

CN Series

Double Pole Power Rocker Switches

Features/Benefits

- Illuminated versions available
- Multiple actuator and termination styles
- Robust design
- Custom version upon request
- RoHS compliant



Typical Applications

- Appliances
- Office equipment
- Computers and peripherals
- Off-road vehicles
- Industrial machines
- HVAC units
- Transportation



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: 10⁸ Ω min.
 DIELECTRIC STRENGTH: 1,500 VRMS @ sea level.
 OPERATING TEMPERATURE: -20°C to +85°C

Materials

HOUSING AND ACTUATOR: 6/6 nylon (UL94V-2), black, matte finish.
 ILLUMINATED ACTUATOR: Polycarbonate, matte finish.
 CENTER CONTACTS: Silver plated, copper alloy.
 END CONTACTS: Silver plated AgSu0₂In0₃.
 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-99 through G-101. For additional options not shown in catalog, consult Customer Service Center.

Switch Function

CN201

DPDT On-None-On

CN202

DPST On-None-Off

CN22 *

DPST On-None-Off

Actuator

J1

Rocker

J3

Illuminated rocker

J6

Rocker

J8

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

15

.187" quick connect

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

Q

Silver

QA

Silver (with HP rating)

Lamp Rating

(NONE)

No lamp

7

125 VAC neon

8

250 VAC neon

* CN22 - for switches with both marking and illumination

Rocker



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

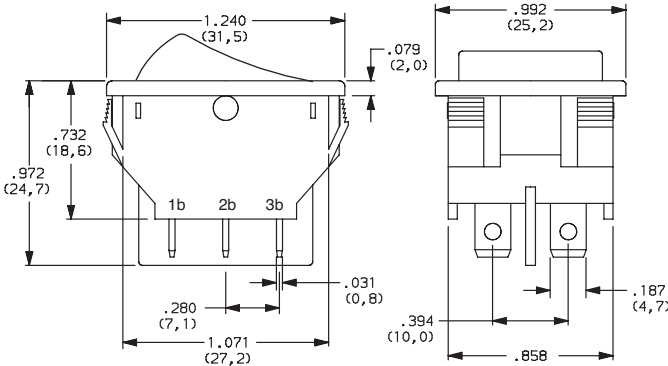
CN Series

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SWITCH FUNCTION

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			
DP	CN201	ON	NONE	ON	2-1 4-5	N/A	2-3 6-5	
	CN202	ON	NONE	OFF			OPEN	
	CN22 *	ON	NONE	OFF				

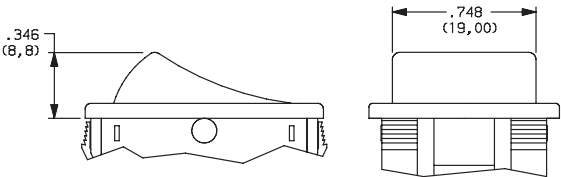
* CN22 - for switches with both marking and illumination



Shown in Pos. 1

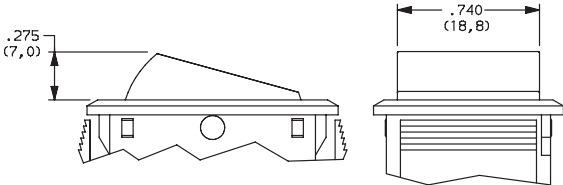
ACTUATOR

- J1 ROCKER
- J3 ILLUMINATED ROCKER

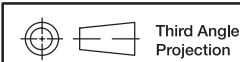


NOTE: J1 & J3 actuators available with Q contact rating only.
J3 actuator available with CN202 & CN22 switch function only.

- J6 ROCKER
- J8 ILLUMINATED ROCKER



NOTE: J6 & J8 actuators available with QA contact rating only.
J6 actuator available with CN201 & CN202 switch functions,
J8 actuator available with CN202 & CN22 switch function only.



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ACTUATOR COLOR

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

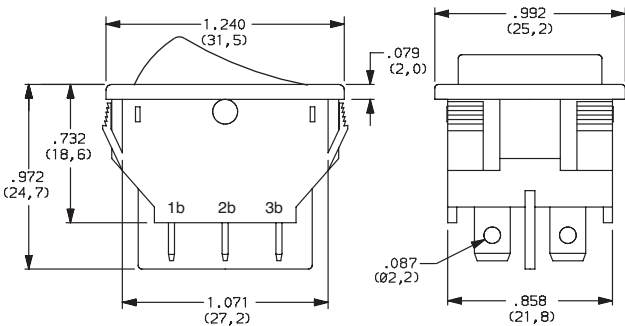
MOUNTING STYLE/COLOR

S2 SNAP-IN, BLACK

S1 SNAP-IN, WHITE

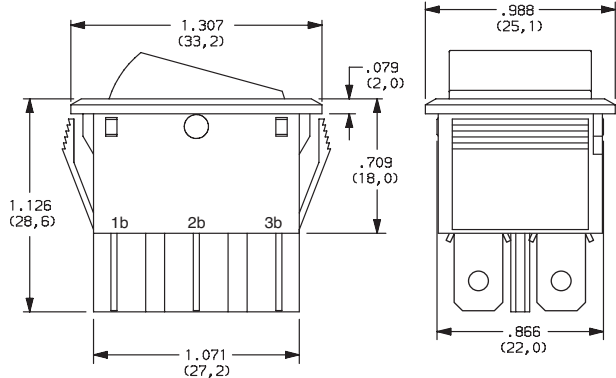
S4 SNAP-IN, BLACK

S3 SNAP-IN, WHITE



NOTE: Available with 15 termination and Q contact rating only.

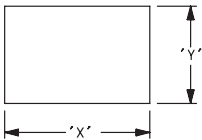
Shown in Pos. 1



NOTE: Available with 05 termination and QA contact rating only.

Shown in Pos. 1

PANEL MOUNTING

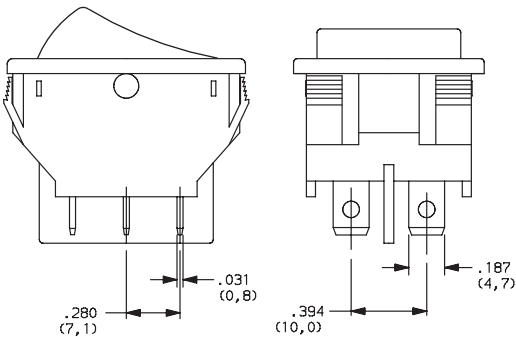


PANEL THICKNESS	"X"	"Y"
0.030-0.049 (0,75-1,25)	1.190-.004 (30,2-0,1)	0.874+.004 (22,2+0,1)
0.049-0.079 (1,25-2,0)	1.197-.004 (30,4-0,1)	0.874+.004 (22,2+0,1)
0.079-0.118 (2,0-3,0)	1.213-.004 (30,8-0,1)	0.874+.004 (22,2+0,1)

TERMINATION

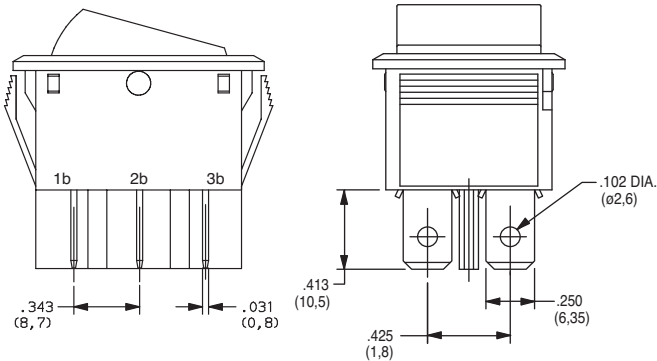
15 .187" QUICK CONNECT

05 .250" QUICK CONNECT



NOTE: Available with S1 & S2 mounting style and Q contact rating only.

Shown in Pos. 1



NOTE: Available with S3 & S4 mounting styles and QA contact rating, CN201 & CN202 switch functions only.

Shown in Pos. 1



Dimensions are shown: Inches (mm)

Specifications and dimensions subject to change

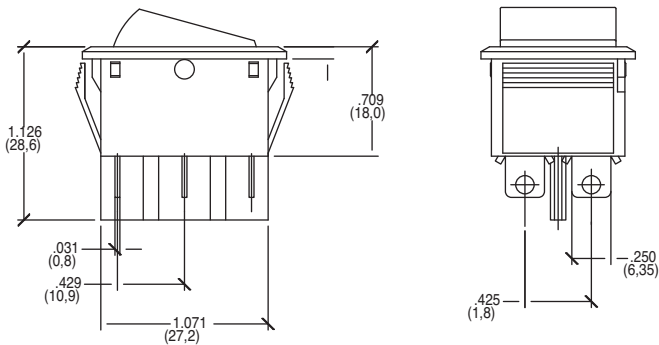


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TERMINATION

07 SOLDER LUG



Shown in Pos. 1

ACTUATOR MARKING

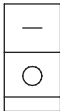
NONE NO MARKING



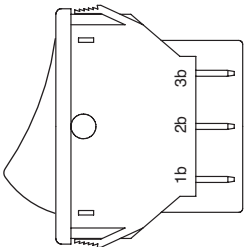
D ON-OFF



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	
Q	SILVER	POWER	16 AMPS @ 125 VAC; 10 AMPS @ 250 VAC
QA			16 AMPS @ 125 VAC, 1/8 HP @ 125 VAC; 10 AMPS @ 250 VAC, 1/3 HP @ 250 VAC

* 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 options.



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