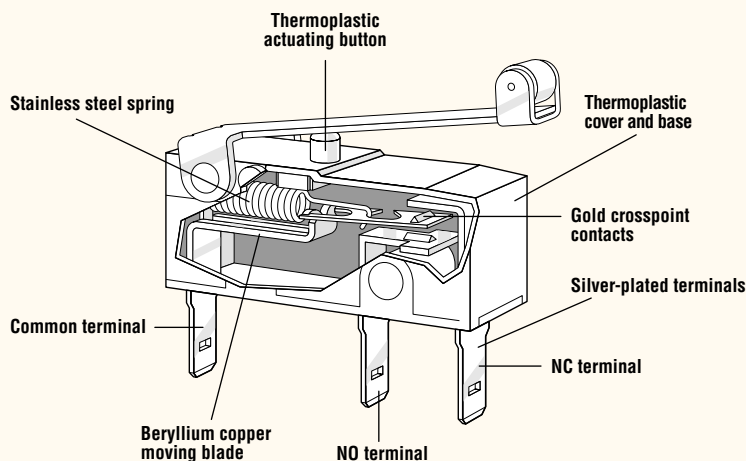


SUBMINIATURE DA Series

Features

- Long life coil spring construction
- Standard gold crosspoint contacts (0.1 amp) for low level switching applications
- Silver contact low voltage DAB version also available. Consult factory.
- Five standard terminals to choose from
- Automated assembly insures high quality and reliability
- Choice of external snap-on actuators
- Custom actuators available
- VDE approved



Electrical Ratings

Switch Series	EN61058 Rating	UL1054 Rating	Electrical Life at Rated Load	
			According to VDE (Min. Operations)	According to UL (Min. Operations)
DA3	0.1(0.05)A, 50VAC	0.1A, 125VAC	50,000	100,000
DAB	N/A	5A, 24VDC	N/A	6,000

Specifications

Electrical

Temperature Rating:	-40° to +85°C
Flammability Rating:	UL94V-O

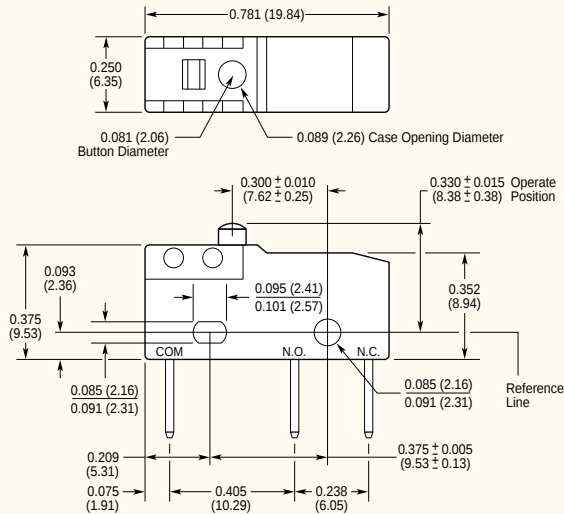
Materials

Case:	Thermoplastic Polyester
Actuating Button:	Thermoplastic Acetal
Terminals:	Silver-Plated Bronze
Moving Blade:	Silver-Plated Beryllium Copper
Spring:	Copper-Coated Stainless Steel
Auxiliary Actuator:	Stainless Steel
Roller:	Stainless Steel
Contacts:	Gold Crosspoint (DA3), Silver (DAB)





Dimensions inches (mm)



Actuator Specifications

Actuator Type	Switch Type	Maximum Operating Force (gms.)	Maximum Pre-Travel inches (mm)	Operating Point inches (mm)	Minimum Over-Travel inches (mm)	Max. Movement Differential inches (mm)	Actuation Length inches (mm)
-AA		90	0.030 (0.76)	0.330±0.015 (8.38±0.38)	0.035 (0.89)	0.007 (0.18)	—
-LB		27	0.144 (3.66)	0.348±0.060 (8.84±1.52)	0.054 (1.37)	0.028 (0.71)	0.271 (6.88)
-MB		9	0.416 (10.57)	0.350±0.173 (8.90±4.39)	0.078 (1.98)	0.081 (2.06)	0.396 (10.06)
-RB		30	0.131 (3.33)	0.571±0.054 (14.50±1.37)	0.046 (1.17)	0.025 (0.64)	0.201 (5.11)
-TB		10	0.379 (9.63)	0.571±0.173 (14.50±4.39)	0.067 (1.70)	0.074 (1.88)	0.326 (8.28)
-SB		30	0.131 (3.33)	0.571±0.054 (14.50±1.37)	0.046 (1.17)	0.025 (0.64)	0.197 (5.00)
-UB		10	0.379 (9.63)	0.571±0.173 (14.50±4.39)	0.067 (1.70)	0.074 (1.88)	0.322 (8.18)

Circuitry

Contact arrangement available in choice of single pole double throw, or single pole single throw, either normally open or normally closed.

Mounting

Recommended mounting screw size: #2–56 round head. Recommended torque on screw: 2 inch lbs. max. (with flat washer min. 0.240" [6.10mm] outside diameter).

Ordering Information

DA

3

Series/Prefix

Code

Current Rating

3

0.1A, 125VAC

B

5A, 24VDC

C

B

Code

Terminal Type inches (mm)

B

0.110 x 0.020 (2.79 x 0.51) QC

D

0.110 x 0.020 (2.79 x 0.51) SS

F

0.093 x 0.020 (2.36 x 0.51) QC

H

0.050 x 0.020 (1.27 x 0.51) PCB

K

0.110 x 0.020 (2.79 x 0.51) DIN

1

A

Code

Actuator Type

AA

Button

L

Lever Standard Ratio

M

Lever High Ratio

R

Roller Standard Ratio

T

Roller High Ratio

S

Simulated Roller Standard Ratio

U

Simulated Roller High Ratio

A

Code

Actuation Length inches (mm)

A

B

C

0.154 (3.91)

0.271 (6.88)

0.403 (10.24)

0.279 (7.09)

0.396 (10.06)

0.528 (13.41)

-0.061 (-1.55)

0.201 (5.11)

0.330 (8.38)

0.064 (1.63)

0.326 (8.28)

0.455 (11.56)

0.110 (2.79)

0.197 (5.00)

0.258 (6.55)

0.235 (5.97)

0.322 (8.18)

0.383 (9.73)

Code

Contact Configuration

A

SPST NO

B

SPST NC

C

SPDT

Code

Terminal Configuration

1

Standard

Actuation lengths are dimensioned from center line of switch mounting hole. Refer to dimensional drawing.