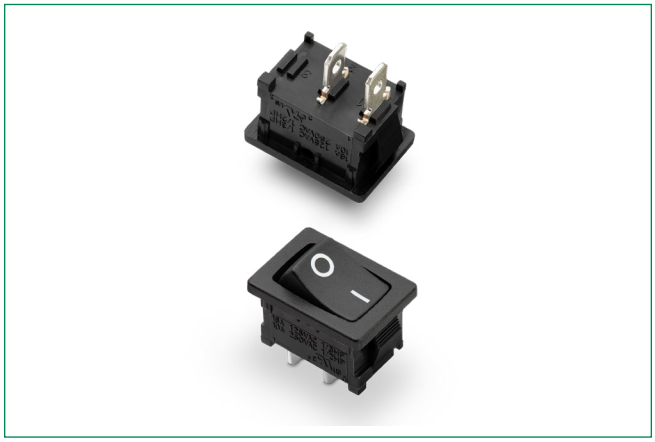
DA Series
Miniature Single Pole Rocker Switches



Description

Those designing medical instrumentation need to make sure that the components they use can withstand the harsh environments they're used in. The DA series miniature single pole rocker switches are perfect for that industry because of their IP65 splash proof rubber boot option and guards that prevent accidental actuation. Also used by makers of small appliances, computers and peripherals, the DA series also feature options for both momentary and maintained functions.

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
- UL and ENEC qualified

Applications

- Small appliances
- Computers and peripherals
- Medical instrumentation
- Data Centers

Agency Approvals

Agency	Agency File Number
c UL us	E42363
ENEC 15	ENEC-05738

Specifications

Contact Rating	16 AMPS @ 125/250 VAC; 16 AMPS @ 12 VDC; 6 AMPS @ 28 VDC
Electrical Life	10,000 make-and-break cycles at full load.
Dielectric Strength	1,500 Vrms min. @ sea level.
Insulation Resistance	10^8 Ω min.
Operating Temperature	-20°C to 85°C

Materials

Actuator & Housing	6/6 nylon (UL94V-2), black, matt finish
Illuminated Actuator	Polycarbonate, matte finish.
Center Contacts	Silver plated, copper alloy.
End Contacts	Silver plated.
All Terminals	Silver plated, copper alloy.

Notes:
Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Ordering Number

To order, simply select desired option from each category and place in the appropriate box. For additional options not shown in catalog, consult Customer Service Center.

DAxxx - xx - x - xx - xx - x - QF - x

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[1,2]: Illuminated rocker
J4[2]: Circle, illuminated rocker
J5[2]: Oval, illuminated rocker

Actuator Color
1-5: See Chart on Page 3
R[1]: Red, illuminated
A[1]: Amber, illuminated
G[1]: Green, illuminated

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

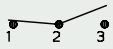
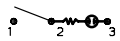
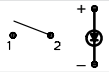
Lamp Rating
(NONE): No lamp
6: LED
7: 125 VAC neon
8: 250 VAC neon

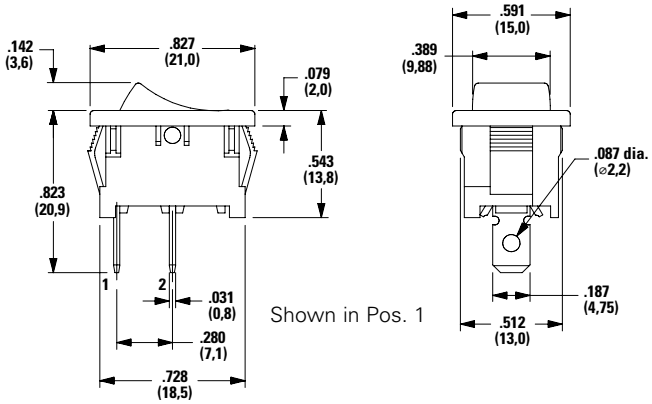
Notes:
1. Actuator "J3" illuminated switches are not available with actuator markings
2. Actuator "J3", "J4" and "J5" are not available with Termination option "17" solder lug

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DA Series
Miniature Single Pole Rocker Switches

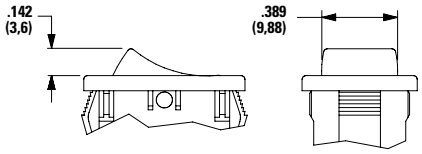
Switch Function
SPDT

No. Poles	Model No.	Switch Function POS.1	Switch Function POS.2	Switch Function POS.3	Connected Terminals POS.1	Connected Terminals POS.2	Connected Terminals POS.3	Schematic
SP	DA101	ON	NONE	ON	2-1	N/A	2-3	
	DA103	ON	OFF	ON				
	DA102	ON	NONE	OFF	2-1	N/A	N/A	
								For 7 & 8 Illuminated Versions Only 
								For 6 Illuminated Versions Only 



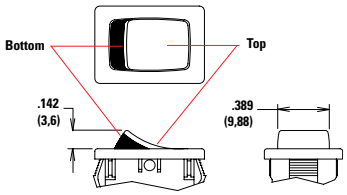
Actuator

J1 Rocker
J3[1] Illuminated Rocker



Notes: J3 actuator available with DA102 switch functions, 7&8 lamp ratings and not available with O2 and A termination options.
1. J3 actuator not available with markings or Termination option "17" solder lug

J2 Two-tone Rocker

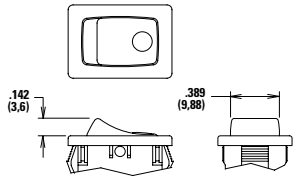


Notes:
1. Available with DA102 switch function only.
2. Available with None or P actuator marking options only.

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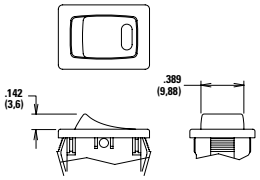
DA Series
Miniature Single Pole Rocker Switches

J4 Circle, Illuminated Rocker



Notes: Available with DA102 switch function and 7 & 8 lamp ratings combinations only. Not available with O2 and A termination options.
1. J4 actuator not available with Termination option "17" solder lug

J5 Oval, Illuminated Rocker

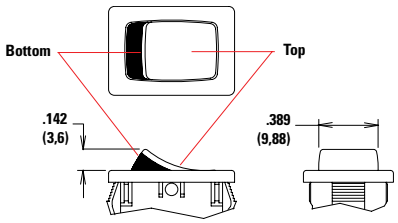


Notes: Available with DA102 switch function and
6 lamp rating combinations only. Not available with O2 and A termination options.
1. J5 actuator not available with Termination option "17" solder lug

Actuator Color

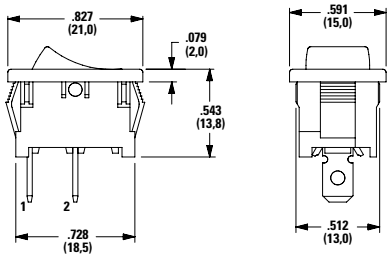
	Option Code	Actuator Color
J1 Only	2	Black
	1	White
	3	Red
J3, J4, J5 Only	R	Red, Illuminated
	A	Amber, Illuminated
	G	Green, Illuminated

	Option Code	Actuator Color	
		Top	Bottom
J2 Only	1	White	Red
	2	White	Black
	3	Red	White
	4	Black	White
	5	Black	Red



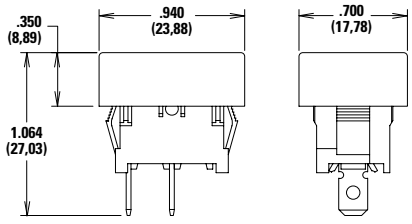
Mounting Style/Color

S2 Snap-in, Black
S1 Snap-in, White



Actuator shown in Pos. 1

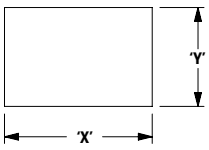
G2 Guard, Black



Notes: Available with DA10X switch functions only.

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)

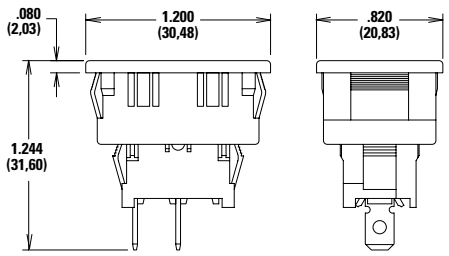
S2, S1 & G2 Panel Mounting



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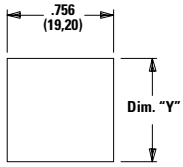
DA Series
Miniature Single Pole Rocker Switches

B2 Recessed Snap-in Bracket, Black



Notes: Available with DA10X switch functions only.

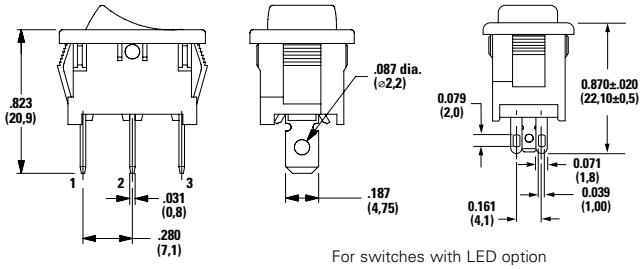
B2 Panel Mounting



Panel Thickness	"Y"
0.030 - 0.049 (0.75-1.25)	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)

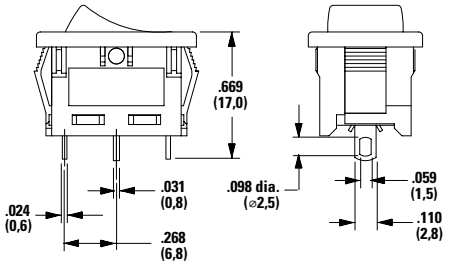
Termination

15 0.187" Quick Connect

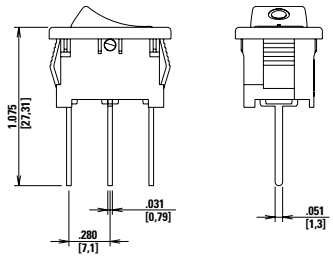


For switches with LED option

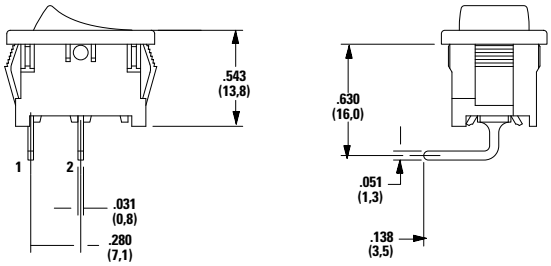
17 Solder Lug



02[1] Thru-hole



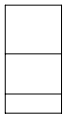
A[1] Right Angle



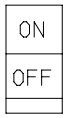
Notes:
1. 02 and A termination options not offered with J3, J4 or J5 actuator options.

Actuator Marking

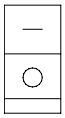
None No Marking



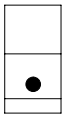
D On-Off



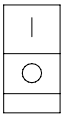
H - O I



N Large Dot



P - O -



Notes: Orientation of actuator marking and terminals.
All models shown in Pos. 1
Markings not available with J3 actuator

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DA Series
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Contact Material

Option Code	Contact Material	Ratings	
QF	Silver	Power	16 AMPS @ 125/250 VAC; 16 AMPS @ 12 VDC 6 AMPS @ 28 VDC

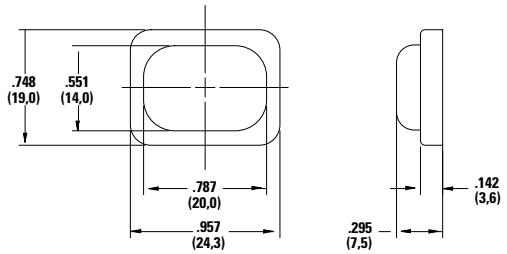
Notes: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.

Lamp Rating

None: No Lamp
6: LED Rating @ 10 mA Vf=1.85V
7: 125 VAC 33kΩ Neon
8: 250 VAC 150kΩ Neon

Accessories

216C00000 IP65 Splash Proof Rubber Boot



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