

▶ MJ3-5 SERIES POSITIVE OPENING MICRO SWITCHES

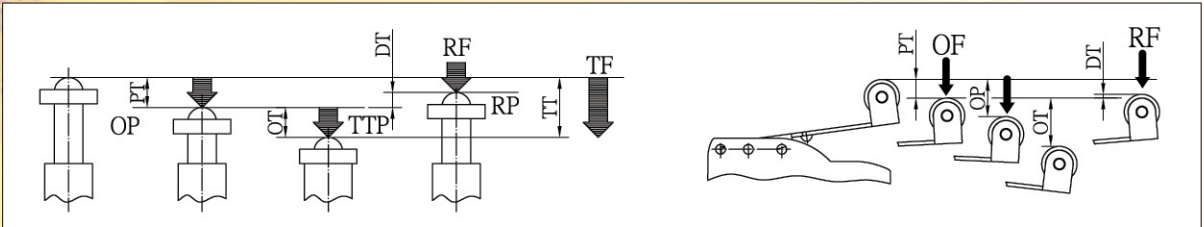
◆ Features / 功能 :

1. Dual contacts. / 雙接點接觸，接觸誤差率幾乎為零！
2. Positive opening. / 機械性強制脫離的功能，可避免因接點熔合而不動作！
3. IP40 & IP65 protection degree. / 防水等級 IP40 ~ IP65 的多種組合。
4. Flexible application. / 多項組合（螺絲端子、焊接端子、250 快速端子，及多種動作柄組合設定）。



Positive opening / 強制脫離

◆動作行程圖示



DT-Differential Travel
PT-Pretravel
OT-Over Travel
OP-Operation Position
OF-Operating Force
RF-Release Force



- MJ3-CB5 螺絲端子 IP65 防水護套
Terminal protection cover just for screw terminal IP65 type.
- MJ3-CB6 快速端子 IP65 防水護套
CB6 protection cover is for quick connect terminal IP65 type.

◆ Rating current / 額定 :

5A / 250VAC
4A / 24VDC 1.1A / 125VDC 0.4A / 250VDC

◆ IEC60947-5-1

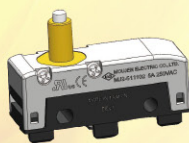
5A 250V ~ IP40&65 AC15 Ith16A

◆ CHARACTERISTICS / 特性

Operation frequency	Mechanically: 60 operations/min. Electrically: 30 operations/min.
Contact resistance	15mΩ max.(initial)
Insulation resistance	100MΩ min.(at 500VDC)
Dielectric Strength	1000VAC, 50/60Hz for 1 minute between non-continuous terminals 2000VAC, 50/60Hz for 1 minute between current-carry part and ground
Vibration	1.5mm amplitude at 55Hz
Protection degree	IP40, IP65 with protection terminal cover
Ambient operating temperature	-25°C to +80°C
Humidity	85% RH max
Service life	Mechanically: 10,000,000 operations Electrically: 500,000 operations



● 511101



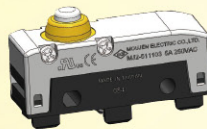
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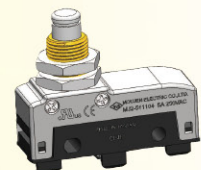
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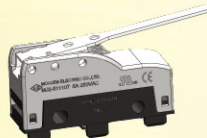
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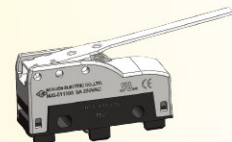
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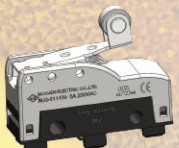
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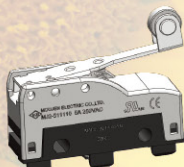
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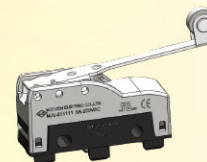
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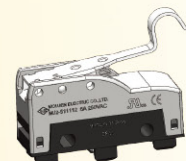
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● 511110

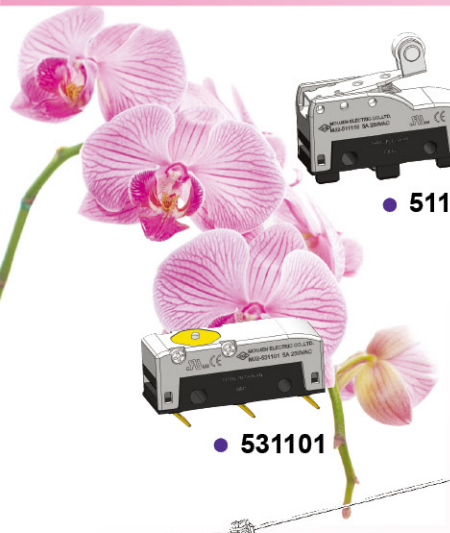


● 511111



● 511112

▶ MJ3-5 SERIES POSITIVE OPENING MICRO SWITCHES



● 511119



● 511121



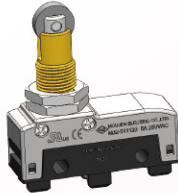
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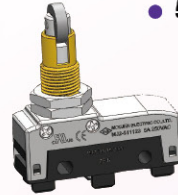
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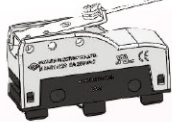
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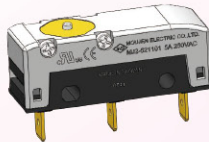
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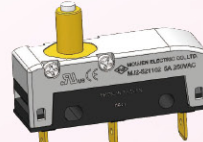
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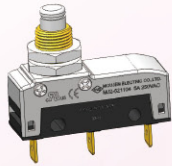
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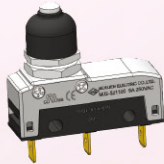
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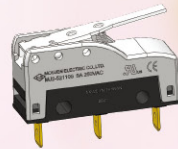
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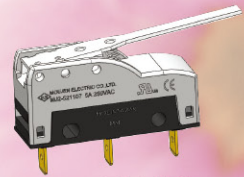
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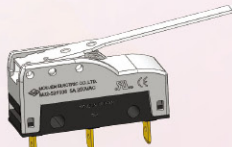
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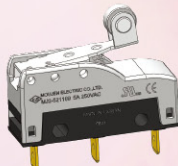
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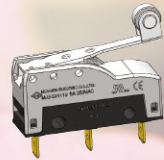
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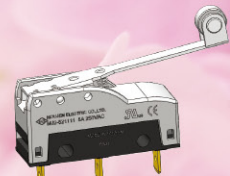
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● 521109



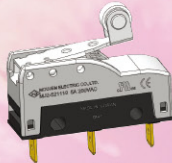
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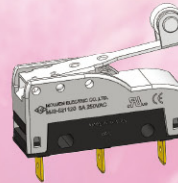
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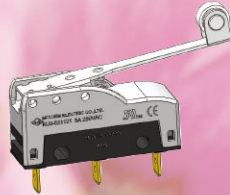
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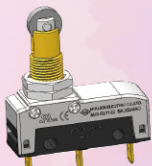
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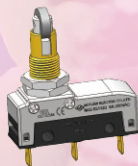
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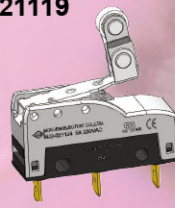
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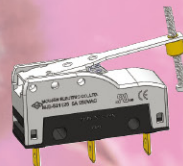
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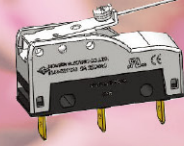
● 521123



● 521124



● 521125



● 521126

Product Codes For Positive Opening Switch MJ3- 5 Series 成品編碼

Code Definition 編碼定義

Series 系列

Terminal Type 端子型式

51 = Screw terminals 螺絲端子

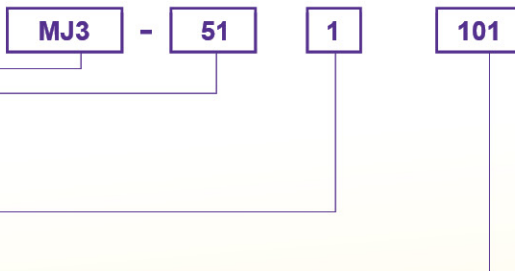
52 = Quick connect terminals 快速端子

53 = Quick connect bending terminals 右彎快速端子

Protection class 保護等級

1 = IP40 2 = IP65

Actuator 動作柄



101 = Pin plunger	針狀彈簧按鈕	134 = Unidirectional roller lever, long	雙層滾輪長搖柄型
102 = Slim plunger	細彈簧按鈕	246 = Reverse hinge lever, short	逆動作短搖柄
103 = Short metal plunger	金屬短彈簧按鈕	247 = Reverse hinge lever, long	逆動作長搖柄
104 = Metal plunger	金屬彈簧按鈕	248 = Reverse hinge lever, prolong	逆動作加長搖柄
105 = Metal sealed plunger	防油金屬彈簧按鈕	249 = Reverse metal roller lever, short	逆動作短金屬輪搖柄
106 = Hinge lever, short	短搖柄	250 = Reverse metal roller lever, long	逆動作長金屬輪搖柄
107 = Hinge lever, long	長搖柄	251 = Reverse metal roller lever, prolong	逆動作加長金屬輪搖柄
108 = Hinge lever, prolong	加長搖柄	252 = Reverse dummy Roller lever	逆動作勾狀搖柄
109 = Metal roller lever, short	短金屬輪搖柄	254 = Reverse unidirectional roller lever	逆動作雙層滾輪搖柄型
110 = Metal roller lever, long	長金屬輪搖柄	255 = Reverse hinge lever with screw plunger	逆動作螺絲感觸軸搖柄
111 = Metal roller lever, prolong	加長金屬輪搖柄	260 = Reverse plastic roller lever, long	逆動作長塑膠輪搖柄
112 = Dummy Roller lever	勾狀搖柄	261 = Reverse plastic roller lever, prolong	逆動作加長塑膠輪搖柄
113 = Short plastic plunger	塑膠短彈簧按鈕	362 = Rear dummy Roller lever	後置動作勾狀搖柄
114 = Plastic plunger	塑膠彈簧按鈕	364 = Rear unidirectional roller lever	後置動作雙層滾輪搖柄型
115 = Plastic sealed plunger	防油塑膠彈簧按鈕	365 = Rear hinge lever with screw plunger	後置動作螺絲感觸軸搖柄
119 = Plastic roller lever, short	短塑膠輪搖柄	366 = Rear hinge lever, short	後置動作短搖柄
120 = Plastic roller lever, long	長塑膠輪搖柄	367 = Rear hinge lever, long	後置動作長搖柄
121 = Plastic roller lever, prolong	加長塑膠輪搖柄	368 = Rear hinge lever, prolong	後置動作加長搖柄
122 = Metal roller plunger	金屬滾輪押扣型	369 = Rear metal roller lever, short	後置動作短金屬輪搖柄
123 = Cross metal roller plunger	90 度金屬滾輪押扣型	370 = Rear metal roller lever, long	後置動作長金屬輪搖柄
124 = Unidirectional roller lever, short	雙層滾輪短搖柄型	371 = Rear metal roller lever, prolong	後置動作加長金屬輪搖柄
125 = Hinge lever with screw plunger	螺絲感觸軸搖柄	379 = Rear plastic roller lever, short	後置動作短塑膠輪搖柄
126 = Wire hinge lever	鋼線感觸搖柄	380 = Rear plastic roller lever, long	後置動作長塑膠輪搖柄
132 = Plastic roller plunger	塑膠滾輪押扣型	381 = Rear plastic roller lever, prolong	後置動作加長塑膠輪搖柄
133 = Cross plastic roller plunger	90 度塑膠滾輪押扣型		

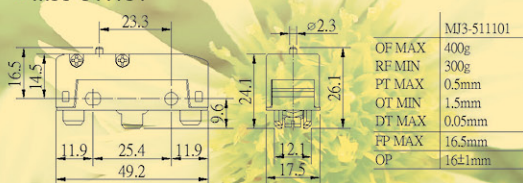
DIMENSIONS (mm)

OPERATING CHARACTERISTICS

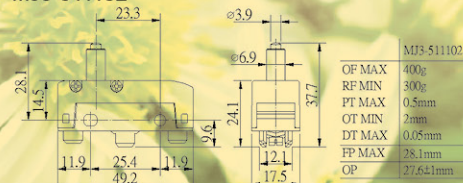
DIMENSIONS (mm)

OPERATING CHARACTERISTICS

• MJ3-511101



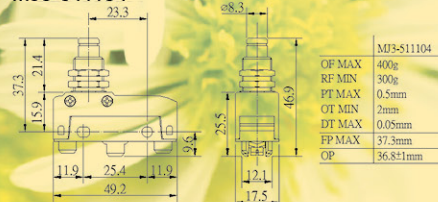
• MJ3-511102



• MJ3-511103



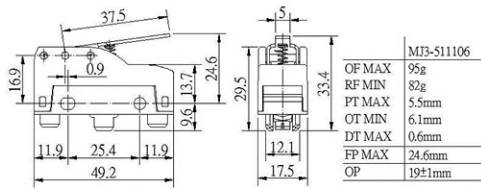
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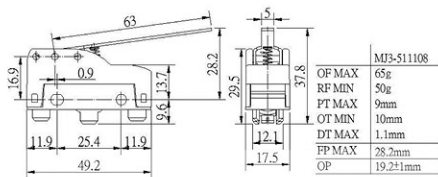
DIMENSIONS (mm)

OPERATING CHARACTERISTICS

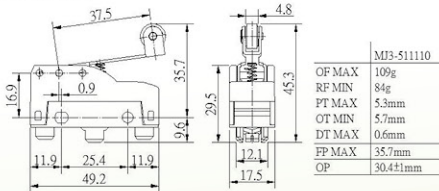
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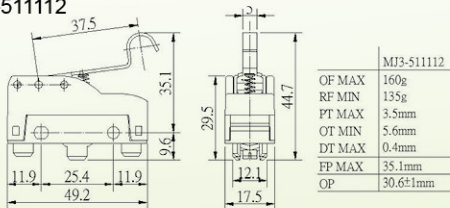
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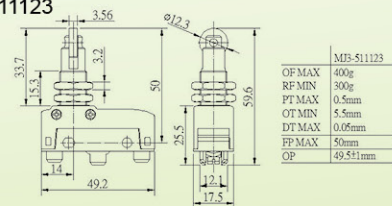
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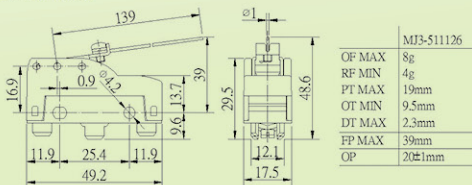
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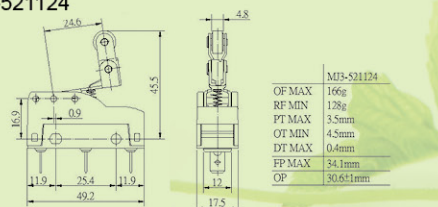
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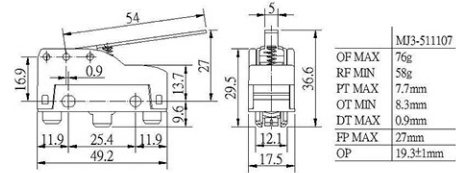
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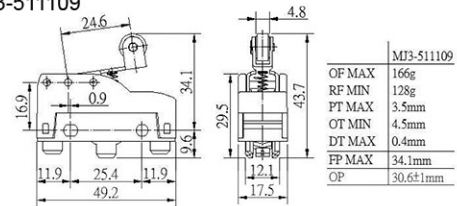
DIMENSIONS (mm)

OPERATING CHARACTERISTICS

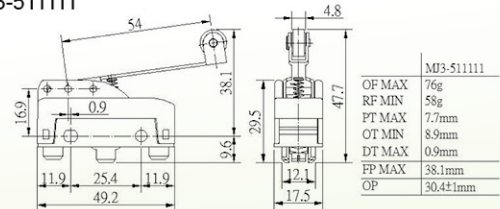
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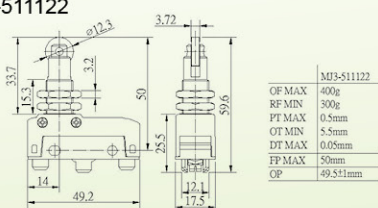
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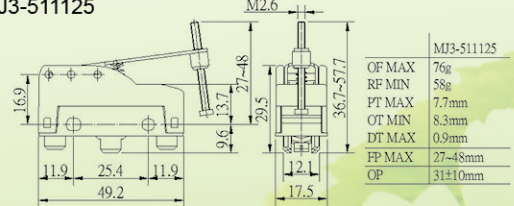
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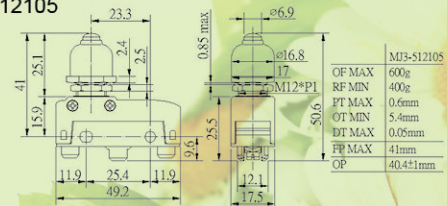
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● MJ3-511125



● MJ3-512105



● MJ3-531101

