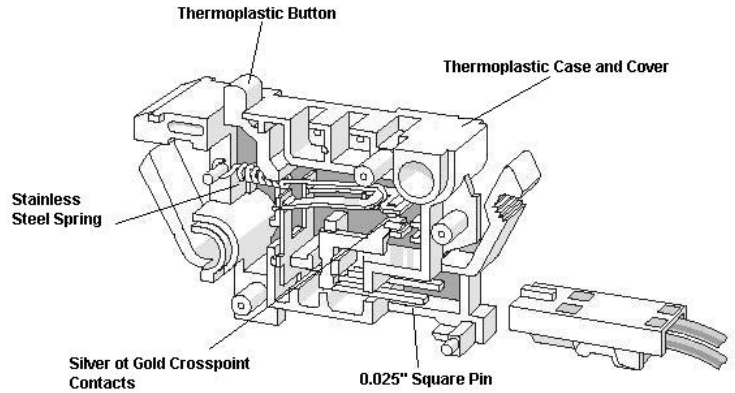


# Miniature Snap Action Switch DN Series



## Features

- Vertical or horizontal snap in mounting in addition to traditional screw mounting
- 0.025" square pin connector
- Long life coil spring mechanism
- Mates with standard 0.025" square pin connector on 0.100" centers (Example: Molex 50-57-9402)

## Electrical Ratings and Operating Life

Switch Series	According to UL1054		Mechanical Life (min)	Electrical Life (min)
	Nominal Load	Operation cycles		
DN3	0.1 amp 125VAC	6000	200,000	6,000

Technical Specifications		Material Specifications	
Temperature Rating:	-40°C to +85°C	Case:	Thermoplastic Polyester
Flammability Rating:	UL94V-0	Cover:	Thermoplastic Polyester
Contact Configuration:	SPST, N.O.	Actuator button:	Thermoplastic
		Contacts:	Gold Crosspoint
		Spring:	Stainless Steel
		Square Pins:	Gold plated Brass
UL File Number:	E23301	Auxiliary actuator:	Cold Rolled Steel (Nickel plated)

RoHS Compliant

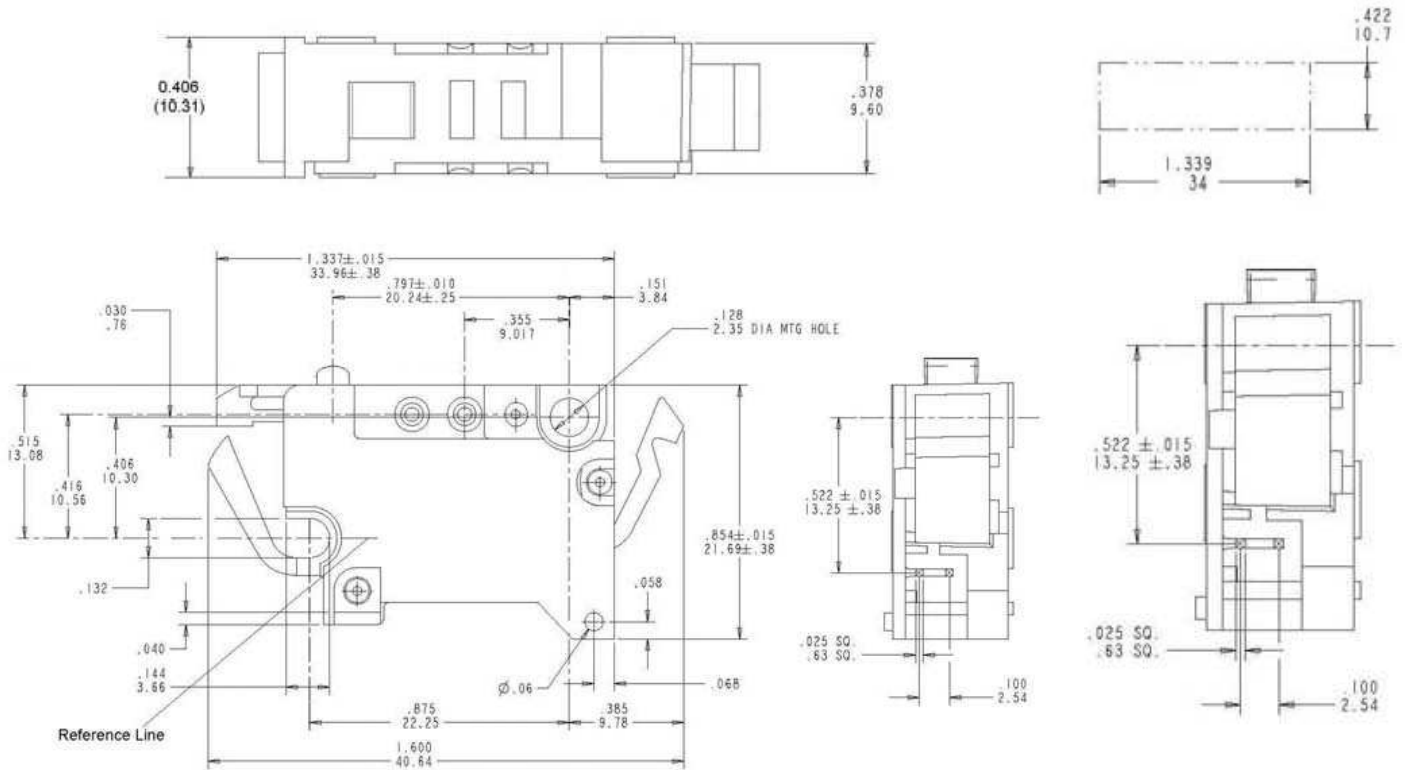
Specifications subject to change without notice



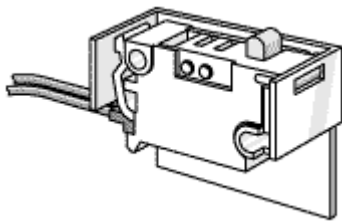
# Miniature Snap Action Switch

# DN Series

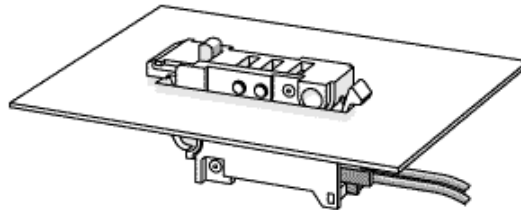
Dimensions inches(mm)



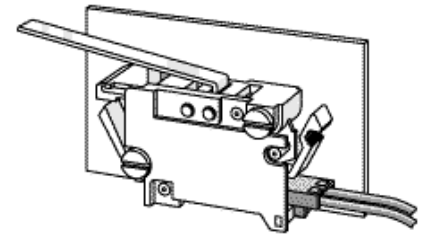
## Mounting Options



Vertical Snap-in Mount

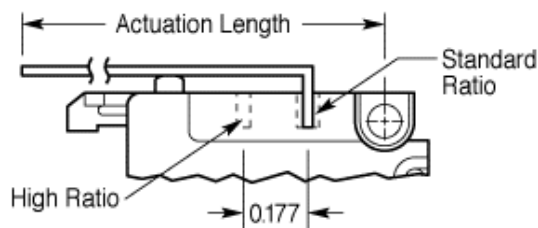


Horizontal Snap-in Mount



Traditional Screw Mount

## Actuators



## Operating Characteristics

Actuator Code	Actuator Type	Maximum Operating Force (g)	Maximum Pre-Travel inches (mm)	Operating Point inches (mm)	Minimum Over-travel inches (mm)	Maximum Movement Differential inches (mm)	Maximum Rest Position inches (mm)
AA	Button	75	0.047 (1.19)	0.578 +/- 0.020 (14.68 +/- 0.51)	0.050 (1.27)	0.010 (0.025)	0.640 (16.26)

For actuator lengths and additional options, see Ordering Information below.

## Ordering Information

DN	3	A	G	C	AA
Series	Code 3	Code A	Code G	Code C	Code AA
	UL 1054 Rating 0.1A 125 VAC	Contact Configuration SPST NO	Terminal Type 0.025" Square Pin	Actuator Configuration Standard	Actuator Type
					Actuation Length
					A C D
					AA Button -- -- --
					L Lever SR 0.965 (21.97) N/A 1.40 (35.56)
					M Lever HR 1.042 (26.47) N/A 1.58 (40.13)
					R Roller SR 0.810 (20.57) 1.34 (34.04) N/A
					T Roller HR 0.987 (25.07) 1.516 (38.51) N/A

Specifications subject to change without notice

## Contact

Call, fax or visit our Website for more information.

**ZF Electronics Corporation**  
11200 88th Avenue  
Pleasant Prairie, WI 53158

Phone: 262.942.6500  
Web: [www.cherrycorp.com](http://www.cherrycorp.com)  
Email: [cep\\_sales@zf.com](mailto:cep_sales@zf.com)  
Fax: 262.942.6566

The manufacturer accepts no liability for errors or non-availability, and reserves the right to change specifications without prior notice.

Technical data relates to product specifications only. Features may differ from those described. Only drawings combined with product specifications shall be deemed binding.

© 2007 ZF Electronics Corporation

Last Updated: 090711

