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***

c UL us **UL 61058-1**

Typical Applications

- ***Small appliances***
- ***Computers and peripherals***
- ***Medical instrumentation***



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 Ω 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-57 through G-59. For additional options not shown in catalog, consult Customer Service Center.

Switch Function
DA101 SPDT On-None-On
DA102 SPST On-None-Off
DA103 SPDT On-Off-On

Actuator
J1 Rocker
J2 Two-tone rocker
*, **J3 Illuminated rocker
** J4 Circle, illuminated rocker
** J5 Oval, illuminated rocker

Actuator Color
1-5 See Chart on Page G-59
*R Red, illuminated
*A Amber, illuminated
*G Green, illuminated

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

** Actuator "J3", "J4" and "J5" are not available with Termination option "17" solder lug

Mounting Style/Color
S2 Snap-in, black
S1 Snap-in, white
B2 Recessed snap-in bracket, black
G2 Guard, black

Termination
15 .187" quick connect
17 Solder lug
02 Thru-hole
A Right angle

Actuator Marking
(NONE) No marking
D ON-OFF
H "O I" - international ON-OFF
N Large dot
P "O -" international ON-OFF

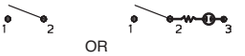
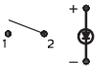
Contact Rating
QF Silver

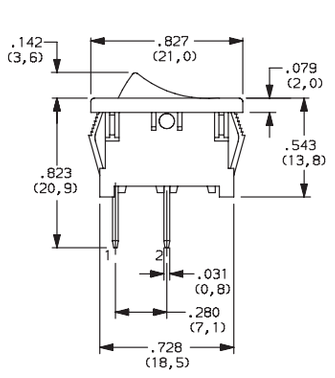
Lamp Rating
(NONE) No lamp
6 LED
7 125 VAC neon
8 250 VAC neon

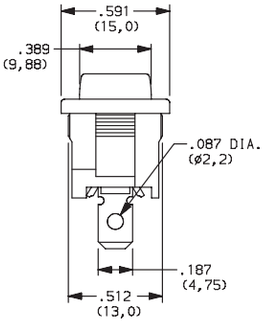
Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change

DA Series
Miniature Single Pole Rocker Switches

SWITCH FUNCTION

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



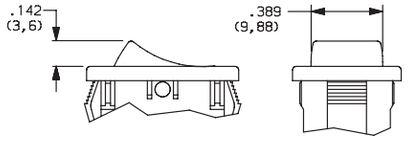


Shown in Pos. 1

ACTUATOR

J1 ROCKER

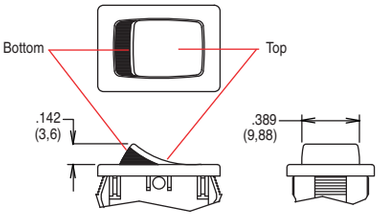
***J3** ILLUMINATED ROCKER



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 or Termination option "17" solder lug

J2 TWO-TONE ROCKER



NOTE:

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

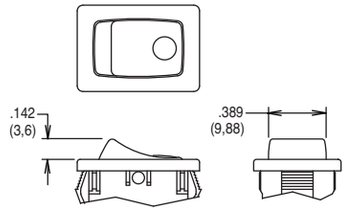
Third Angle Projection

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

DA Series
Miniature Single Pole Rocker Switches

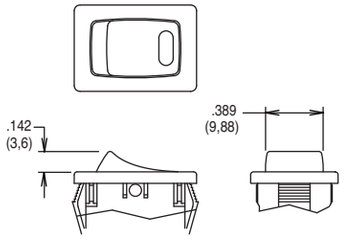
ACTUATOR

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.
* J4 actuator not available with Termination option "17" solder lug

J5 OVAL, ILLUMINATED ROCKER

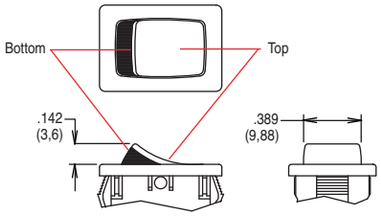


NOTE: Available with DA102 switch function and
6 lamp rating combinations only. Not available with O2 and A termination options.
* J5 actuator not available with Termination option "17" solder lug

ACTUATOR COLOR

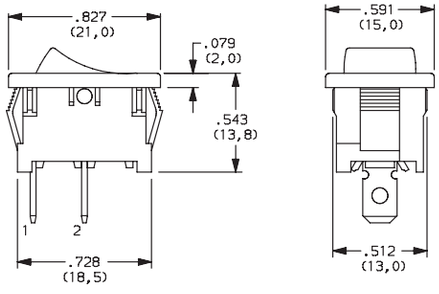
	OPTION CODE	ACTUATOR COLOR
J1only	2	BLACK
	1	WHITE
	3	RED
J3, J4, J5 only	R	RED, ILLUMINATED
	A	AMBER, ILLUMINATED
	G	GREEN, ILLUMINATED

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



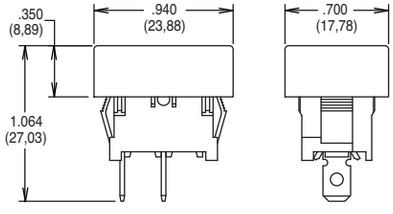
MOUNTING STYLE/COLOR

S2 SNAP-IN, BLACK
S1 SNAP-IN, WHITE



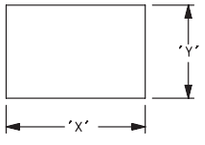
Actuator shown in Pos. 1

G2 GUARD, BLACK



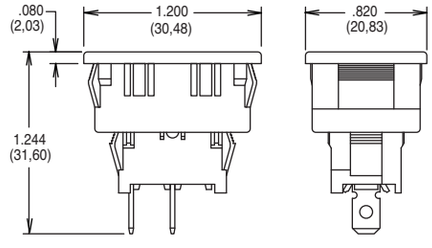
NOTE: Available with DA10X switch functions only.

S2, S1 & G2 PANEL MOUNTING



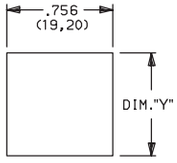
PANEL THICKNESS	"X"	"Y"
0.030-0.049 (0,75-1,25)	0.756-.004 (19,2-0,1)	0.512+.004 (13,0+0,1)
0.049-0.079 (1,25-2,0)	0.764-.004 (19,4-0,1)	0.512+.004 (13,0+0,1)
0.079-0.118 (2,0-3,0)	0.779-.004 (19,8-0,1)	0.512+.004 (13,0+0,1)

B2 RECESSED SNAP-IN BRACKET, BLACK



NOTE: Available with DA10X switch functions only.

B2 PANEL MOUNTING



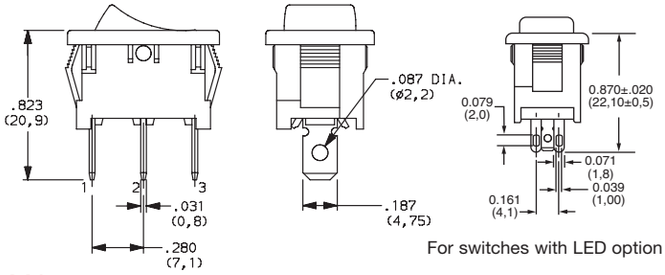
PANEL THICKNESS	"Y"
0.030-0.049 (0,75-0,25)	1.068 (27,13)
0.049-0.079 (1,25-2,0)	1.076 (27,33)
0.079-0.118 (2,0-3,0)	1.092 (27,74)

Third Angle Projection

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

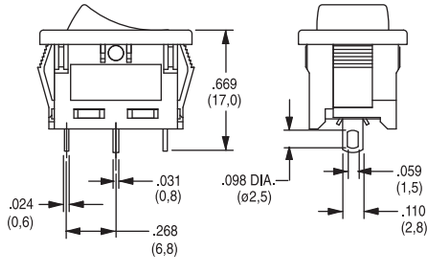
TERMINATION

15 .187" QUICK CONNECT

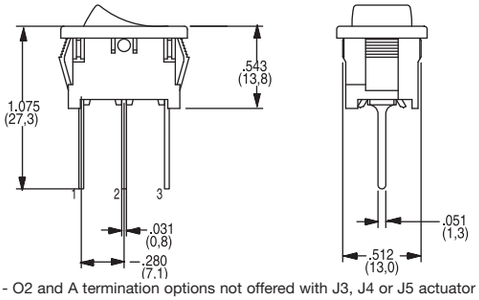


For switches with LED option

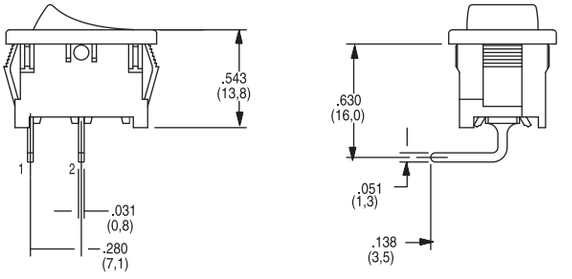
17 SOLDER LUG



02* THRU-HOLE



A* RIGHT ANGLE



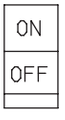
* NOTE - O2 and A termination options not offered with J3, J4 or J5 actuator options.

ACTUATOR MARKING

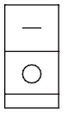
NONE NO MARKING



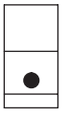
D ON-OFF



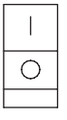
H O I

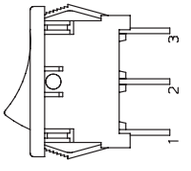


N LARGE DOT



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

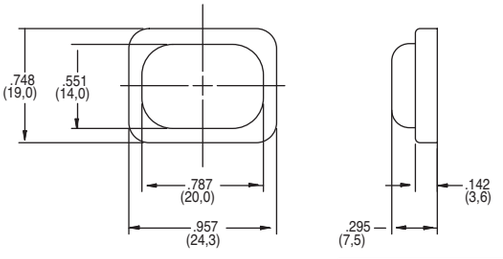
6 LED RATING @ 10 mA V_f=1.85V

7 125 VAC 33kΩ NEON

8 250 VAC 150kΩ NEON

ACCESSORIES

216C00000 IP65 SPLASH PROOF RUBBER BOOT



Third Angle Projection

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