Limit Switch

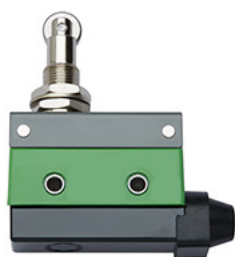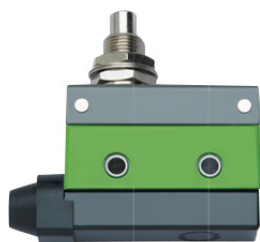**multicomp** PRO

MP-MLASS3B2

MP-MLASS3A1

Description

When it comes to selecting reliable and durable limit switches for industrial applications, the MPMLASS Plastic Limit Switches stands out as an exceptional choice. Designed with rugged engineering plastic, this switch offers a high mechanical strength and heat sustenance capacity that ensures long-lasting performance in even the most demanding environments.

Whether you're in the manufacturing, automation, or control industries, this snap action limit switch can handle the toughest of applications, providing the precision and durability required for optimal functionality.

Features

- Rigid Construction with Plastic body
- Made in engineering plastic with high mechanical strength & heat sustenance capacity.
- Cable entry from Side
- Oil , water & dust proof.
- Mechanical life - 1 Million & Electrical life - 0.5 Million
- Available in different actuators to suit different application.
- Contacts: Snap Action 1 NO + 1 NC

Specification

Characteristics

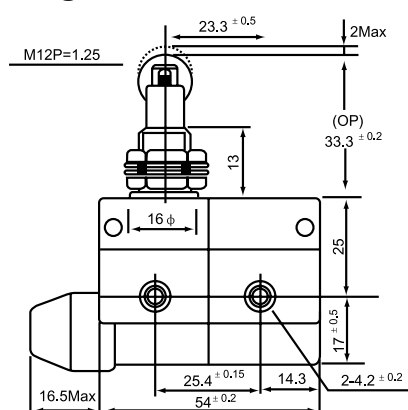|	
Operation speed	: 0.5mm-50cm/sec
Operating frequency	: Mechanical: 120 operations/minute Electrical: 30 operations/minute
Contact resistance	: 15mΩ max. (initial value)
Insulation resistance	: 100mΩ above (at 500VDC)
Dielectric strength	: 1500V AC, 50/60 Hz for 1 minute between terminals of the same polarity 1500V AC, 50/60 Hz for 1 minute between current-carrying and non-current-carrying metal parts 1500V AC, 50/60 Hz for 1 minute between each terminal and ground
Vibration	: Action:10 to 55Hz, 1.5mm pairs swing
Humidity	: <95% RH
Life	: Mechanical: 1 Million Electrical: 0.5 Million
Warranty	: 24 Months*
Degree of protection	: IP66 (IEC Standard)

Utilization Category for Limit Switches		
Kind of Current	Category	Typical Application
Alternative Current	AC-15	Control of Electromagnetic Load > 72 VA
Direct Current	DC-13	Control of Electromagnets

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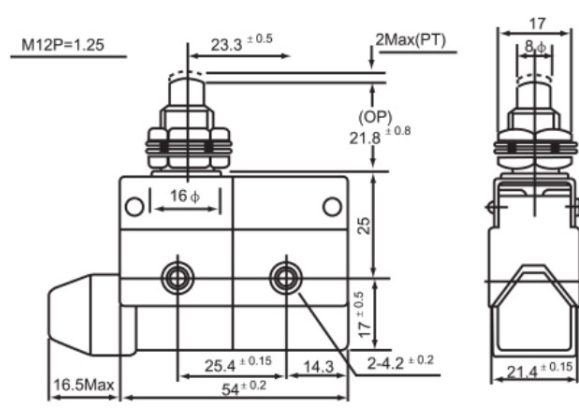
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Limit Switch

Contact Rating Designation Based on Utilization Catagories

Designation	Utilization Catagory	Conventional Enclosed Thermal Current	Rated Operational Current (A) at Rated Operational Voltage						VA Ratings	
Resistance Load			120V	240V	380V	480V	500V	600V	Make	Break
AC-15	10	6	3	-	-	-	-	-	7200	720
Direct Current			125V	250V		400 V	500 V	600 V	Make	Break
P600	DC-13	5	1.1	0.55		0.31	0.27	0.2	138	138

Diagram

MP-MLASS3B2

MP-MLASS3A1

Dimensions : Millimetres

Part Number Table

Description	Part Number
Limit Switch, 1NO1NC, Snap Action, Top Roller Push Plunger, Operating Position 33.3mm	MP-MLASS3B2
Limit Switch, 1NO1NC, Snap Action, Top Push Rod Plunger, Operating Position 21.8mm	MP-MLASS3A1

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