

# Limit Switches

## Series 3SX5-ME

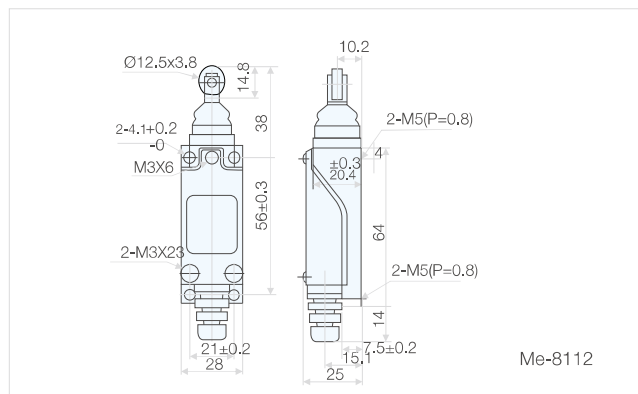
### Applicable range

Limit switches are ideal electrical control switches. They feature compact structure, nice appearance, excellent performance, reliable action, easy installation, operation, maintenance and adjustment. At Sassin we have a variety of limit switches so you can find the limits witch that fits your individual needs.

The switches are applicable to AC control circuits of 50 to 60 Hz, with a voltage up to 500 V or DC control circuits with a voltage up to 250 V, and a current up to 15 A to convert a mechanical signal into an electrical signal for the purpose of controlling mechanical movement or performing sequential control.

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Load	Resisting load	Induced load
AC 125 V	5 A	3 A
AC 250 V	5 A	2 A
DC 115 V	0.4 A	0.1 A



### Characteristics

Initial contact resistance,max 15 m $\Omega$ (Initial insulation resistance)at 500 V DC	By voltage drop 6 or 8 V DC at rated current (min) 100 m $\Omega$
Initial breakdown voltage	1,000 Vrms for 1 min between non-consecutive terminals 2,000 Vrms for 1 min Between dead metal parts and each terminal 2,000 Vrms for 1 min Between ground and each terminal
shock resistance max.	In the free position      10 G In the operating position      30 G
Vibration resistance	Standard type      (max) 55 Hz
Life(min.operations)	Mechanical      10 <sup>7</sup> (at 120 cpm) Electrical      3x10 <sup>5</sup> , at rated resistive load of AC 5 A 3x10 <sup>6</sup> , at magnetic contactor load of 200 V AC
Ambient temperature	-20 to + 60 °C - 4 to + 140 °C
Ambient humidity	< 95%
Degree of protection	IP64

Type	LJW8-8104 AZ-8104	LJW8-8108 AZ-8108	LJW8-8107 AZ-8107	LJW8-8111 AZ-8111	LJW8-8112 LJW8-8122 AZ-8112 AZ-8122	LJW8-8166 LJW8-8169 LJW8-8200 AZ-8166 AZ-8169 AZ-8200
Operation speciality						
OF (max)	750 g	750 g	750 g	900 g	900 g	150 g
RF (min)	100 g	100 g	100 g	150 g	150 g	-
PT	20°	20°	20°	1.5 mm	1.5 mm	30 mm
OT (min)	50°	50°	50°	4 mm	4 mm	-
MD (max)	12°	12°	12°	1 mm	1 mm	-
OP	-	-	-	26 $\pm 0,8$ mm	37 $\pm 0,8$ mm	-