# CA Series
# Power Rocker Switches

## *Features/Benefits*

- ***15 AMPS @ 125 V AC***
- ***Cosmetic slimline detail***
- ***Positive detent***

## *Typical Applications*

- ***Hair dryers and other small appliances***
- ***HVAC and other large appliances***
- ***RoHS compliant***



c UL us

## 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.

INSULATION RESISTANCE: $10^9$ Ω min.

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

OPERATING TEMPERATURE: -30°C to +65°C

## Materials

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

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

CONTACTS: Coin silver, silver plated.

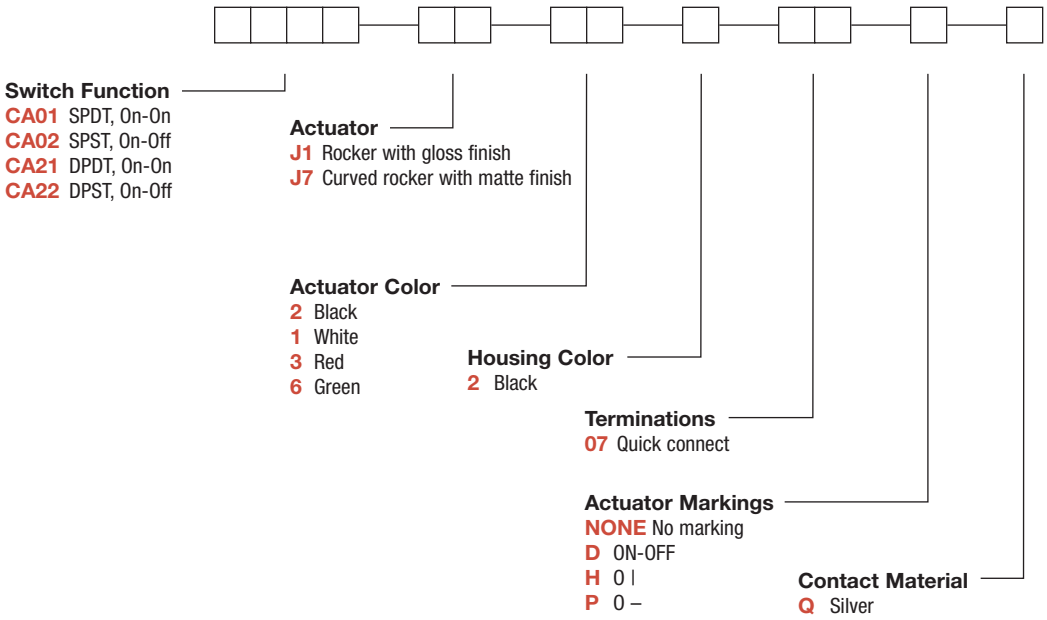
TERMINALS: Copper, silver plated.

CONTACT SPRING: Music wire.

**NOTE:** Specifications and material 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–106 through G–108. For additional options not shown in catalog, consult Customer Service Center.





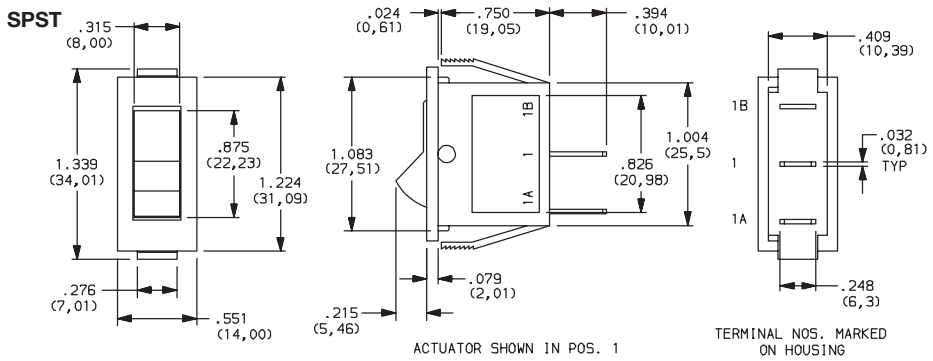

Third Angle Projection

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

## SWITCH FUNCTION

| NO. POLES | MODEL NO. | SWITCH FUNCTION POS. 1 | SWITCH FUNCTION POS. 2 | CONNECTED TERMINALS POS. 1 | CONNECTED TERMINALS POS. 2 | SCHEMATIC |
|---|---|---|---|---|---|---|
| SP | CA01 | ON | ON | 1-1A | 1-1B | SPDT |
| | CA02 | ON | OFF | 1-1A | OPEN | SPST |

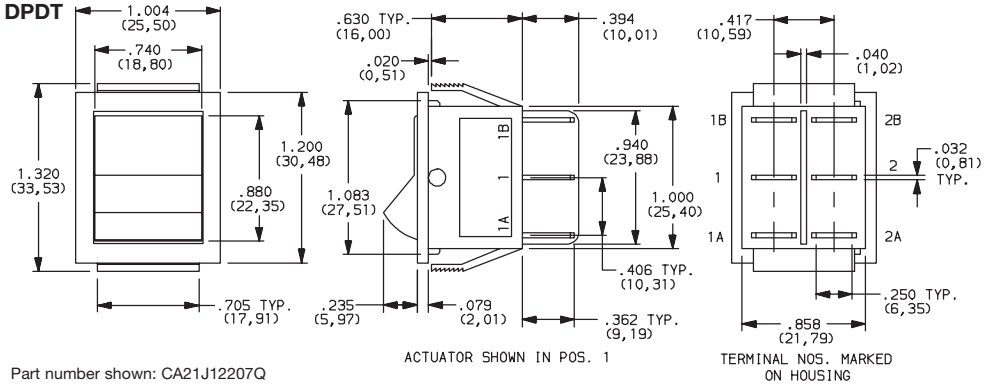
**SPST**




Part number shown: CA02J12207Q

| | | | | | | |
|---|---|---|---|---|---|---|
| DP | CA21 | ON | ON | 1-1A, 2-2A | 1-1B, 2-2B | DPDT |
| | CA22 | ON | OFF | 1-1A, 2-2A | OPEN | DPST |

**DPDT**




Part number shown: CA21J12207Q

For complete contact ratings and agency approvals, see CONTACT MATERIAL section, page G–108.
Contacts make on side opposite actuator thrown.

All models cULus with all options.



Third Angle Projection

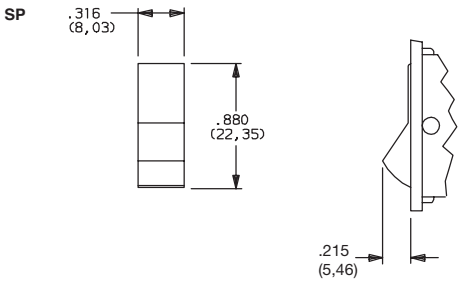
*Dimensions are shown: Inches (mm)*
*Specifications and dimensions subject to change*

# CA Series
# Power Rocker Switches

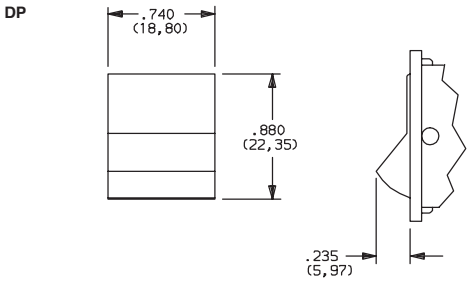
## ACTUATOR

### J1 ROCKER WITH GLOSS FINISH

SP

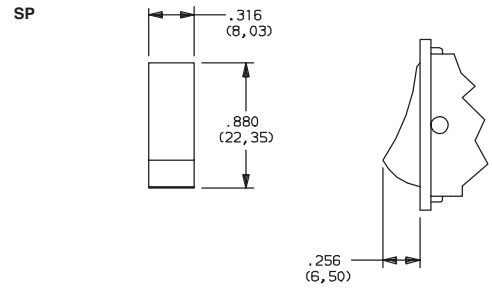



DP

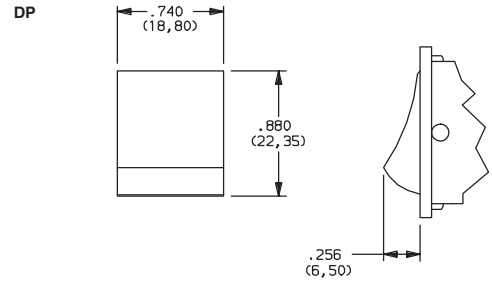



### J7 CURVED ROCKER WITH MATTE FINISH

SP




DP




## ACTUATOR COLOR

| OPTION CODE | OPAQUE ACTUATOR COLOR |
|---|---|
| 1 | WHITE |
| 2 | BLACK |
| 3 | RED |
| 6 | GREEN |

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

## HOUSING COLOR

| OPTION CODE | HOUSING COLOR |
|---|---|
| 2 | BLACK |

**NOTE:** Housing frame finish: matte.



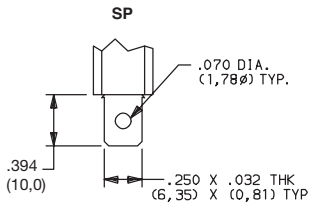


Third Angle Projection

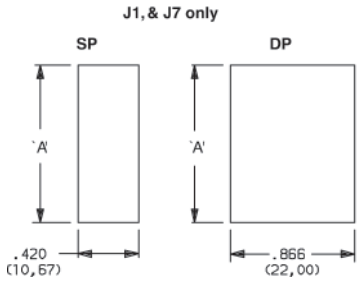
*Dimensions are shown: Inches (mm)*
*Specifications and dimensions subject to change*

## TERMINATIONS

**07** QUICK CONNECT



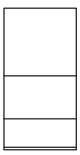

PANEL MOUNTING



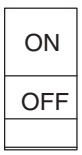

| PANEL THICKNESS | DIM 'A' |
|---|---|
| .059–.078 (1,50) (2,00) | 1.102 (28,00) |
| .078–.118 (2,00) (3,00) | 1.110 (28,20) |
| .118–.177 (3,00) (4,50) | 1.126 (28,60) |

## ACTUATOR MARKINGS

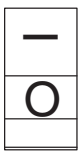
**NONE** NO MARKING



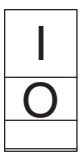
**D** ON-OFF



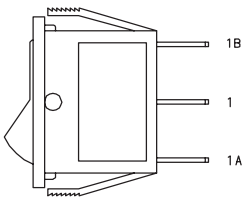

**H** O |




**P** O –




Marking color white, standard for all actuator colors except white and yellow. Marking color black, standard for white and 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 | |
|---|---|---|---|
| **QA** | SILVER | POWER | 16 AMPS @ 125 VAC; 1/3 HP; 10 AMPS @ 250 VAC, 1/2 HP cULus |

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

[1] CONTACTS: Coin silver, silver plated.
TERMINALS: Copper, silver plated.

All models cULus with all options.



Third Angle Projection

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

# 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***




c UL us

## 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: $10^9$ Ω min.

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

## Materials

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

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

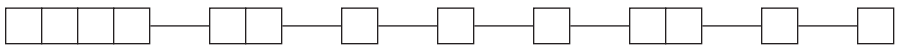
CONTACTS: Coin silver, silver plated.

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.



**Switch Function**
CA04 SPST, On-Off
CA24 DPST, On-Off

**Actuator**
J1 Rocker
J7 Curved rocker

**Actuator Color**
3 Red translucent
5 Yellow translucent
6 Green translucent

**Lamp Voltage**
7 125 V neon
8 250 V neon

**Housing Color**
2 Black
1 White

**Terminations**
07 Quick connect

**Actuator Markings**
NONE No markings
D ON-OFF
H O I
P O –

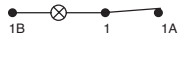
**Contact Material**
Q Silver



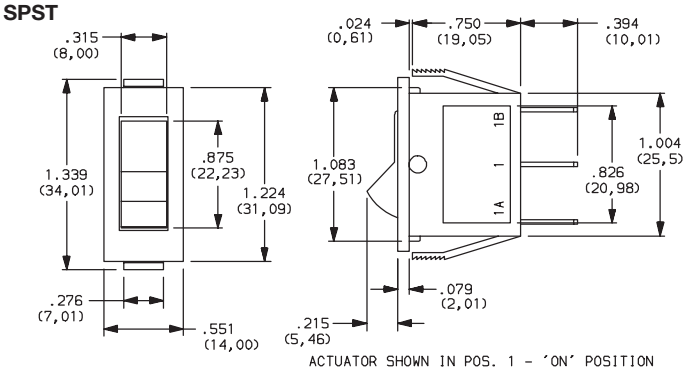
Third Angle Projection

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

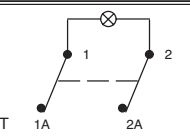
## SWITCH FUNCTION

| NO. POLES | MODEL NO. | SWITCH FUNCTION POS. 1 | SWITCH FUNCTION POS. 2 | CONNECTED TERMINALS POS. 1 | CONNECTED TERMINALS POS. 2 | SCHEMATIC |
|---|---|---|---|---|---|---|
| SP | CA04 | ON | OFF | 1-1A | OPEN |   SPST |

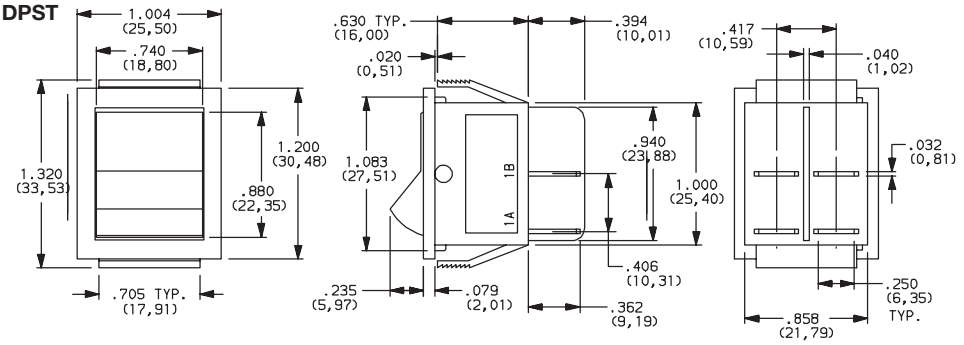
**SPST**




Part number shown: CA04J137207Q

| | | | | | | |
|---|---|---|---|---|---|---|
| DP | CA24 | ON | OFF | 1-1A, 2-2A | OPEN |   DPST |

**DPST**




Part number shown: CA24J137207Q

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

All models c UL us with all options.



Third Angle Projection

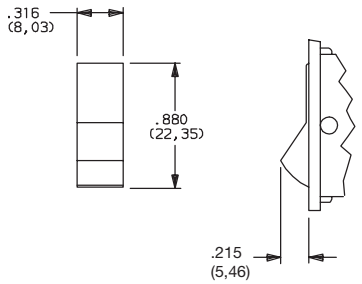
*Dimensions are shown: Inches (mm)*
*Specifications and dimensions subject to change*

# CA Series
# Illuminated Power Rocker Switches

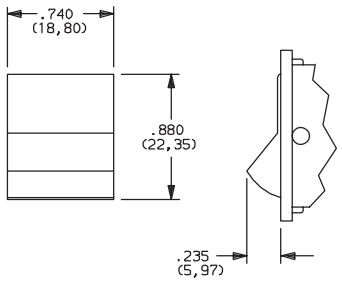
## ACTUATOR

**J1** ROCKER

SP

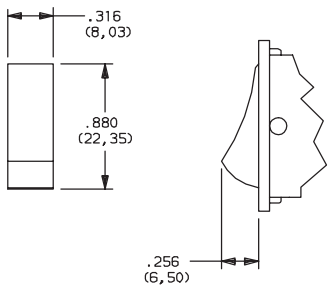



DP

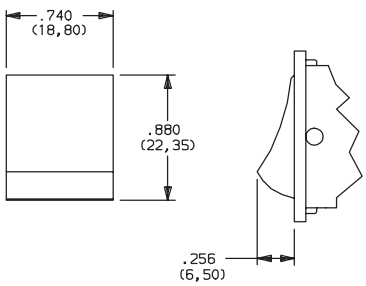



**J7** CURVED ROCKER

SP




DP




## ACTUATOR COLOR

| OPTION CODE | ACTUATOR COLOR |
|---|---|
| 3 | RED TRANSLUCENT |
| 5 | YELLOW |
| 6 | 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 |
|---|---|
| 2 | BLACK |
| 1 | WHITE |

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

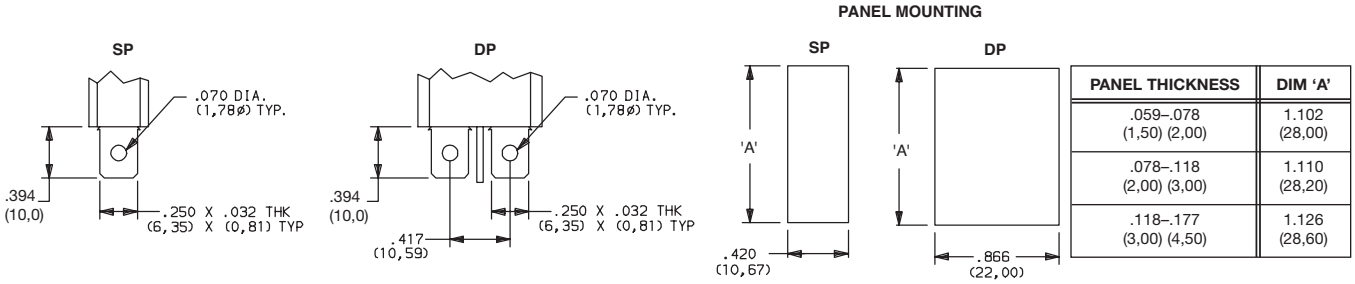


Third Angle Projection

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

## TERMINATIONS

**07** QUICK CONNECT




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

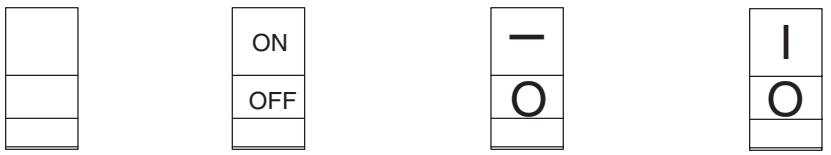
## ACTUATOR MARKINGS

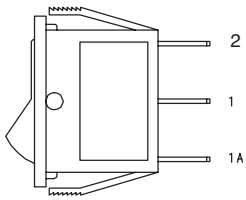
**NONE** NO MARKING

**D** ON-OFF

**H** O I

**P** O –




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

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.

## CONTACT MATERIAL

| OPTION CODE | CONTACT AND TERMINAL MATERIAL | RATINGS | |
|---|---|---|---|
| Q | SILVER [1] | 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.

[1] CONTACTS: Coin silver, silver plated.
TERMINALS: Copper, silver plated.

All models cULus with all options.



Third Angle Projection

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