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:

See table for Q and QA ratings on the last page of this series. 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

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 AgSu02ln03.

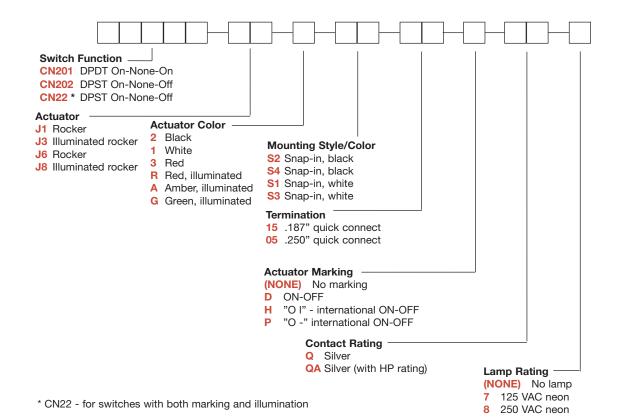
ALL TERMINALS: Silver plated, copper alloy.

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

Materials

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.





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

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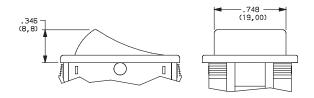
SWITCH FUNCTION _____

		SWITCH FUNCTION		CONNECTED TERMINALS				
	-	Pos. 1	Pos. 2	Pos. 3	Pos. 1	Pos. 2	Pos. 3	
NO. POLES	MODEL NO.	C&K r	marking on oppos	ite side	C&K ma	rking on opposite si	de	SCHEMATIC
DP	CN201	ON	NONE	ON	2-1 4-5	N/A	2-3 6-5	1A 2A 3A 1B 2B 3B
	CN202	ON	NONE	OFF		OPEN	1A 2A OR 1A 22A OR 1B 2B B For Illuminated	
	CN22 *	ON	NONE	OFF				Version
* CN22 - f	* CN22 - for switches with both marking and illumination							
1. 240 (31,5) (25,2) (25,2)								
Shown in Pos. 1 -972 (24,7) -031 (0,8) -394 (10,0) -858 (21,8)								

ACTUATOR _____

J1 ROCKER

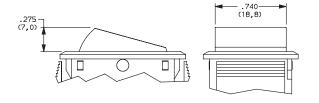
J3 ILLUMINATED ROCKER



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



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 & CN202 switch function only.



CN Series

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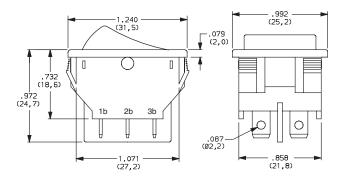
ACTUATOR COLOR

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

MOUNTING STYLE/COLOR ————

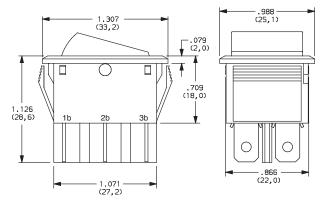
S2 SNAP-IN, BLACK

\$1 SNAP-IN, WHITE



\$4 SNAP-IN, BLACK

\$3 SNAP-IN, WHITE



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

Shown in Pos. 1

PANEL MOUNTING

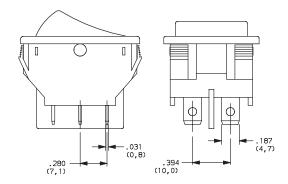
NOTE: Available with 05 termination and QA contact rating only. Shown in Pos. 1



PANEL THICKNESS	"X"	"Y"
0.030-0.049 (0,75-1,25)	1.190004 (30,2-0,1)	0.874+.004 (22,2+0,1)
0.049-0.079 (1,25-2,0)	1.197004 (30,4-0,1)	0.874+.004 (22,2+0,1)
0.079-0.118 (2,0-3,0)	1.213004 (30,8-0,1)	0.874+.004 (22,2+0,1)

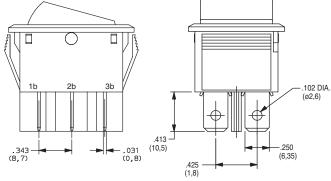
TERMINATION -----

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



Rocker



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NONE NO MARKING D ON-OFF P O NOTE: Orientation of actuator marking and terminals. Shown in Pos. 1

OPTION CODE	CONTACT AND TERMINAL MATERIAL	RATINGS		
Q		POWER	16A @ 125C 1/3 HP @ 125 V AC 10A @ 250 V AC 1/2HP @ 250 V AC	
QA	SILVER		16A @ 125 VAC, 1/8 HP @ 125 V AC; 10 A @ 250 VAC, 1/3 HP @ 250 V AC	

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



LAMP RATING

(NONE) NO LAMP

7 125 VAC 33k Ω NEON

8 250 VAC 150kΩ NEON

NOTE: Lamp rating for J3 & J8 actuator options.



