













LIMIT SWITCH SE-8107-A



TECHNICAL DETAILS		
Body	Metal Body	
Operation speed	0.5mm - 50cm/sec	
Operation speed	Mechanical: 120 operations/	
	minute Electrical: 30 operations/minute	
Contact Resistance	25m Ω max. (initial value)	
Insulation Resistance	100m Ω min(below 500VDC)	
Dielectric Strength	1000VAC, 50/60Hz for 1 minute between	
	terminals of the same polarity	
	1500VAC, 50/60 Hz for 1 minute between	
	current-carrging and non-current-carrging	
	metal parts	
	50/60 Hz for 1 minute between each terminal	
	and ground	
Vibration	10 55Hz, 1.5mm 10-55Hz 1.5mm double amplitude	
	Mechanical durobie 1,000m/Sec	
Shock	Malfunction: 300m/Sec	
Ambient Temperature	-5~+65C	
Humidity	95% RH	
Life	Mechanical 10,000,000 operations above	
	Electrical 500,000 operations above	
Weight	130 to 190g	



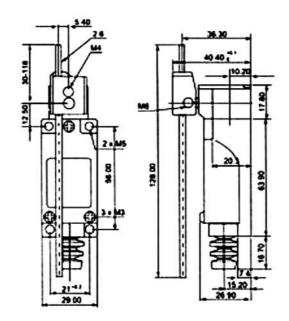




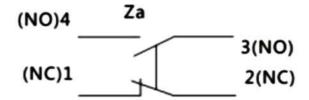
Operating Characteristics

Operating Force	5.88 N
Release Force	0.69 N
Pre-travel	20°
Over Travel	75°
Movement Differential	10°
Total Travel	95°

Dimension



Contact Form



Characteristis

- This Limit switch features a compact design and a long mechanical life.
- They have easy wiring with full open terminals and dust, water, oil proof construction.
- It is operated by the motion of a machine part or presence of an object.
- The defining feature of it is that a relatively small movement at the actuator button produces a relatively large movement at the electrical contacts, which occurs at high speed (regardless of the speed of actuation).