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***

c UL us

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 Ω min.
DIELECTRIC STRENGTH: 1,500 VRMS @ sea level.
OPERATING TEMPERATURE: -20°C to +80°C

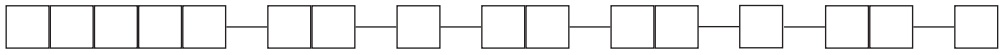
Materials

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

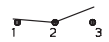
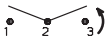
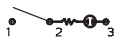
Actuator Marking
(NONE) No marking
D ON-OFF
H "O I" - international ON-OFF
P "O -" international ON-OFF

Contact Rating
QA Silver

Lamp Rating
(NONE) No lamp
7 125 VAC neon
8 250 VAC neon

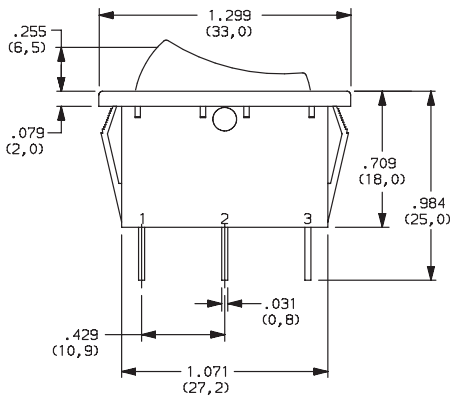
* CM12 - for switches with both marking and illumination

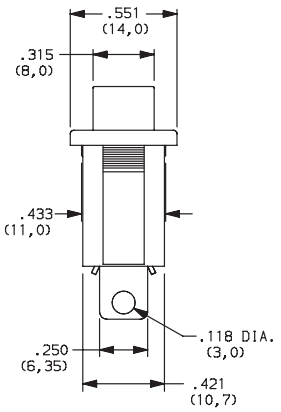
SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION Pos. 1	SWITCH FUNCTION Pos. 2	SWITCH FUNCTION Pos. 3	CONNECTED TERMINALS Pos. 1	CONNECTED TERMINALS Pos. 2	CONNECTED TERMINALS Pos. 3	SCHEMATIC
		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

Shown in Pos. 1

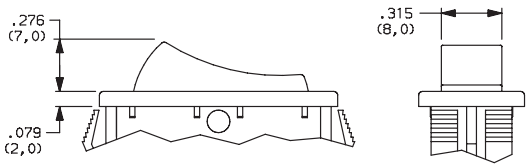




ACTUATOR

J1 ROCKER

J3 ILLUMINATED ROCKER



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

Third Angle Projection

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

CM Series
Single Pole Power Rocker Switches

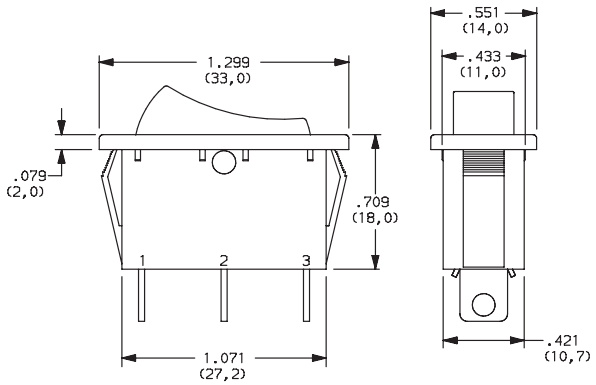
ACTUATOR COLOR

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

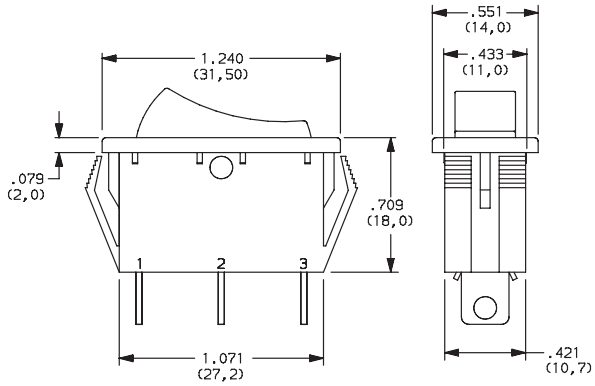
S1 SNAP-IN, WHITE



Shown in Pos. 1

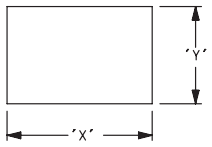
S4 SNAP-IN, BLACK (SHORT FRAME)

S3 SNAP-IN, WHITE



Shown in Pos. 1

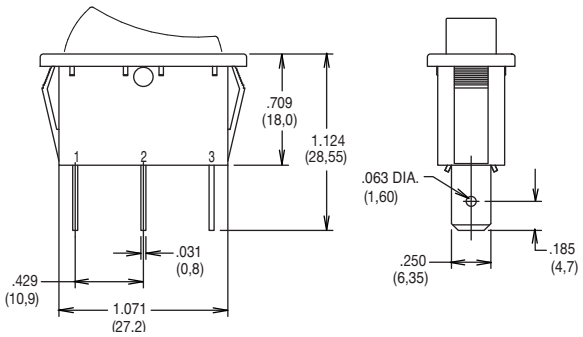
PANEL MOUNTING



PANEL THICKNESS	"X"	"Y"
0.030-0.049 (0,75-1,25)	1.189-.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)

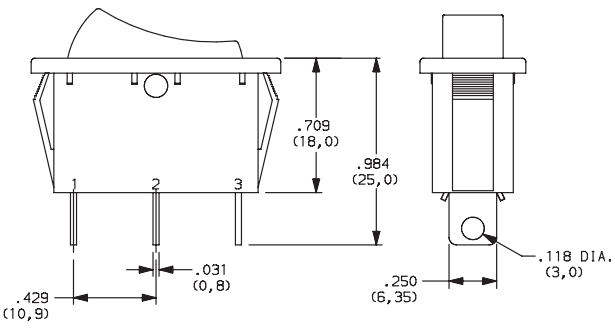
TERMINATION

05 .250 QUICK CONNECT



Shown in Pos. 1

07 SOLDER LUG



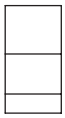
NOTE: Available with CM101 & CM102 switch functions only.

Third Angle Projection

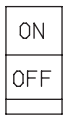
Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change

ACTUATOR MARKING

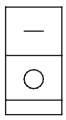
NONE NO MARKING



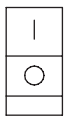
D ON-OFF

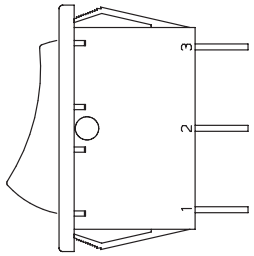


H O I



P O -





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

* 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.

Third Angle Projection

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