

CN Series

Double Pole Power Rocker Switches



Agency Approvals

Agency	Agency File Number
	E42363

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.
Dielectric Strength	1,500 Vrms min. @ sea level
Insulation Resistance	10 ⁹ Ω min.
Operating Temperature	-20°C to 85°C

Description

The CN series double pole power rocker switch is a quality, long-lasting switch designed for use in power supply, industrial equipment and HVAC products. Featuring optional illumination and multiple actuator and termination styles, the robust design of the CN series guarantees to make your products stand out.

Features & Benefits

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

Applications

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

Materials

Actuator & Housing	6/6 nylon (UL 94 V-2), black, matte finish
Illuminated Actuator	Polycarbonate, matte finish
Center Contacts	Silver plated, copper alloy
End Contacts	Silver plated Ag ₂ SuO ₂ InO ₃
All Terminals	Silver plated, copper alloy

Notes:

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

Ordering Number

To order, simply select desired option from each category and place in the appropriate box. For additional options not shown in catalog, consult Customer Service Center.

CNxxx - xx - x - xx - xx - x - xx - x					
Switch Function		Actuator Color		Actuator Marking	
CN201: DPDT On-None-On		2: Black		(NONE): No marking	
CN202: DPST On-None-Off		1: White		D: ON-OFF	
CN221: DPST On-None-Off		3: Red		H: "O I" - international ON-OFF	
Actuator		R: Red, illuminated		P: "O -" international ON-OFF	
J1: Rocker		A: Amber, illuminated		Terminations	
J3: Illuminated rocker		G: Green, illuminated		15: 0.187" Quick connect	
J6: Rocker				05: 0.250" Quick connect	
J8: Illuminated rocker				Mounting Style/Color	
				S2: Snap-in, black	
				S4: Snap-in, black	
				S1: Snap-in, white	
				S3: Snap-in, white	
				Lamp Rating	
				(NONE): No lamp	
				7: 125 VAC neon	
				8: 250 VAC neon	

Notes:

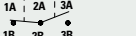
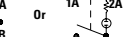
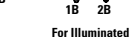
1. CN22 — for switches with both marking and illumination

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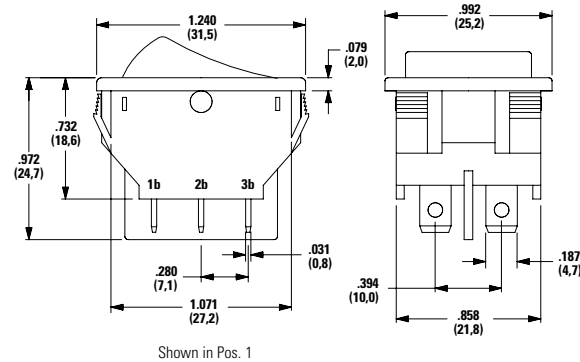
Switch Function

No. Poles	Model No.	Switch Function			Connected Terminals			Schematic	
		C&K marking on opposite side							
		POS.1 	POS.2 	POS.3 	POS.1 	POS.2 	POS.3 		
DP	CN201	ON	NONE	ON	2-1, 4-5	N/A	2-3, 6-5		
DP	CN202	ON	NONE	OFF	2-1, 4-5	N/A	OPEN	 Or  For Illuminated Version	
DP	CN22 ¹	ON	NONE	OFF	2-1, 4-5	N/A	OPEN		

Note:

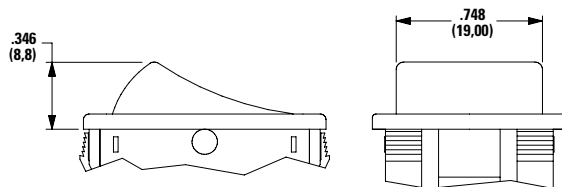
1. CN22 — for switches with both marking and illumination

Inches (mm)



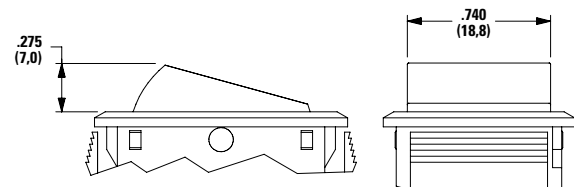
Actuator inches (mm)

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



Notes: 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.

Option Code	Actuator Color
2	Black
1	White
3	Red
R	Red, Illuminated
A	Amber, Illuminated
G	Green, Illuminated

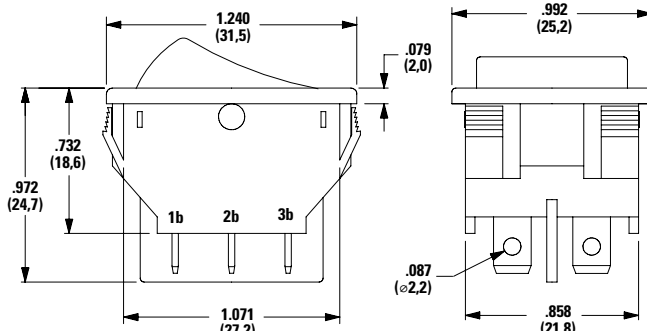
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Mounting Style/Color inches (mm)

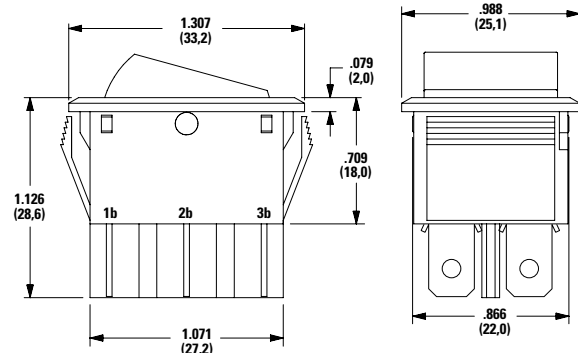
S2 Snap-in, Black
S1 Snap-in, White



Shown in Pos. 1

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

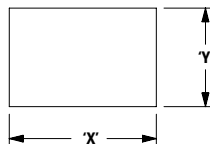
S4 Snap-in, Black (Short-Frame)
S3 Snap-in, White



Shown in Pos. 1

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

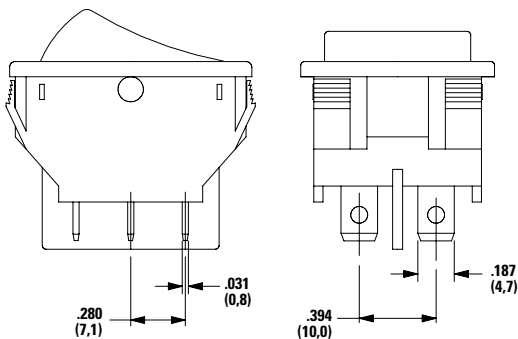
Panel Mounting



Panel Thickness	"X"	"Y"
0.030-0.049 (0.75-1.25)	1.190-0.004 (30.2-0.1)	0.874 + 0.004 (22.2+0.1)
0.049-0.079 (1.25-2.0)	1.197-0.004 (30.4-0.1)	
0.079-0.118 (2.0-3.0)	1.213-0.004 (30.8-0.1)	

Termination inches (mm)

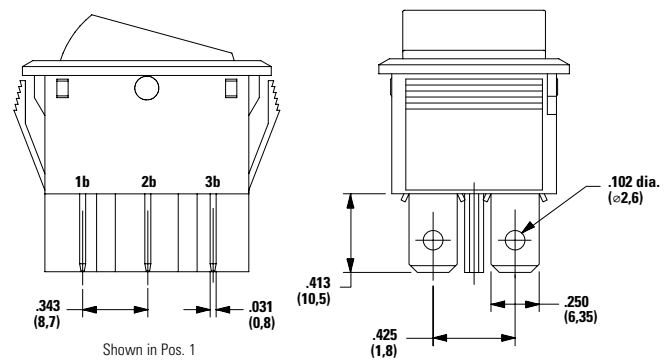
15 0.187" Quick Connect



Shown in Pos. 1

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

05 0.250" Quick Connect



Shown in Pos. 1

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

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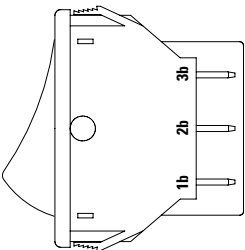
Actuator Markings

None No Marking

D On-Off

H O |

P O -



Shown in Pos. 1

Note: Orientation of actuator marking and terminals.

Contact Material

Option Code	Contact and Terminal Material	Ratings	
Q	Silver	Power	16A @ 125C 1/3 HP @ 125 V AC 10A @ 250 V AC ½HP @ 250 V AC
QA¹	Silver	Power	16A @ 125 VAC, 1/8 HP @ 125 V AC; 10A @ 250 VAC, 1/3 HP @ 250 V AC

Notes:
1. QA is cURus c

Lamp Rating

- (NONE) No Lamp
 - 7 125 VAC 33kΩ Neon
 - 8 250 VAC 150kΩ Neon
- Note: Lamp rating for J3 & J8 actuator option.

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