

DB Series

Subminiature

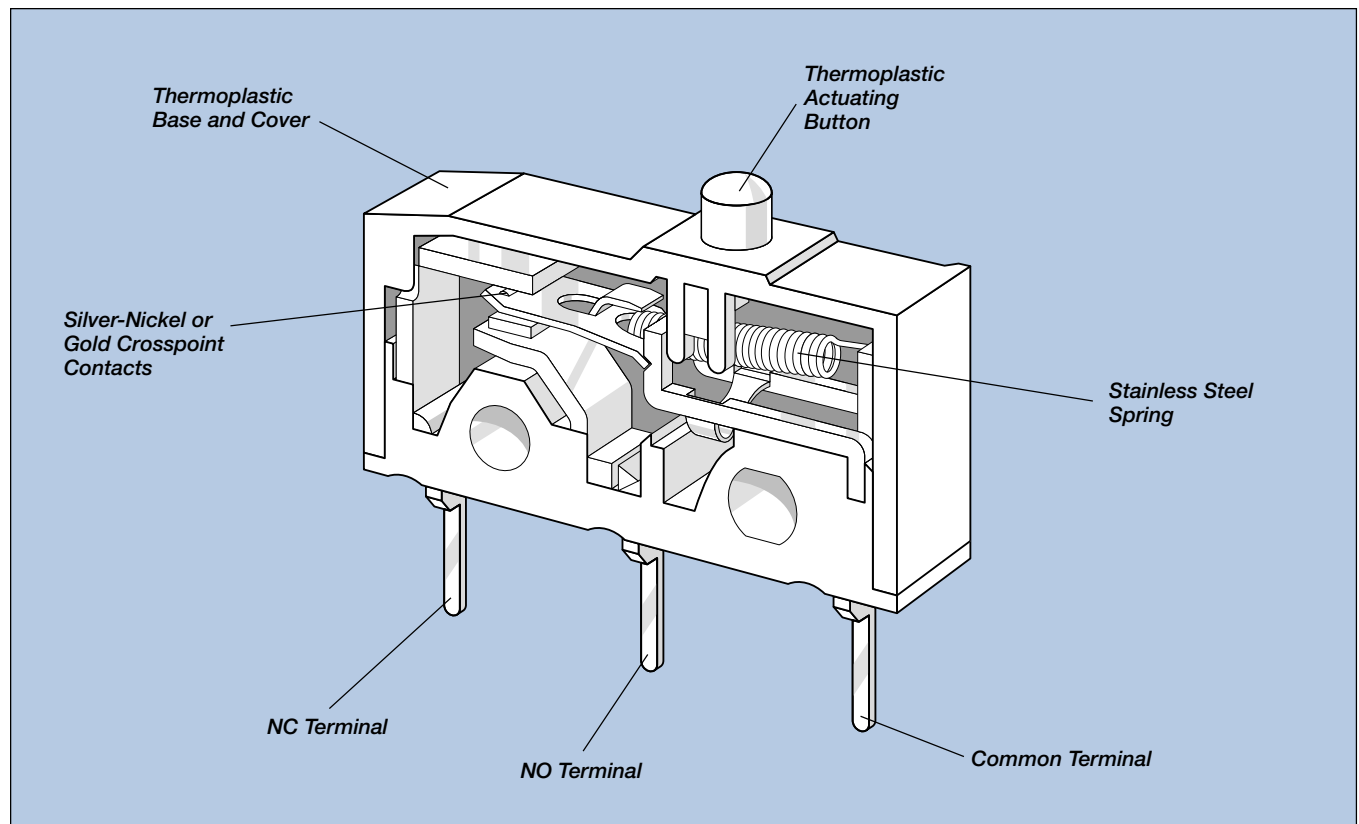
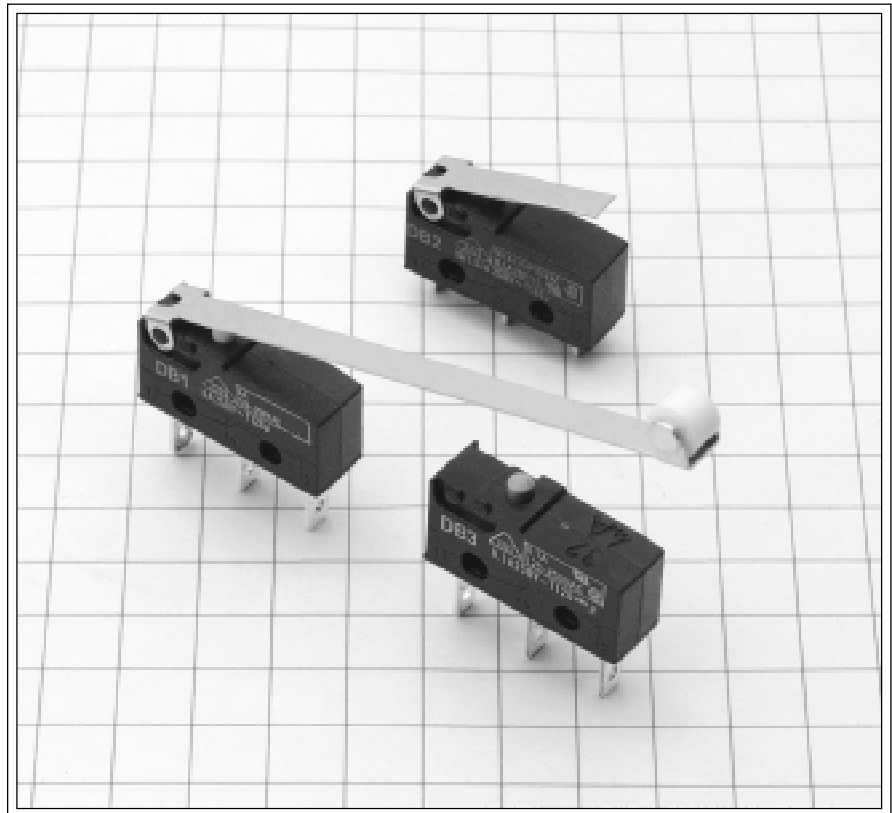
DB1 5.0 amp

DB2 10.1 amp

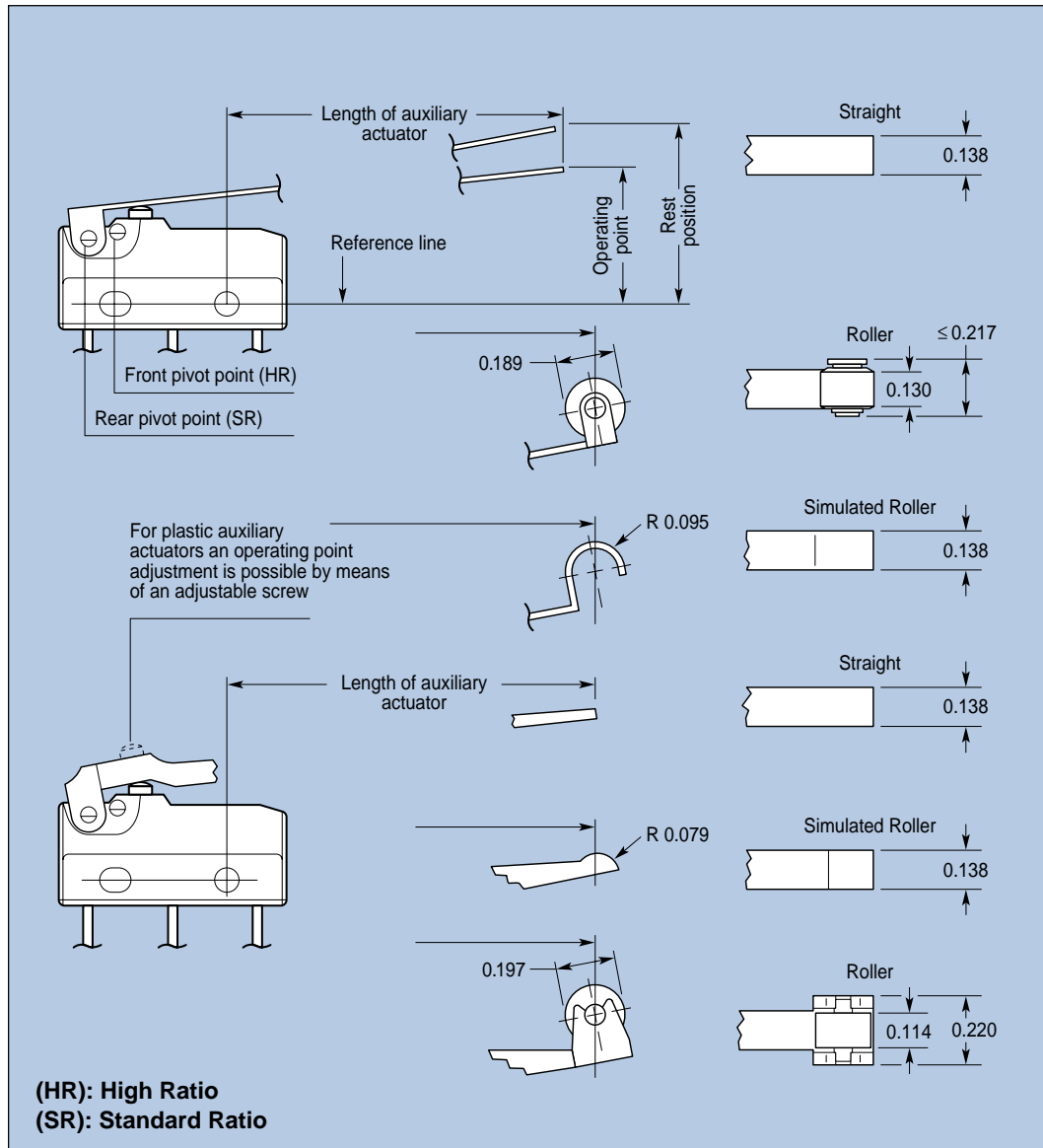
DB3 0.1 amp

Features

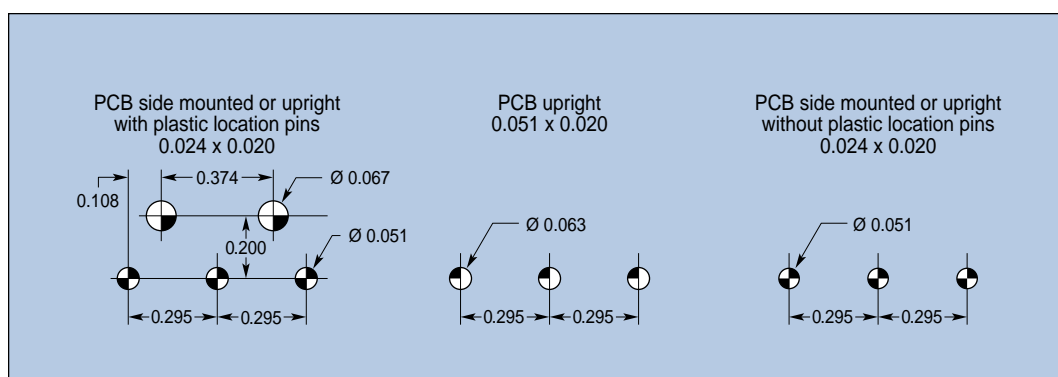
- A variety of solder, Q.C. and PCB type terminals
- Wide range of auxiliary actuators; pivot point optional
- Operating force from 150 to 250 gms
- Various types of contacts
- Symmetrical termination layout on a 2.5 grid
- PCB versions have plastic pin locations for side mounting or stand-off tabs for upright mounting. Auxiliary actuators can be added after PCB mounting
- Round button actuator with radius to provide the minimum frictional resistance
- Switch dimensions in accordance with DIN 41636, Type B
- All terminals sealed
- Suitable for automatic assembly when supplied with PCB terminals



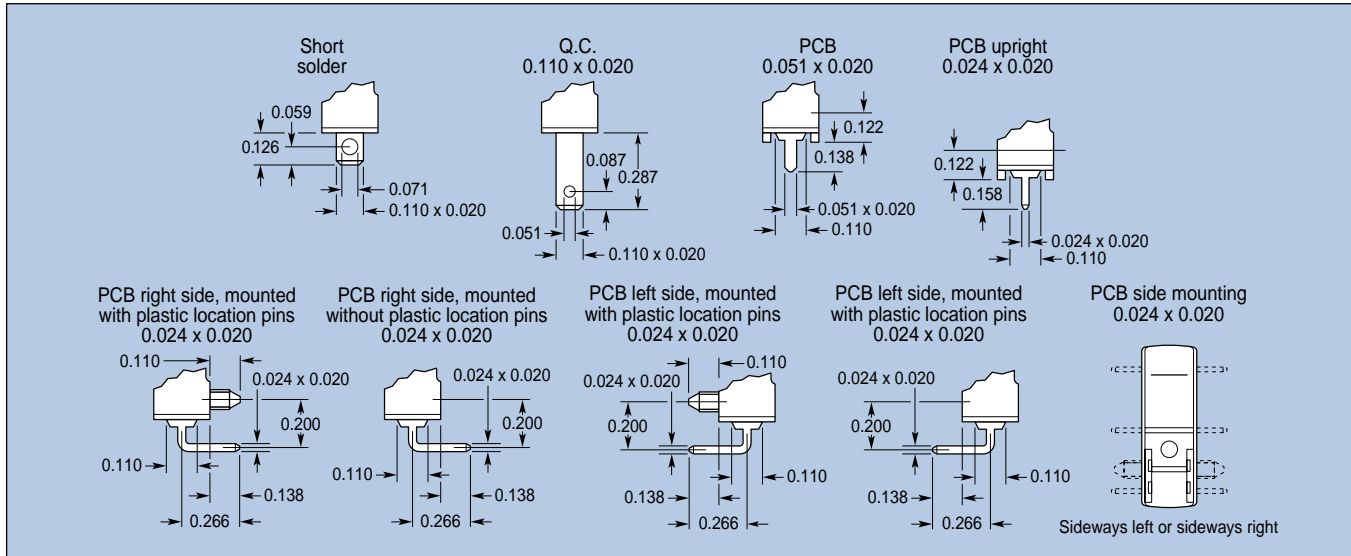
Auxiliary Actuator



PCB Footprints



Terminals



Characteristics

Operating Force	DB1 & DB3: 150 gms. max.; DB2: 250 gms. max.
Pretravel	0.039 max.
Overtravel	0.023 min.
Movement Differential	0.004 max.
Rest Position*	0.366 max.
Operating Point*	0.330 \pm 0.012

* Measured above reference line. Refer to dimensional drawing on page 2-3.

Ordering Information

DB

2

Series/Prefix

CODE	Current Ratings		Button Color
	VDE	UL	
1	6 amp 250V	5 amp 125-250 VAC	Neutral
2	10 (1.5) amp 250V	10A 1/4 HP 125 VAC 10.1 amp 250 VAC	Black
3	0.1 amp 250V	0.1 amp 250 VAC	Green

C

CODE	Contact Configuration
A	NO
B	NC
C	DT

A

CODE	Terminal Type
A	Solder Short ³
B	Q.C. ^{1,3} 0.110 x 0.20
C	PCB ³ 0.051 x 0.020
D	PCB ² 0.024 x 0.020

1

10 amp, not available as a VDE version






2

10 amp, version not possible

3

10 amp, only available in code 1 configuration

1

CODE	Terminal Config.
1	 Right
2	 Right
3	 Left
4	 Right w/o pins
5	 Left w/o pins

L

C

CODE	Actuator	Actuator Length			
		A	B	C	D
A	Button	—	—	—	—
M	Lever HR	—	0.275	0.370	1.712
L	Lever SR	—	0.189	0.275	1.653
T	Roller HR	—	0.185	0.280	1.622
R	Roller SR	—	0.098	0.185	1.563

Actuator lengths are dimensioned from centerline of switch mounting hole.

SR - Standard Ratio HR - High Ratio

