

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:

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 +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 $\text{AgSuO}_2\text{InO}_3$.

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	
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* CN22 - for switches with both marking and illumination

Rocker



G

C&K

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

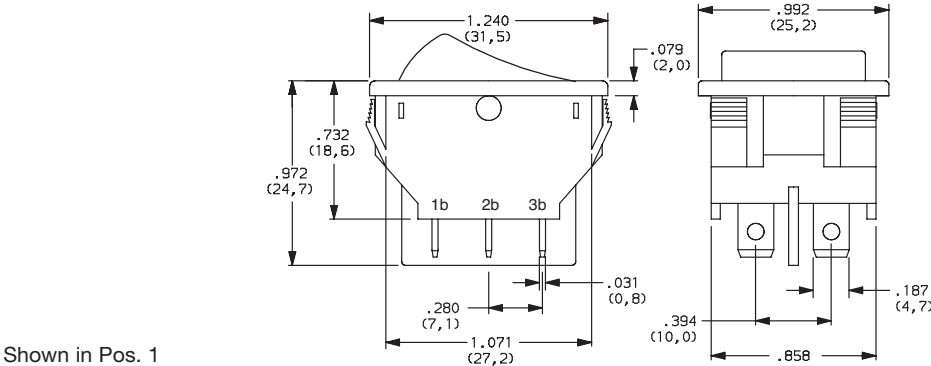
CN Series

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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				 For Illuminated Version

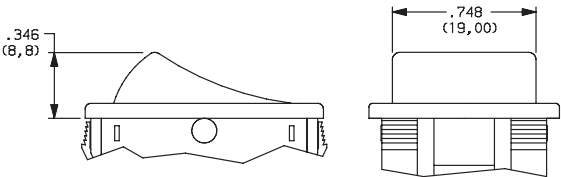
* CN22 - for switches with both marking and illumination



Shown in Pos. 1

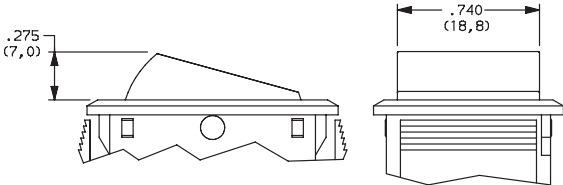
ACTUATOR

- 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.



Third Angle Projection

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

CN Series

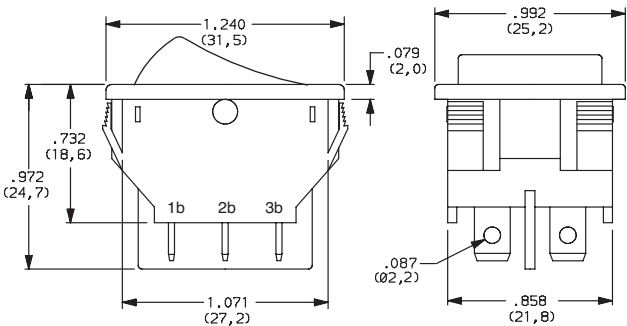
Double Pole Power Rocker Switches

ACTUATOR COLOR

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

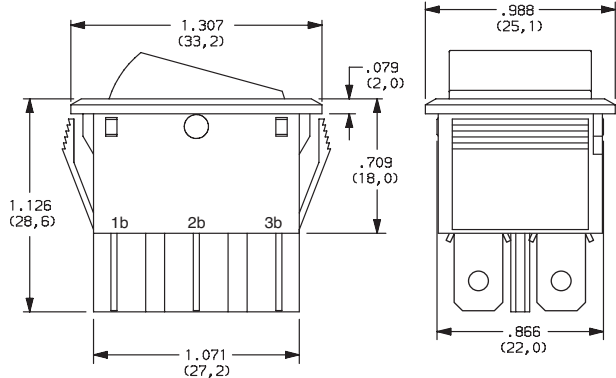
MOUNTING STYLE/COLOR

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



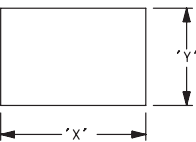
NOTE: Available with 15 termination and Q contact rating only.
Shown in Pos. 1

S4 SNAP-IN, BLACK
S3 SNAP-IN, WHITE



NOTE: Available with 05 termination and QA contact rating only.
Shown in Pos. 1

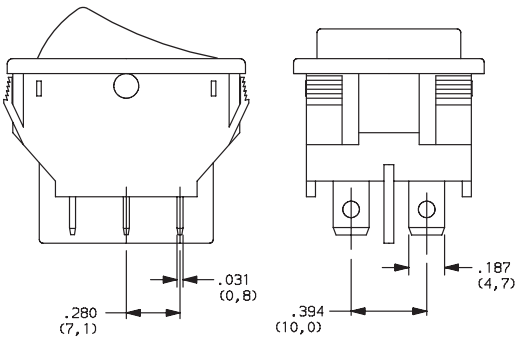
PANEL MOUNTING



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)

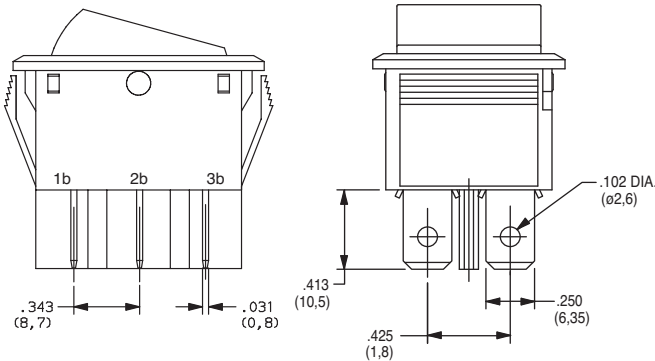
TERMINATION

15 .187" QUICK CONNECT



NOTE: Available with S1 & S2 mounting style and Q contact rating only.
Shown in Pos. 1

05 .250" QUICK CONNECT



NOTE: Available with S3 & S4 mounting styles and QA contact rating, CN201 & CN202 switch functions only.
Shown in Pos. 1



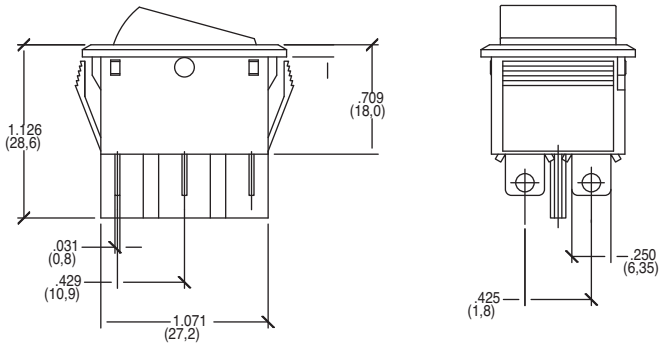
Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change



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TERMINATION

07 SOLDER LUG



Shown in Pos. 1

ACTUATOR MARKING

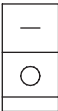
NONE NO MARKING



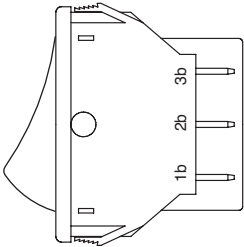
D ON-OFF



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 (UL/CSA)
QA*			16 AMPS @ 125 VAC, 1/8 HP @ 125 VAC; 10 AMPS @ 250 VAC, 1/3 HP @ 250 VAC (UL/CSA)

* Not available with CN203, CN205 & CN207 switch functions.

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

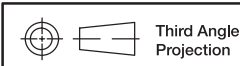
LAMP RATING

(NONE) NO LAMP

7 125 VAC 33kΩ NEON

8 250 VAC 150kΩ NEON

NOTE: Lamp rating for J3 & J8 actuator options.



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