ZM Series **Subminiature Snap-acting Switches**



Features/Benefits

- Reliable snap-acting mechanism
- Long electrical and mechanical life
- Compact size—Ideal when space is limited
- Various PCB terminals and actuators
- RoHS compliant / compatible

Typical Applications

- PCB detection switch
- Communication devices
- Testing equipment
- Security/Alarm systems
- Consumer electronics



Specifications

CONTACT RATING: F7: 3A @ 125 VAC

M9: 0.2A @ 60 VDC.

ELECTRICAL LIFE: 15,000 Cycles. @ 3A INSULATION RESISTANCE: 100 M ohm min. DIELECTRIC STRENGTH: 1000 Vrms. OPERATING TEMPERATURE: -30°C to 85°C. OPERATING FORCE: CJ: 150 grams, CH: 90 grams.

* Low Level=conditions where no arcing occurs during switching, i.e., 0.4 VA max. @

20 V AC or DC max.

Materials

COVER: Nylon 6/6

ACTUATOR BUTTON: Nylon 6/6

CASE: Nylon 6/6 SPRING: SUS

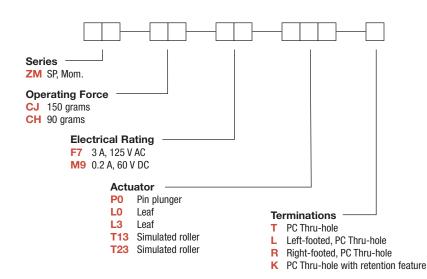
MOVABLE BLADE: BeCu - Au plated MOVABLE CONTACT: Silver - Au plated FIXED CONTACTS: Silver (M9 option Au plated)

FIXED TERMINALS: Brass - Ag plated. ACTUATOR (Leaf / Roller options): SUS

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

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 J-34 and J-35. For additional options not shown in catalog, consult Customer Service Center.





Third Angle Projection

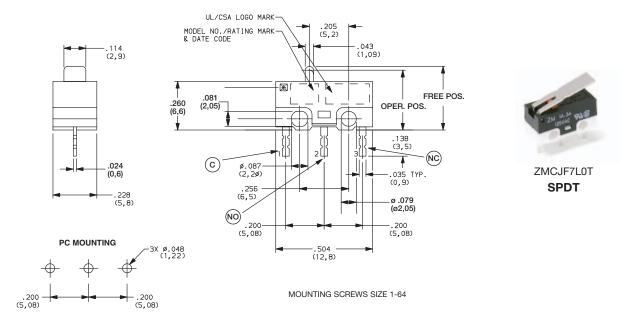
Dimensions are shown: Inches (mm) Specifications and dimensions subject to change



ZM Series Subminiature Snap-acting Switches

SERIES

SUBMINIATURE SNAP-ACTING SWITCHES - SP MOMENTARY



OPERATING FORCE

OPTION CODE	BASIC SWITCH OPERATING FORCE (OZ./GRAMS)	
CJ	5.29 150	
СН	3.15 90	

ELECTRICAL RATING

			CONTACT MATERIAL		
OPTION	RoHS COMPLIANT*	RoHS COMPATIBLE*	MOVABLE CONTACT	STATIONARY CONTACT	ELECTRICAL RATING
F7	Yes	Yes	Gold over fine silver	Fine silver	3 AMPS @ 125 V AC
M9	Yes	Yes	Gold over fine silver	Gold over fine silver	0.2 AMP @ 60 V DC

^{*} Note: See Technical Data section of this catalog for RoHS compliant and compatible definition and specifications.

All models c with all options.

Consult Customer Service center for availability and delivery of nonstandard ratings.

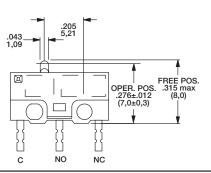


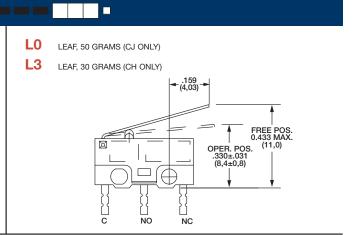
Dimensions are shown: Inch (mm) Specifications and dimensions subject to change



ACTUATOR

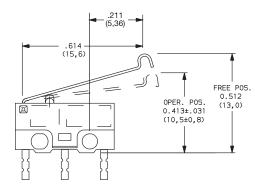






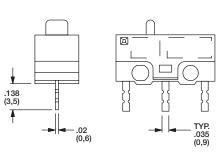
SIMULATED ROLLER, 40 GRAMS (CJ ONLY)

T23 SIMULATED ROLLER, 25 GRAMS (CH ONLY)

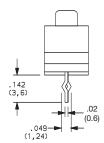


TERMINATIONS

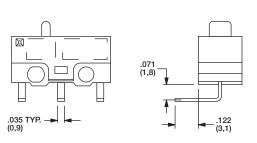




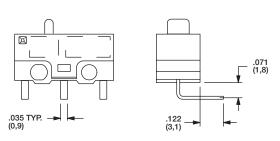




LEFT FOOTED, PC THRU-HOLE



RIGHT FOOTED, PC THRU-HOLE





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

