**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: -20ºC to +85ºC

**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**
- 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

**Actuator Marking**
- (NONE) No marking
- D ON-OFF
- H "O!" 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

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* CN22 - for switches with both marking and illumination

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**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.
## SWITCH FUNCTION

<table>
<thead>
<tr>
<th>NO. POLES</th>
<th>MODEL NO.</th>
<th>SWITCH FUNCTION</th>
<th>CONNECTED TERMINALS</th>
<th>SCHEMATIC</th>
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<tbody>
<tr>
<td></td>
<td>CN201</td>
<td>ON</td>
<td>NONE</td>
<td>ON</td>
</tr>
<tr>
<td></td>
<td>CN202</td>
<td>ON</td>
<td>NONE</td>
<td>OFF</td>
</tr>
<tr>
<td></td>
<td>CN22 *</td>
<td>ON</td>
<td>NONE</td>
<td>OFF</td>
</tr>
</tbody>
</table>

* CN22 - for switches with both marking and illumination

**J1** ROCKER  
**J3** ILLUMINATED ROCKER  
**J6** ROCKER  
**J8** ILLUMINATED ROCKER

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

**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

<table>
<thead>
<tr>
<th>OPTION CODE</th>
<th>ACTUATOR COLOR</th>
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<tbody>
<tr>
<td>2</td>
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</tr>
<tr>
<td>1</td>
<td>WHITE</td>
</tr>
<tr>
<td>3</td>
<td>RED</td>
</tr>
<tr>
<td>R</td>
<td>RED, ILLUMINATED</td>
</tr>
<tr>
<td>A</td>
<td>AMBER, ILLUMINATED</td>
</tr>
<tr>
<td>G</td>
<td>GREEN, ILLUMINATED</td>
</tr>
</tbody>
</table>

Specifications and dimensions subject to change

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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

PANEL MOUNTING

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
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ACTUATOR MARKING

NONE NO MARKING

NO LAMP

D ON-OFF

On
Off

H 0 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 | 16A @ 125 C 1/3 HP @ 125 V AC
QA | SILVER | 10A @ 250 V AC 1/2 HP @ 250 V AC

16A @ 125 VAC, 1/8 HP @ 125 V AC;
10 A @ 250 VAC, 1/3 HP @ 250 V AC

LAMP RATING

(NONE) NO LAMP

7 125 VAC 33kΩ NEON

8 250 VAC 150kΩ NEON

NOTE: Lamp rating for J3 & J8 actuator options.