

C&K 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**



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: $10^8 \Omega \text{ min.}$

DIELECTRIC STRENGTH: 1.500 VRMS @ sea level.

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

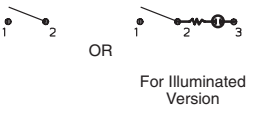
To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages 20 thru 22. For additional options not shown in catalog, consult Customer Service Center.

Switch Function		Actuator		Termination		Contact Rating	
CM101	SPDT On-None-On	J1	Rocker	05	(STD.) .250" quick connect	QA	(STD.) Silver
CM102	SPST On-None-Off	J3	Illuminated rocker	07	Solder lug		
CM103	SPDT On-Off-On	J6	Rocker				
CM107	SPDT On-Off-Mom.	J8	Illuminated rocker				
CM12 *	SPST On-None-Off						

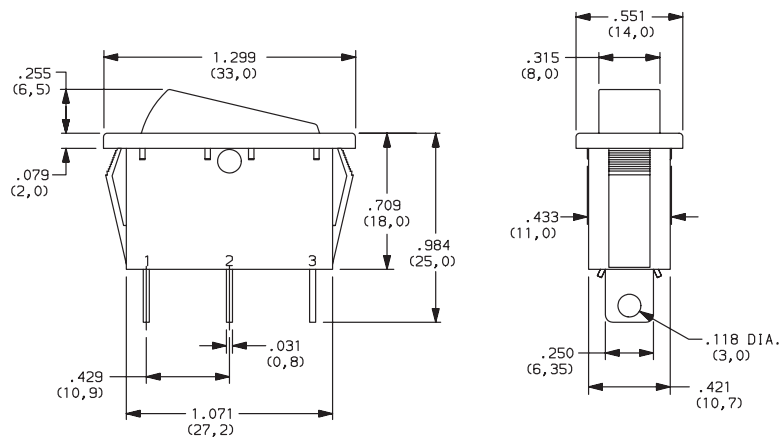
* CM12 - for switches with both marking and illumination

C&K CM Series Single Pole Power Rocker Switches

SWITCH FUNCTION

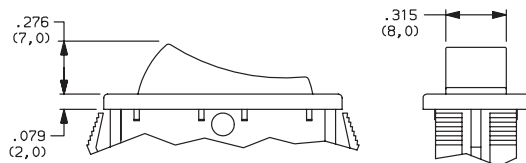
NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS			SCHEMATIC
								
SP	CM101	ON	NONE	ON	2-3	N/A	2-1	
	CM102	ON	NONE	OFF				
	CM103	ON	OFF	ON				
	CM107	ON	OFF	MOM.				
	CM12 *	ON	NONE	OFF				

* CM12 - for switches with both marking and illumination



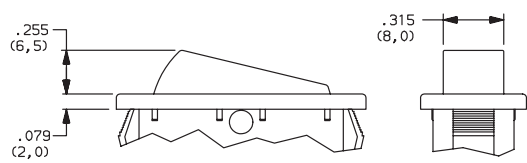
ACTUATOR

J1 ROCKER
J3 ILLUMINATED ROCKER



NOTE: J3 actuator available with CM102 switch function only.

J6 ROCKER
J8 ILLUMINATED ROCKER



NOTE: J8 actuator available with CM102 switch function only.

C&K CM Series

Single Pole Power Rocker Switches

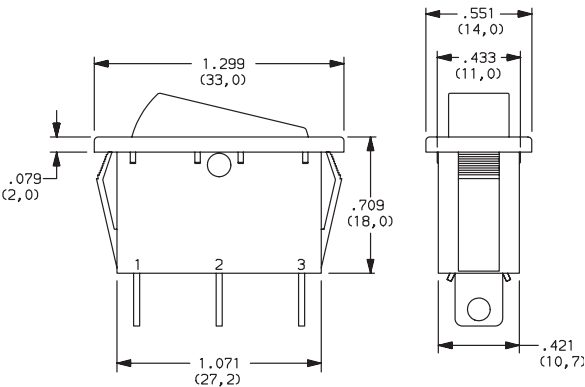
ACTUATOR COLOR

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

MOUNTING STYLE/COLOR

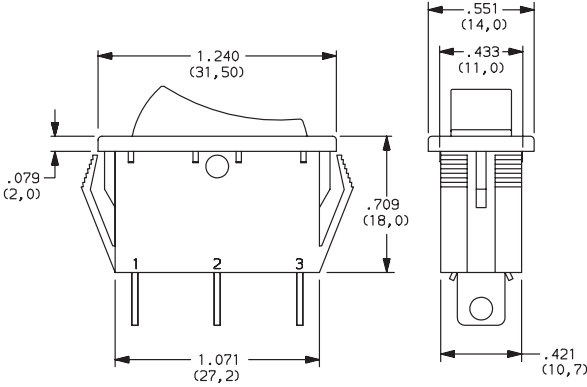
S2 (STD.) SNAP-IN, BLACK

S1 SNAP-IN, WHITE

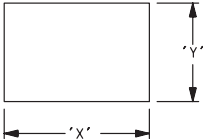


S4 (STD.) SNAP-IN, BLACK (SHORT FRAME)

S3 SNAP-IN, WHITE



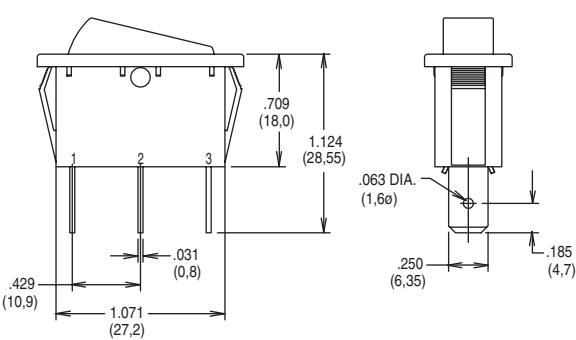
PANEL



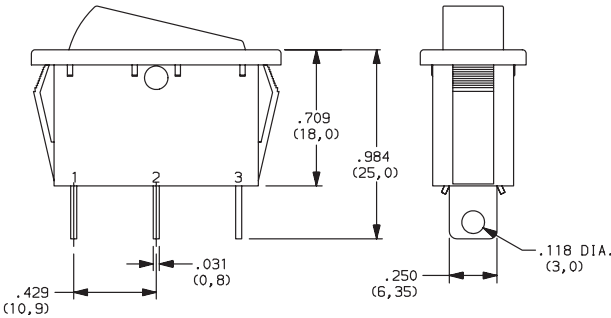
PANEL THICKNESS	"X"	"Y"
0.030-0.049 (0,75-1,25)	1.189-.004 (30,2-0,1)	0.441+.004 (11,2+0,1)
0.049-0.079 (1,25-2,0)	1.197-.004 (30,4-0,1)	0.441+.004 (11,2+0,1)
0.079-0.118 (2,0-3,0)	1.212-.004 (30,8-0,1)	0.441+.004 (11,2+0,1)

TERMINATION

05 (STD.) .250" QUICK CONNECT



07 SOLDER LUG



NOTE: Available with CM101 & CM102 switch functions only.

C&K CM Series

Single Pole Power Rocker Switches

ACTUATOR MARKING

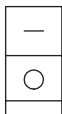
NONE (STD.) NO MARKING



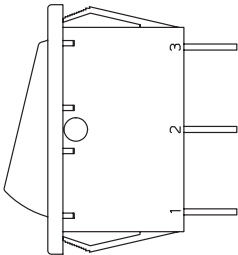
D ON-OFF



H O I



P O -



NOTE: Orientation of actuator marking and terminals.

CONTACT MATERIAL

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

LAMP RATING

(NONE) NO LAMP

7 125 VAC 33kΩ NEON

8 250 VAC 150kΩ NEON

NOTE: Lamp rating for J3 & J8 actuator option.