

# DA Series Miniature Single Pole Rocker Switches

### Features/Benefits

- Nice actuator styling with multiple options
- Guards to prevent accidental actuation
- Momentary and maintained functions
- IP65 splash proof rubber boot option
- RoHS compliant

### Typical Applications

- Small appliances
- Computers and peripherals
- Medical instrumentation



**C&K** US UL 61058-1

### Specifications

#### CONTACT RATING:

- 16 AMPS @ 125 VAC, 1/3 HP;
- 10 AMPS @ 250 VAC, 1/2 HP.
- 10 AMPS @ 125 VAC, 6 AMPS @ 250 VAC.

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

### Materials

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.

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.

### 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-58 through G-60. For additional options not shown in catalog, consult Customer Service Center.

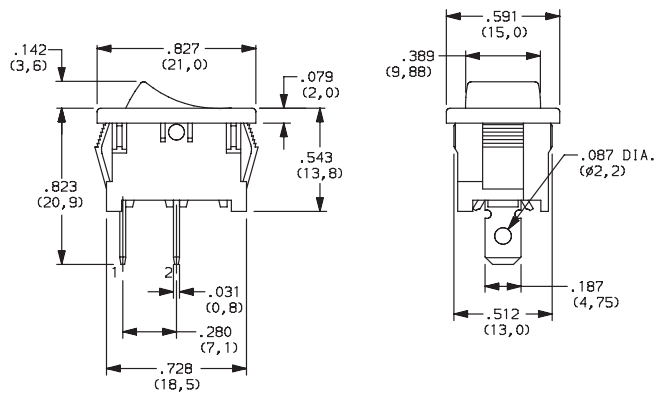
|                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>Switch Function</div> <div><div>DA101</div>SPDT On-None-On</div> <div><div>DA102</div>SPST On-None-Off</div> <div><div>DA103</div>SPDT On-Off-On</div> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|

\* "J3" illuminated switches are not available with actuator markings



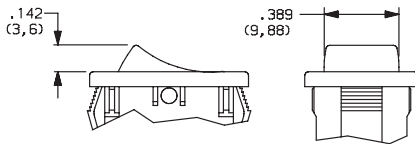
## DA Series Miniature Single Pole Rocker Switches

| NO. POLES | MODEL NO. | SWITCH FUNCTION                                                                   |                                                                                   |                                                                                   | CONNECTED TERMINALS                                                               |                                                                                    |                                                                                     | SCHEMATIC                                                                                                                                                                                                                        |
|-----------|-----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |           |  |  |  |  |  |  |                                                                                                                                                                                                                                  |
|           |           | C&K marking on opposite side                                                      |                                                                                   |                                                                                   | C&K marking on opposite side                                                      |                                                                                    |                                                                                     |                                                                                                                                                                                                                                  |
| SP        | DA101     | ON                                                                                | NONE                                                                              | ON                                                                                | 2-3                                                                               | N/A                                                                                | 2-1                                                                                 |                                                                                                                                               |
|           | DA102     | ON                                                                                | NONE                                                                              | OFF                                                                               |                                                                                   |                                                                                    |                                                                                     |   <p>OR</p> <p>For 7 &amp; 8 Illuminated Versions Only</p> |
|           | DA103     | ON                                                                                | OFF                                                                               | ON                                                                                |                                                                                   |                                                                                    |                                                                                     |   <p>For 6 Illuminated Versions Only</p>                   |



**J1** ROCKER

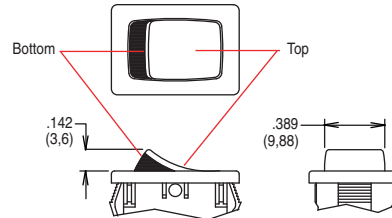
**\*J3** ILLUMINATED ROCKER



**NOTE:** J3 actuator available with DA102 switch functions, 7&8 lamp ratings and not available with O2 and A termination options.

\* J3 actuator not available with markings

## J2 TWO-TONE ROCKER



**NOTE:**

1. Available with DA102 switch function only.
2. Available with None or P actuator marking options only.

# Rocker



G



### Third Angle Projection

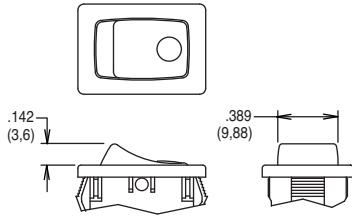
Dimensions are shown: Inches (mm)

*Specifications and dimensions subject to change*

# DA Series Miniature Single Pole Rocker Switches

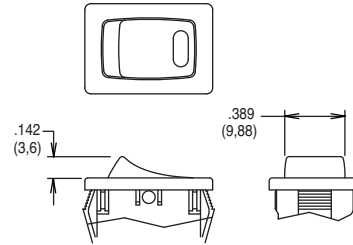
## ACTUATOR

### J4 CIRCLE, ILLUMINATED ROCKER



**NOTE:** Available with DA102 switch function and 7 & 8 lamp ratings combinations only. Not available with O2 and A termination options.

### J5 OVAL, ILLUMINATED ROCKER

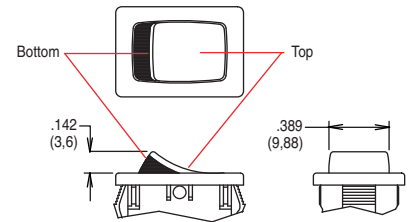


**NOTE:** Available with DA102 switch function and 6 lamp rating combinations only. Not available with O2 and A termination options.

## ACTUATOR COLOR

|                 | OPTION CODE | ACTUATOR COLOR     |
|-----------------|-------------|--------------------|
|                 | 2           | BLACK              |
| J1 only         | 1           | WHITE              |
|                 | 3           | RED                |
|                 | R           | RED, ILLUMINATED   |
|                 | A           | AMBER, ILLUMINATED |
|                 | G           | GREEN, ILLUMINATED |
| J3, J4, J5 only |             |                    |

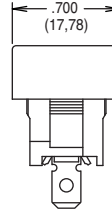
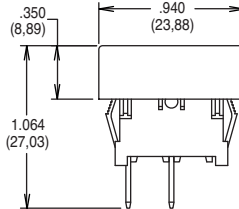
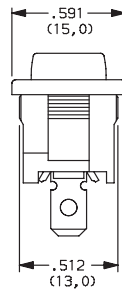
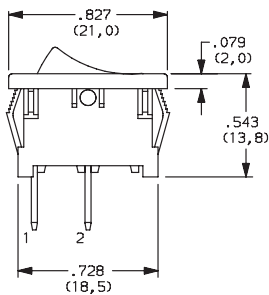
|         | OPTION CODE | ACTUATOR COLOR TOP | ACTUATOR COLOR BOTTOM |
|---------|-------------|--------------------|-----------------------|
|         | 1           | WHITE              | RED                   |
| J2 only | 2           | WHITE              | BLACK                 |
|         | 3           | RED                | WHITE                 |
|         | 4           | BLACK              | WHITE                 |
|         | 5           | BLACK              | RED                   |
|         |             |                    |                       |



## MOUNTING STYLE/COLOR

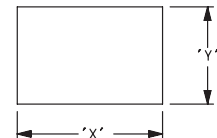
### S2 SNAP-IN, BLACK

### S1 SNAP-IN, WHITE



**NOTE:** Available with DA10X switch functions only.

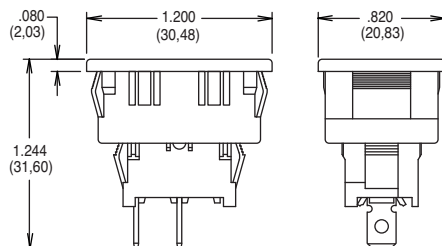
### S2, S1 & G2 PANEL MOUNTING



| PANEL THICKNESS         | "X"                   | "Y"                   |
|-------------------------|-----------------------|-----------------------|
| 0.030-0.049 (0,75-1,25) | 0.756-.004 (19,2-0,1) | 0.512+.004 (13,0+0,1) |
| 0.049-0.079 (1,25-2,0)  | 0.764-.004 (19,4-0,1) | 0.512+.004 (13,0+0,1) |
| 0.079-0.118 (2,0-3,0)   | 0.779-.004 (19,8-0,1) | 0.512+.004 (13,0+0,1) |

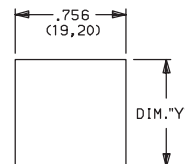
Actuator shown in Pos. 1

### B2 RECESSED SNAP-IN BRACKET, BLACK

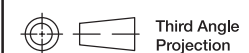


**NOTE:** Available with DA10X switch functions only.

### B2 PANEL MOUNTING



| PANEL THICKNESS         | "Y"           |
|-------------------------|---------------|
| 0.030-0.049 (0,75-0,25) | 1.068 (27,13) |
| 0.049-0.079 (1,25-2,0)  | 1.076 (27,33) |
| 0.079-0.118 (2,0-3,0)   | 1.092 (27,74) |



Dimensions are shown: Inches (mm)

Specifications and dimensions subject to change

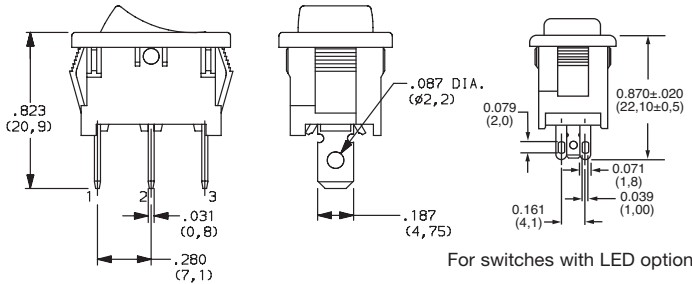
www.ck-components.com



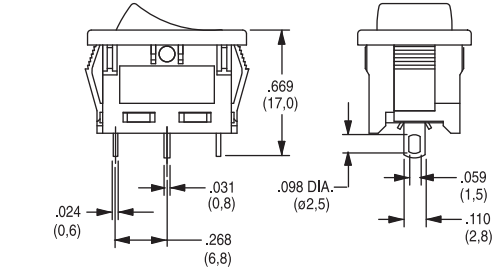
# DA Series Miniature Single Pole Rocker Switches

## TERMINATION

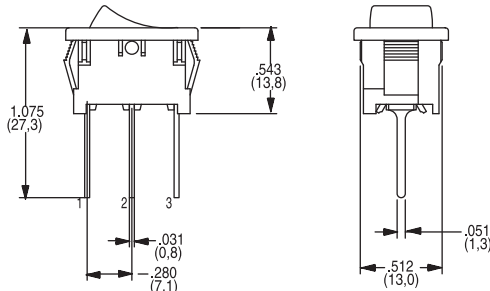
### 15 .187" QUICK CONNECT



### 17 SOLDER LUG

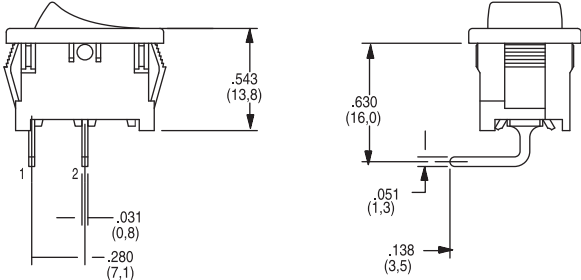


### 02\* THRU-HOLE



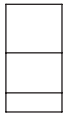
\* NOTE - O2 and A termination options not offered with J3, J4 or J5 actuator options.

### A\* RIGHT ANGLE



## ACTUATOR MARKING

### NONE NO MARKING



### D ON-OFF



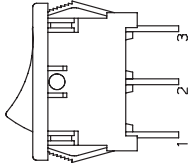
### H O I



### N LARGE DOT



### P O -



All models shown in Pos. 1  
Markings not available with J3 actuator

NOTE: Orientation of actuator marking and terminals.

## CONTACT MATERIAL

| OPTION CODE | CONTACT AND TERMINAL MATERIAL | RATINGS |                                                                                       |
|-------------|-------------------------------|---------|---------------------------------------------------------------------------------------|
| QF          | SILVER                        | POWER   | 16 AMPS @ 125 VAC; 1/3 HP; 10 AMPS @ 250 VAC; 1/2 10 AMPS @ 125 VAC, 6 AMPS @ 250 VAC |

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

## LAMP RATING

### (NONE) NO LAMP

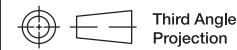
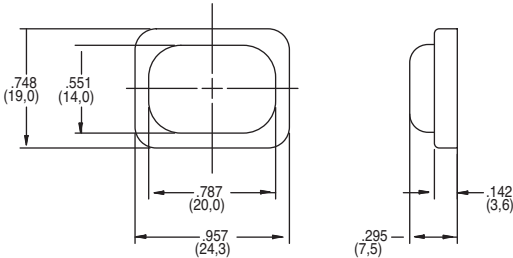
6 LED RATING @ 10 mA  $V_F=1.85V$

7 125 VAC 33kΩ NEON

8 250 VAC 150kΩ NEON

## ACCESSORIES

### 216C00000 IP65 SPLASH PROOF RUBBER BOOT



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

www.ck-components.com

Rocker



G

C&K