





LIMIT SWITCH SE-8104-B





Mechanical Life



Degree of protection



120	
Body	Plastic Body
Operation speed	0.5mm - 50cm/sec
Operating Frequency	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 ~ + 65°C
Humidity	95% RH
Life	Mechanical 10,000,000 operations above
	Electrical 500,000 operations above
Weight	130 to 190g
Degree of Protection	IP65

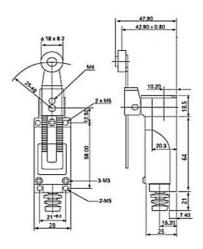
TECHNICAL DETAILS



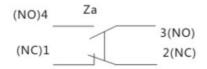


Operating Characteristics	
Operating Force	0.88 N
Release Force	0.49 N
Pre-travel	20°
Over Travel	75°
Movement Differential	10°
Total Travel	95°

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).