

LIMIT SWITCH

PLE-121



INPUT SPECIFICATIONS

Operation Speed	0.5mm-50cm/sec
Operating Frequency	Mechanical: 120 Operating/minutes Electrical : 30 Operations/minutes
Contact Resistance	25mΩ min. (Initial Value)
Insulation Resistance	100mΩ min. (below 500VDC)

OUTPUT SPECIFICATIONS

Dielectric Strength	1000VAC, 50/60Hz for 1 minute between terminals of the same polarity
	1500VAC, 50/60Hz for 1 minute between current-carrying and non-current-carrying metal parts

	1500VAC, 50/60Hz for 1 minute between each terminal and ground
Vibration	10-55Hz, 1.5mm double amplitude

ENVIRONMENT

Ambient Temperature	-10~ 70°C (with no icing)
Humidity	<95% RH
Life	Mechanical : 10 Million Operation above Electrical : 500,000 Operation above
Shock	Mechanical durable : 1,000m/sec ² (about 100G'S) Malfunction : 300m/sec ² (about 30G'S)

STANDARDS

Weight	About 130 to 190g
EMC Standards	EN60947-5-1
Degree Of Protection	IP65

Applications

- Industrial Control Panel
- Elevator Control Panel
- Injection Moulding Machines
- Industrial Machinery