

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



Specifications

CONTACT RATING:

UL/CSA: 16 AMPS @ 125 VAC, 1/3 HP;
10 AMPS @ 250 VAC, 1/2 HP.

VDE: 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.

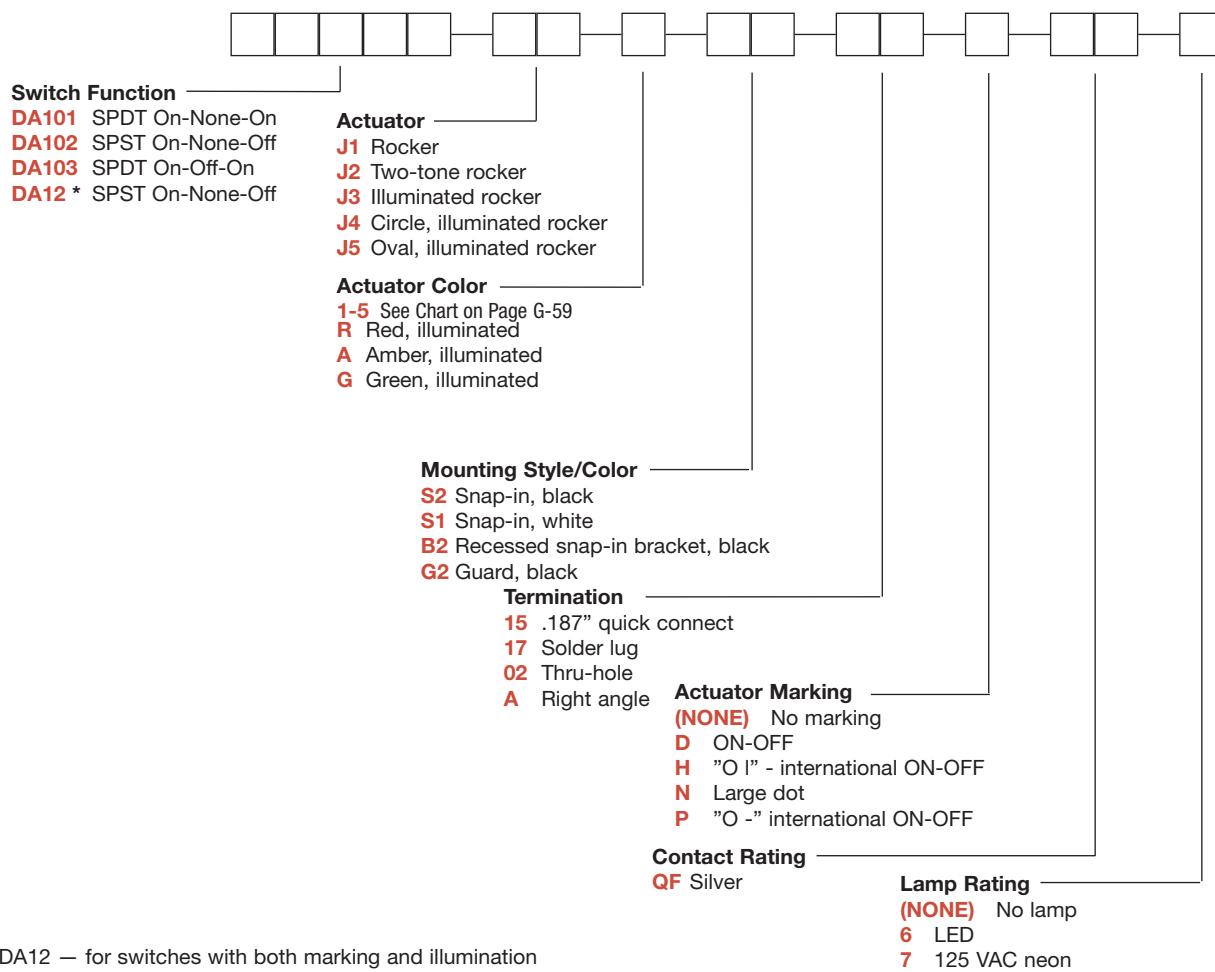
END CONTACTS: Silver plated $\text{AgSnO}_2\text{InO}_3$.

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.



* DA12 — for switches with both marking and illumination

Rocker



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

www.ck-components.com

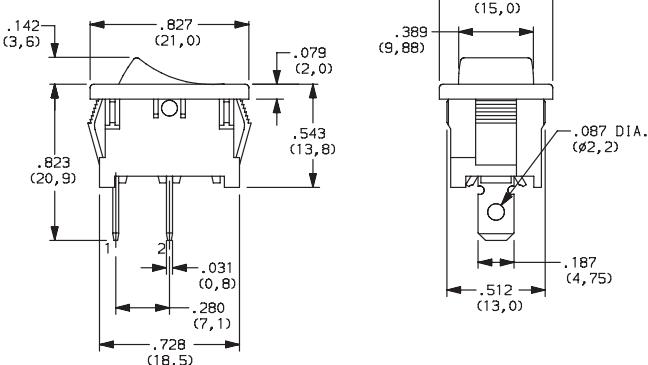
DA Series

Miniature Single Pole Rocker Switches

SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS			SCHEMATIC
SP	DA101	ON	NONE	ON	2-3	N/A	2-1	
	DA102	ON	NONE	OFF				
	DA103	ON	OFF	ON				For 7 & 8 Illuminated Versions Only
	DA12 *	ON	NONE	OFF				For 6 Illuminated Versions Only

* DA12 - for switches with both marking and illumination

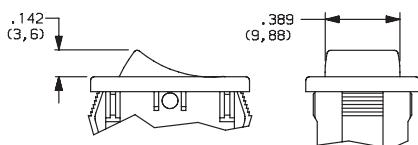


Shown in Pos. 1

ACTUATOR

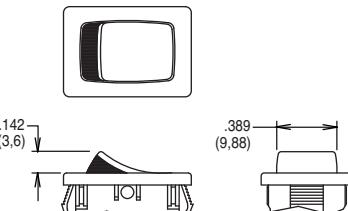
J1 ROCKER

J3 ILLUMINATED ROCKER



NOTE: J3 actuator available with DA102 & DA12 switch functions, 7&8 lamp ratings and not available with O2 and A termination options.

J2 TWO-TONE ROCKER



NOTE:

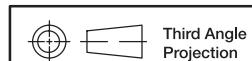
1. Available with DA102 switch function only.
2. Available with None or P actuator marking options only.

Rocker



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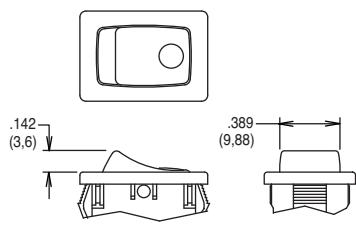
Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change

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DA Series Miniature Single Pole Rocker Switches

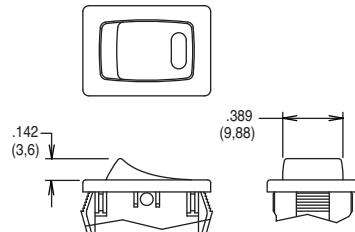
ACTUATOR

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
For J1 only	2	BLACK
	1	WHITE
	3	RED
For J3, J4, J5 only	R	RED, ILLUMINATED
	A	AMBER, ILLUMINATED
	G	GREEN, ILLUMINATED

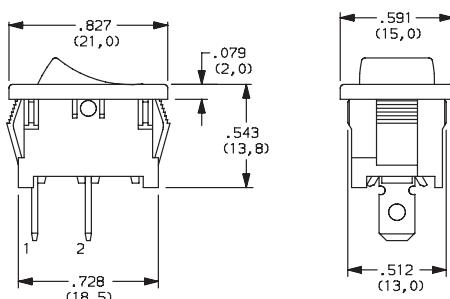
	OPTION CODE	ACTUATOR COLOR
		TOP BOTTOM
	1	WHITE RED
	2	WHITE BLACK
	3	RED WHITE
	4	BLACK WHT
	5	BLACK RED

J2 actuator only

MOUNTING STYLE/COLOR

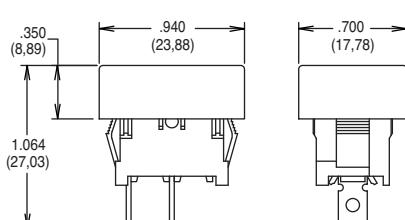
S2 SNAP-IN, BLACK

S1 SNAP-IN, WHITE



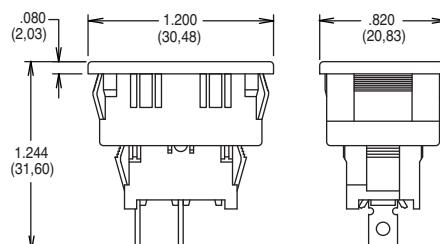
Actuator shown in Pos. 1

G2 GUARD, BLACK



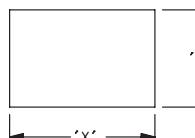
NOTE: Available with DA10X switch functions only.

B2 RECESSED SNAP-IN BRACKET, BLACK



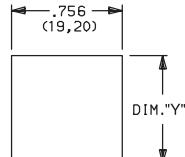
NOTE: Available with DA10X switch functions only.

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 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

Rocker



G

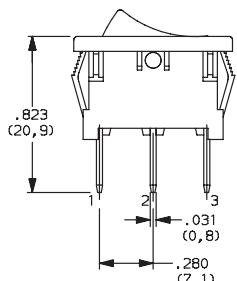
C&K

DA Series

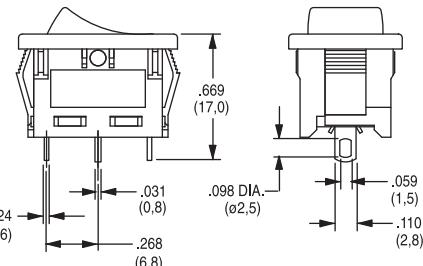
Miniature Single Pole Rocker Switches

TERMINATION

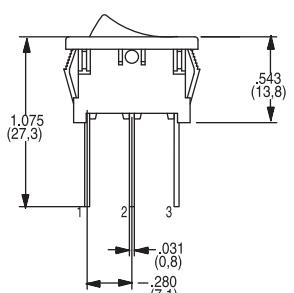
15 .187" QUICK CONNECT



17 SOLDER LUG

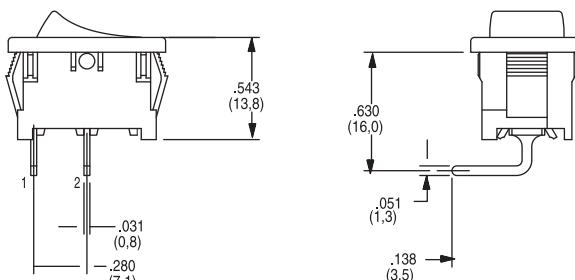


02* THRU-HOLE



For switches with LED option

A* RIGHT ANGLE



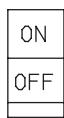
* NOTE - O2 and A termination options not offered with J3, J4 or J5 actuator options.

ACTUATOR MARKING

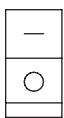
NONE NO MARKING



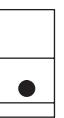
D ON-OFF



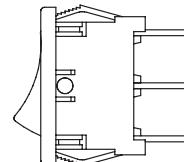
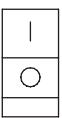
H O I



N LARGE DOT



P O -



All models shown in Pos. 1

NOTE: Orientation of actuator marking and terminals.

CONTACT MATERIAL

OPTION CODE	CONTACT AND TERMINAL MATERIAL	RATINGS	
		POWER	16 AMPS @ 125 VAC; 1/3 HP; 10 AMPS @ 250 VAC; 1/2 (UL/CSA). 10 AMPS @ 125 VAC, 6 AMPS @ 250 VAC (VDE)
QF	SILVER		

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

LAMP RATING

ACCESSORIES

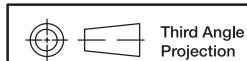
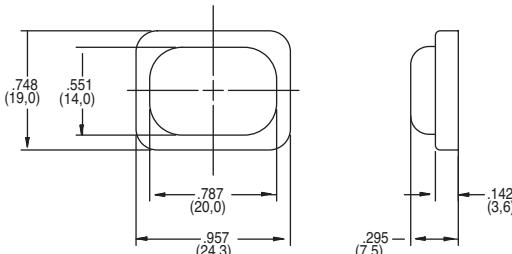
(NONE) NO LAMP

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

7 125 VAC 33k Ω NEON

8 250 VAC 150k Ω NEON

216C00000 IP65 SPLASH PROOF RUBBER BOOT



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

Rocker



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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

C&K Components:

[DA101J12S217QF](#) [DA101J12S215QF](#) [DA101J11S115QF](#) [DA101J11S215QF](#) [DA102J12S217QF](#)
[DA102J12S215PQF](#) [DA102J5RS215QF6](#) [DA102J12S215HQF](#) [DA102J3GS215QF8](#) [DA102J3RS215QF7](#)
[DA102J3RS215QF8](#) [DA102J11S215PQF](#) [DA102J3GS215QF7](#) [DA102J11S215QF](#) [DA102J12S215DQF](#)
[DA102J3AS215QF7](#) [DA102J21S215PQF](#) [DA102J12S215QF](#) [DA102J23S215PQF](#) [DA102J4RS215QF7](#)
[DA102J3AS215QF8](#) [DA102J12B215QF](#) [DA102J22S215PQF](#) [DA101J11B215PQF](#) [DA101J11S117QF](#)
[DA101J11S2APQF](#) [DA101J12S202HQF](#) [DA101J12S2AHQF](#) [DA101J12S2APQF](#) [DA102J11S115QF](#)
[DA102J11S117PQF](#) [DA102J12G215DQF](#) [DA102J12S202HQF](#) [DA102J12S202QF](#) [DA102J12S217PQF](#)
[DA102J12S2ADQF](#) [DA102J12S2AHQF](#) [DA102J5GG215QF6](#) [DA102J5GS202QF6](#) [DA103J12S215HQF](#)
[DA103J12S215QF](#) [DA103J12S217QF](#) [DA103J13G202QF](#) [DA12J3GB215PQF7](#) [DA12J3GS215HQF6](#)
[DA12J3RS215PQF6](#) [DA102J12B215DQF](#) [DA101J12B215PQF](#) [DA102J12S217HQF](#) [DA102J5GS215QF6](#)