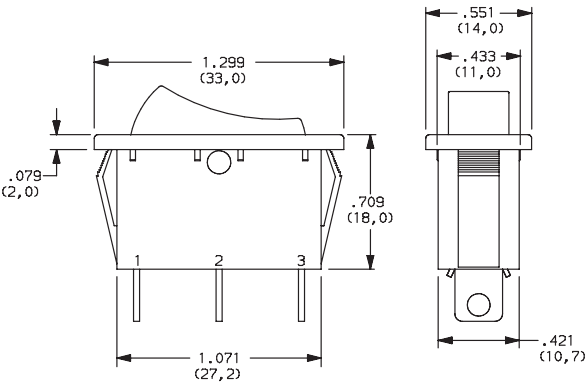
ACTUATOR COLOR

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

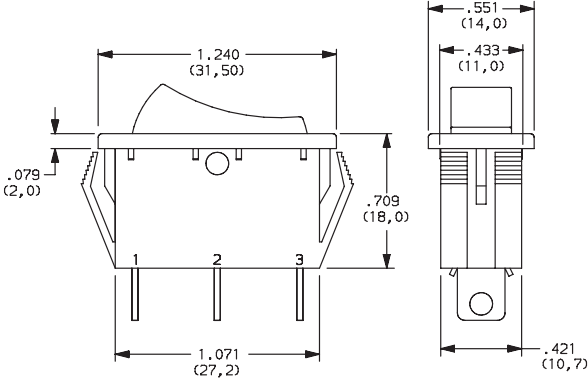
MOUNTING STYLE/COLOR

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

S4 SNAP-IN, BLACK (SHORT FRAME)
S3 SNAP-IN, WHITE

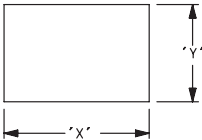


Shown in Pos. 1



Shown in Pos. 1

PANEL MOUNTING

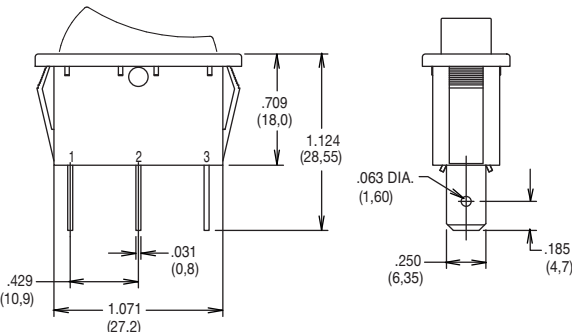


PANEL THICKNESS	"X"	"Y"
0.030-0.049 (0,75-1,25)	1.189-.004 (30,2-0,1)	0.441+.004 (11,2+0,1)
0.049-0.079 (1,25-2,0)	1.197-.004 (30,4-0,1)	0.441+.004 (11,2+0,1)
0.079-0.118 (2,0-3,0)	1.212-.004 (30,8-0,1)	0.441+.004 (11,2+0,1)

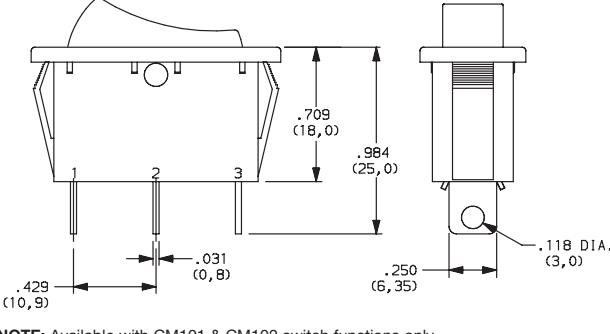
TERMINATION

05 .250 QUICK CONNECT

07 SOLDER LUG



Shown in Pos. 1



NOTE: Available with CM101 & CM102 switch functions only.

Rocker



G

C&K

Third Angle Projection

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

CM Series Single Pole Power Rocker Switches

ACTUATOR MARKING

NONE

NO MARKING

D

ON-OFF

ON

OFF

H

O I

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○

P

O -

I

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NOTE: Orientation of actuator marking and terminals.

Shown in Pos. 1

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 (UL/CSA).

* 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-93

Third Angle Projection

Dimensions are shown: Inches (mm)

Specifications and dimensions subject to change

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Rocker

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