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.

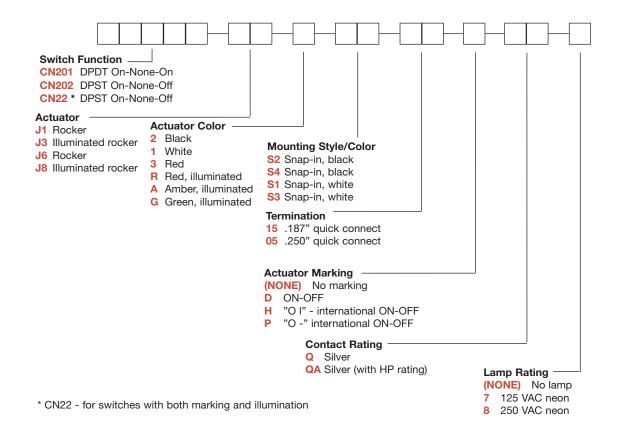
ALL TERMINALS: Silver plated, copper alloy.

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.





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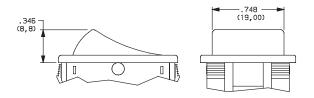
SWITCH FUNCTION

		SWITCH FUNCTION		CON	INECTED TERMINA				
	-	Pos. 1	Pos. 2	Pos. 3	Pos. 1	Pos. 2	Pos. 3		
				4			4		
NO. POLES	MODEL NO.	C&K r	narking on oppos	ite side	C&K ma	arking on opposite si	de	SCHEMATIC	
DP	CN201	ON	NONE	ON	2-1 4-5	2-1	N/A	2-3 6-5	1A 2A 3A 1B 2B 3B
Di .	CN202	ON	NONE	OFF		IVA	OPEN	1A 2A	
	CN22 *	ON	NONE	OFF				Version	
* CN22 - f	or switches w	ith both mar	king and illum	nination					
		.73 (18,		-1.240 (31,5)	.079	.992 (25, 2)			
Shown ir	n Pos 1	.972 (24,7)	.280 (7,1)	2b 3b	031 (0,8)	.858	187 (4,7)		

ACTUATOR ----

J1 ROCKER

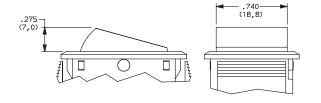
J3 ILLUMINATED ROCKER



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 & CN22 switch function only.



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

CN Series

Double Pole Power Rocker Switches

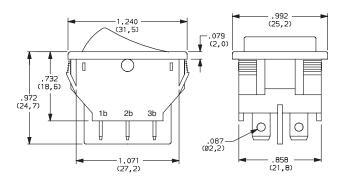
ACTUATOR COLOR

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

MOUNTING STYLE/COLOR

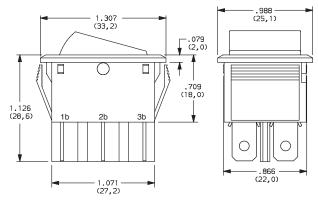
\$2 SNAP-IN, BLACK

\$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.

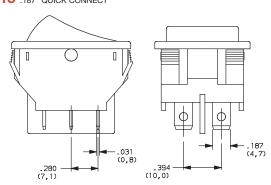
Shown in Pos. 1



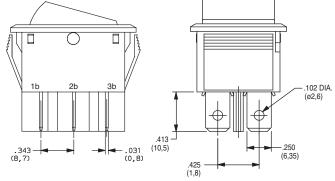
PANEL THICKNESS	"X"	"Y"	
0.030-0.049 (0,75-1,25)	1.190004 (30,2-0,1)	0.874+.004 (22,2+0,1)	
0.049-0.079 (1,25-2,0)	1.197004 (30,4-0,1)	0.874+.004 (22,2+0,1)	
0.079-0.118 (2,0-3,0)	1.213004 (30,8-0,1)	0.874+.004 (22,2+0,1)	

TERMINATION ----

15 .187" QUICK CONNECT



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

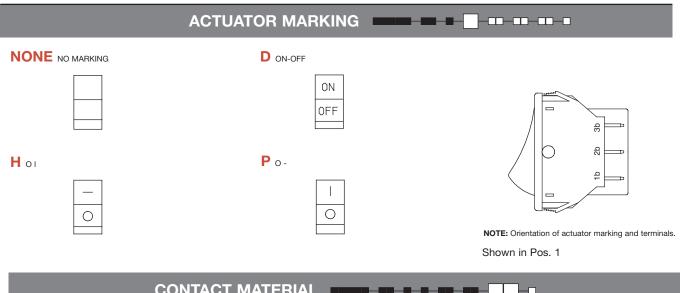
 $\label{eq:NOTE: Available with S1 \& S2 mounting style and Q contact rating only. \\$ Shown in Pos. 1



Rocker



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CONTIAC	· WAILINAL		

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



