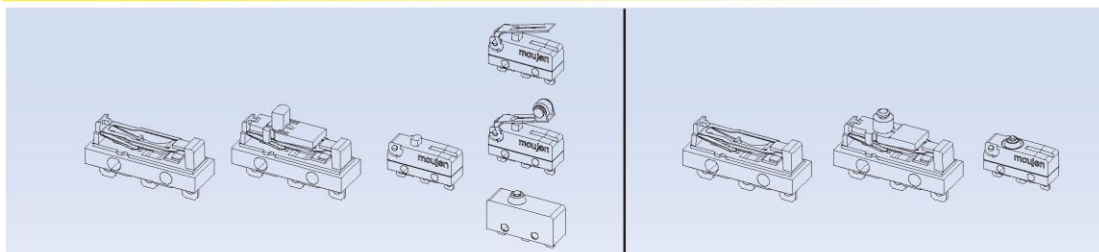




► MZ-7 SERIES Watertight Miniature Switches 超小型強制脫離微動開關



◆ FEATURES/功能

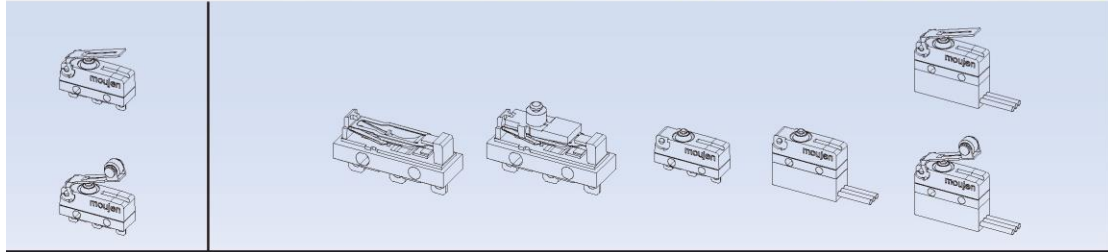
- MZ-7 Miniature Switch with positive opening operation. (IEC/EN 60947, UL508, VDE0660) / 強制脫離超小型開關。
- Ideal for use in machinery, control units and automation systems. / 適用於機器設備、控制元件、自動化系統。
- MZ-7 Miniature Switch features positive opening operation of NC contacts even when contacts are welded due to short-circuits or overload currents. / 常閉接點因短路或超載過電流而造成接點無法開路時，具有強制脫離的功能。
- Optional actuators available with plain lever or roller lever. / 可選用搖柄或搖輪柄。
- Protection degree is for contact are IP40, IP60 and IP67. / 三種IP保護等級IP40、IP60、IP67。
- With Silver or Gold or Cu+Ag contact material. / 銀接點(標準型) 或金接點(特殊型) 或銅鍍銀(特殊型)。

◆ CHARACTERISTICS/特性

Operating frequency	Mechanical	200 operations /min.
Contact material	Ag or Au	
Contact resistance	100mΩ max.	
Insulation resistance	100MΩ min. (at 500 VDC)	
Dielectric strength	1000VAC, 50/60 Hz for 1 minute between terminals of the same polarity.	
Ambient operating temperature	-25°C to +80°C	
Ambient operating Humidity	85% ~ 100% RH max.	
Service life	Mechanical	500,000 operations min
Degree of protection	IP40, IP60 & IP67	



ORDER GUIDE



Product Codes For Watertight Miniature Switches MZ-7 Series 成品編碼

Code Definition 編碼定義

Series 系列 MZ-7-5-1-1-B-U

Type No. 型號

Actuator options 動作配件選擇

5 = Pushbutton (standard) 標準型
 6 = Plain lever, short 短搖柄
 7 = Plain lever, long 長搖柄
 8 = Roller lever, short 短輪搖柄
 9 = Roller lever, long 長輪搖柄
 0 = Dummy Roller 勾狀搖柄

Contact materials 接點材料

0 = Cu-Ag
 1 = Silver
 2 = Gold

Protection class 保護等級

1 = IP40
 2 = IP60
 3 = IP67
 4 = IP67 covered with PVC tube IP67+塑膠套管

Wire side 電線出口

R = Right side 右側出線
 L = Left side 左側出線
 B = Bottom side 底部出線

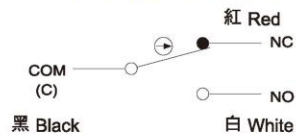
Wire specification 電線規格

S = Standard wires 一般型
 U = UL wires 美國安規電線 (AWG20)

Wire length 電線長度

Blank = Standard(50cm)
 Custom made

◆ CIRCUITRY / 電器回路



◆ RATING / 額定

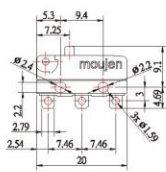
5A , 250VAC

MZ-7	
FP	9.1±0.15mm
OP	8.4±0.2mm
RP	8.55±0.2mm
TTP	7.15(MIN)mm
RT	0.7mm
OT	1.25mm
DT	0.55mm
TT	1.95mm

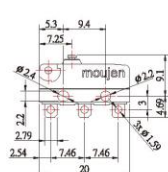
Mounting : Tightening Torque Of The Screws Is 0.2 Nm Max.

DIMENSIONS (mm)

● MZ-7511



● MZ-7512



● MZ-7513

