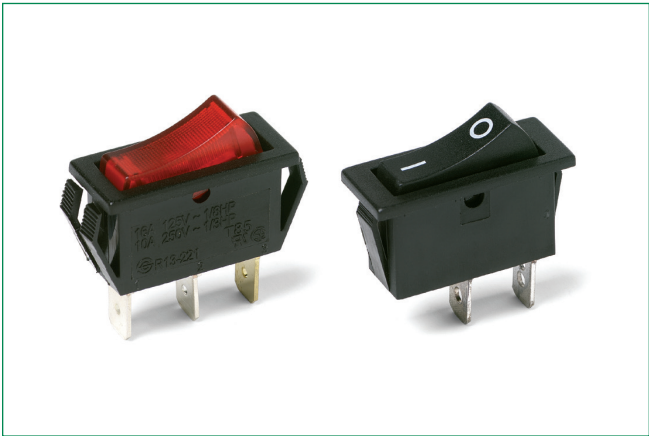


CM Series

Single Pole Power Rocker Switches



Description

Designers of power supplies, industrial equipment and small appliances need a quality rocker switch that can withstand repeated use. That’s why so many turn to the CM series single pole power rocker switch. The CM series feature an easy to install snap-in design and are available with multiple actuator and termination styles as well as various types of illumination.

Features & Benefits

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

Applications

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

Agency Approvals

Agency	Agency File Number
	E42363

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.
Dielectric Strength	1,500 Vrms min. @ sea level.
Insulation Resistance	10 ⁸ Ω min.
Operating Temperature	-20°C to 80°C

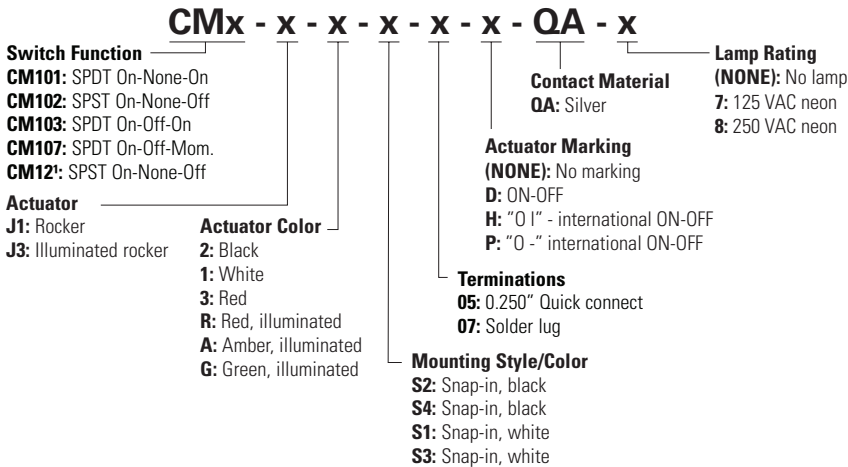
Materials

Actuator & Housing	6/6 nylon (UL 94V-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.

Notes:
Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Ordering Number

To order, simply select desired option from each category and place in the appropriate box. For additional options not shown in catalog, consult Customer Service Center.



Notes:
1. CM12 — for switches with both marking and illumination

CM Series

Single Pole Power Rocker Switches



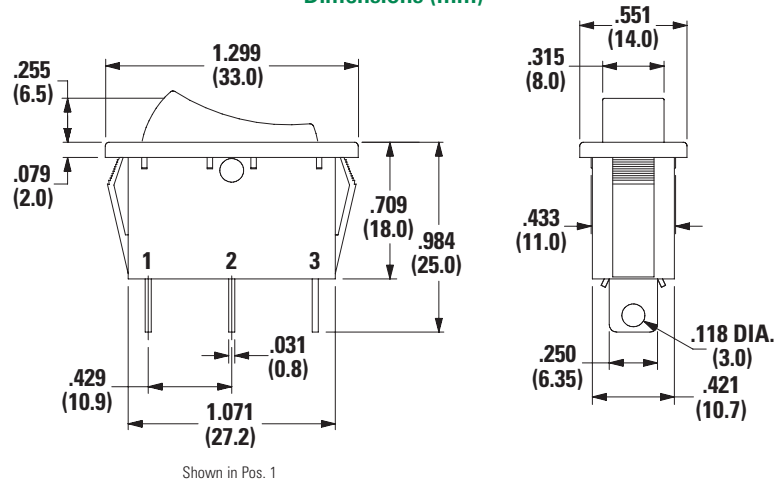
Switch Function

No. Poles	Model No.	Switch Function			Connected Terminals			Schematic	
		C&K marking on opposite side							
		POS.1 	POS.2 	POS.3 	POS.1 	POS.2 	POS.3 		
SP	CM101	ON	NONE	ON	2-1	N/A	2-3		
	CM102			OFF			OPEN		
SP	CM103	ON	OFF	ON	2-1	OPEN	2-3		
	CM107			MOM.					
SP	CM12 ¹	ON	NONE	OFF	2-1	N/A	OPEN		

Note:

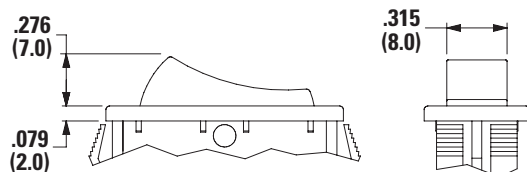
1. CM12 — for switches with both marking and illumination

Dimensions (mm)



Actuator Dimensions (mm)

J1 Rocker J3 Illuminated Rocker



Actuator Color

Option Code	Actuator Color
2	Black
1	White
3	Red
R	Red, Illuminated
A	Amber, Illuminated
G	Green, Illuminated

Note:

1. J3 actuator available with CM102 & CM12 switch function only

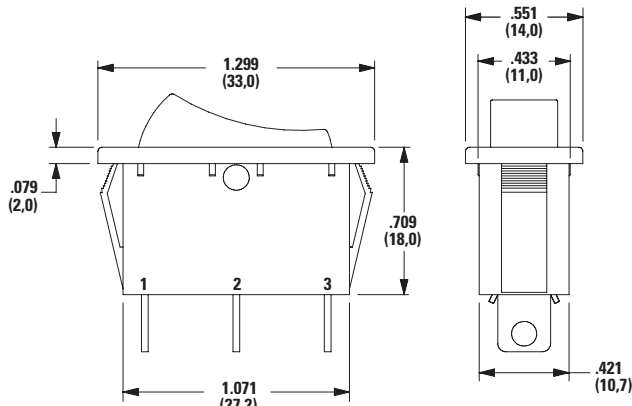
CM Series

Single Pole Power Rocker Switches



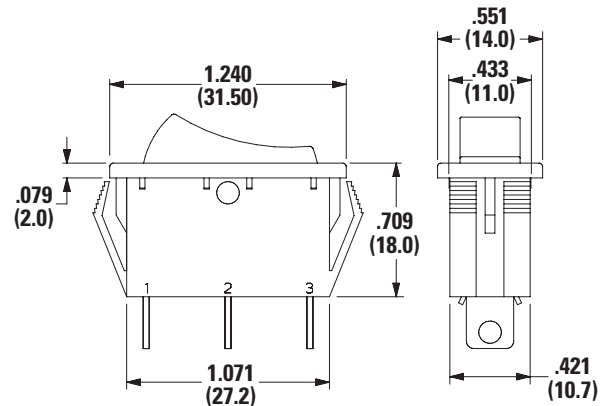
Mounting Style/Color Dimensions (mm)

S2 Snap-in, Black
S1 Snap-in, White



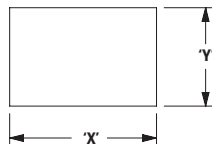
Shown in Pos. 1

S4 Snap-in, Black (Short-Frame)
S3 Snap-in, White



Shown in Pos. 1

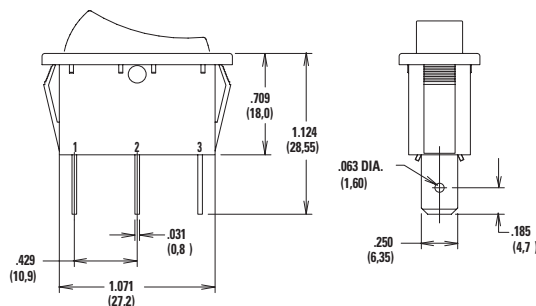
Panel Mounting



Panel Thickness	"X"	"Y"
0.030-0.049 (0.75-1.25)	1.189-0.004 (30.2-0.1)	0.441 + 0.004 (11.2+0.1)
0.049-0.079 (1.25-2.0)	1.197-0.004 (30.4-0.1)	0.441 + 0.004 (11.2+0.1)
0.079-0.118 (2.0-3.0)	1.212-0.004 (30.8-0.1)	0.441 + 0.004 (11.2+0.1)

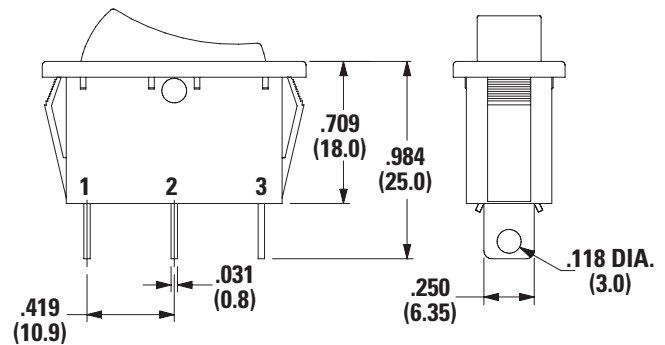
Termination Dimensions (mm)

05 0.250" Quick Connect



Shown in Pos. 1

07 Solder Lug



Note: Available with CM102 & CM12 switch functions only.

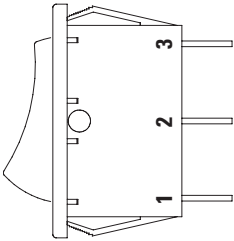
CM Series

Single Pole Power Rocker Switches



Actuator Markings

None No Marking	D On-Off	H O	P O -



Shown in Pos. 1

Note: Orientation of actuator marking and terminals.

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

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

Lamp Rating

- (NONE) No Lamp
- 7 125 VAC 33kΩ Neon
- 8 250 VAC 150kΩ Neon

Note: Lamp rating for J3 & J8 actuator option.