

# CA Series

## Illuminated Power Rocker Switches

### Features/Benefits

- 15 AMPS @ 125 V AC
- Illuminated actuator
- Various actuator styles

### Typical Applications

- Power outlet strips
- Appliances
- Handling and packaging machines
- RoHS compliant



### Specifications

CONTACT RATING: 15 AMPS @ 125 V AC; 10 AMPS @ 250 V AC; 1/4 HP @ 125 V AC or 250 V AC.

ELECTRICAL LIFE: 10,000 make-and-break cycles at full load.

LAMP LIFE: 20,000 hours typ.

INSULATION RESISTANCE:  $10^9 \Omega$  min.

DIELECTRIC STRENGTH: 1,000 Vrms min. @ sea level.

### Materials

HOUSING: 6/6 nylon (UL 94V-2), black.

ACTUATOR: Polycarbonate (UL 94V-2), red.

CONTACTS: Coin silver, silver plated.

OPERATING TEMPERATURE: -30°C to +65°C

**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-103 through G-105. For additional options not shown in catalog, consult Customer Service Center.

|                                                                                      |                                                                      |                                                                                                                       |                                                                         |                                                                |                                                     |                                                                                                                |                                                 |
|--------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| <div>Switch Function</div> <div>CA04 SPST, On-Off</div> <div>CA24 DPST, On-Off</div> | <div>Actuator</div> <div>J1 Rocker</div> <div>J7 Curved rocker</div> | <div>Actuator Color</div> <div>3 Red translucent</div> <div>5 Yellow translucent</div> <div>6 Green translucent</div> | <div>Lamp Voltage</div> <div>7 125 V neon</div> <div>8 250 V neon</div> | <div>Housing Color</div> <div>2 Black</div> <div>1 White</div> | <div>Terminations</div> <div>07 Quick connect</div> | <div>Actuator Markings</div> <div>NONE No markings</div> <div>D ON-OFF</div> <div>H 0 I</div> <div>P 0 -</div> | <div>Contact Material</div> <div>Q Silver</div> |
|--------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------|

Rocker



G

C&K



Third Angle  
Projection

Dimensions are shown: Inches (mm)

Specifications and dimensions subject to change

# CA Series Illuminated Power Rocker Switches

## SWITCH FUNCTION



| NO. POLES                                                                                                                                        | MODEL NO.   | SWITCH FUNCTION |        | CONNECTED TERMINALS |        | SCHEMATIC   |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|--------|---------------------|--------|-------------|
|                                                                                                                                                  |             | POS. 1          | POS. 2 | POS. 1              | POS. 2 |             |
| SP                                                                                                                                               | <b>CA04</b> | ON              | OFF    | 1-1A                | OPEN   | <p>SPST</p> |
| <p><b>SPST</b></p> <p>ACTUATOR SHOWN IN POS. 1 - 'ON' POSITION</p> <p>TERMINAL NOS. MARKED ON HOUSING</p> <p>Part number shown: CA04J137207Q</p> |             |                 |        |                     |        |             |
| DP                                                                                                                                               | <b>CA24</b> | ON              | OFF    | 1-1A, 2-2A          | OPEN   | <p>DPST</p> |
| <p><b>DPST</b></p> <p>ACTUATOR SHOWN IN POS. 1 - 'ON' POSITION</p> <p>TERMINAL NOS. MARKED ON HOUSING</p> <p>Part number shown: CA24J137207Q</p> |             |                 |        |                     |        |             |

See CONTACT MATERIAL section, page G-105, for complete contact ratings and agency approvals.  
Contacts make on side opposite actuator thrown.

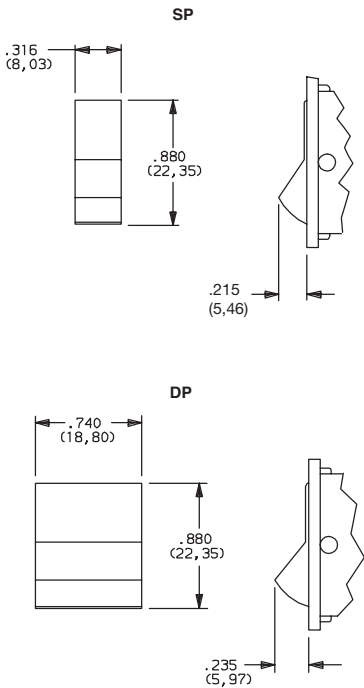
All models with all options.



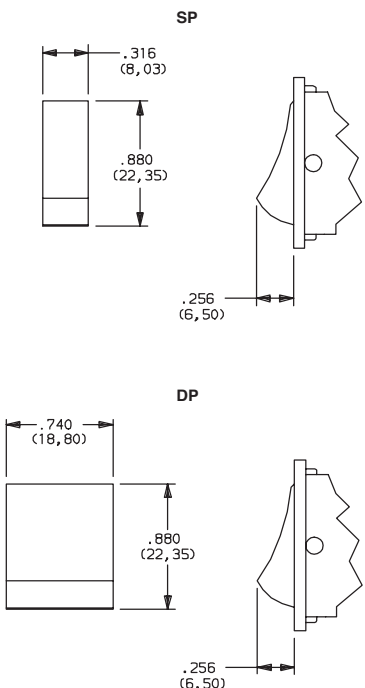
# CA Series Illuminated Power Rocker Switches

## ACTUATOR

**J1**   ROCKER



**J7**   CURVED ROCKER



## ACTUATOR COLOR

| OPTION CODE | ACTUATOR COLOR  |
|-------------|-----------------|
| <b>3</b>    | RED TRANSLUCENT |
| <b>5</b>    | YELLOW          |
| <b>6</b>    | GREEN           |

**NOTE:** Special colors available, consult Customer Service Center.

## NEON LAMP VOLTAGE

- 7**   125 V NEON
- 8**   250 V NEON

## HOUSING COLOR

| OPTION CODE | HOUSING COLOR |
|-------------|---------------|
| <b>2</b>    | BLACK         |
| <b>1</b>    | WHITE         |

**NOTE:** Housing frame finish: matte. Special colors available, consult Customer Service Center.



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

[www.ck-components.com](http://www.ck-components.com)

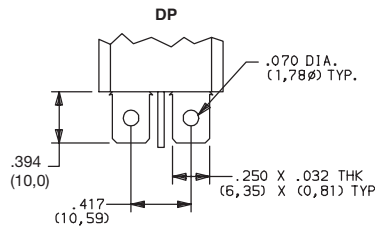
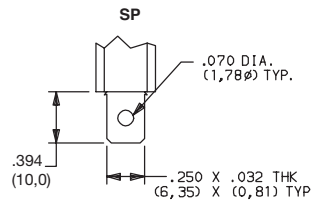
Rocker



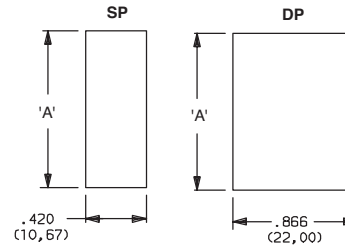
# CA Series Illuminated Power Rocker Switches

## TERMINATIONS

### 07 QUICK CONNECT



### PANEL MOUNTING



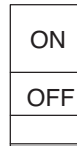
| PANEL THICKNESS            | DIM 'A'          |
|----------------------------|------------------|
| .059-.078<br>(1,50) (2,00) | 1.102<br>(28,00) |
| .078-.118<br>(2,00) (3,00) | 1.110<br>(28,20) |
| .118-.177<br>(3,00) (4,50) | 1.126<br>(28,60) |

## ACTUATOR MARKINGS

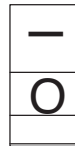
**NONE** NO MARKING



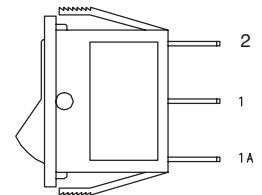
**D** ON-OFF



**H** O I



**P** O -



Marking color white, standard for all actuator colors except yellow. Marking color black, standard for yellow actuators. Consult Customer Service Center for other available markings and colors.

**NOTE:** Orientation of actuator markings and terminals

## CONTACT MATERIAL

| OPTION CODE | CONTACT AND TERMINAL MATERIAL | RATINGS |                                                                                 |
|-------------|-------------------------------|---------|---------------------------------------------------------------------------------|
| <b>Q</b>    | SILVER <sup>1</sup>           | POWER   | 15 AMPS @ 125 V AC; 10 AMPS @ 250 V AC; 1/4 HP @ 125 V AC or 250 V AC (UL/CSA). |

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

<sup>1</sup> CONTACTS: Coin silver, silver plated.  
TERMINALS: Copper, silver plated.

All models **C&K** <sup>®</sup> **US** with all options.



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

[www.ck-components.com](http://www.ck-components.com)

