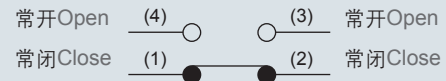


TZ 行程开关 Limit Switch

特征 Features

- 双回路型限位开关
- 结构坚固，由锌合金及强化塑胶组成
- 体积小，可防水、防油
- 内藏微动开关有双簧片机构，机械寿命更长
- 具较大之OT动作
- 容易配线之导管设计
- 引动器种类多，方便使用
- Double circuit type of limit switch
- Highly rigid construction, consists of intensive plastic and aluminum cast (Head and cover snugly fit in box)
- Small volume, water-proof and oil-proof construction
- Built-in basic switch with double spring mechanism, longer mechanical life
- Smooth operation with greater OT
- Easy-to-wire circuit opening design
- Wide variety of actuators, easily use

接点型式 Contact Form



额定值 Ratings

额定电压 Rated voltage	非电感性负载 Noninductive Load (A)				电感性负载 Inductive Load (A)			
	电阻性负载 Resistance Load		灯泡负载 Lamp Load		电感性负载 Inductive Load		马达负载 Motor Load	
	NC	NO	NC	NO	NC	NO	NC	NO
125VAC	5	5	1.5	0.7	3	3	2	1
250VAC	5	5	1	0.5	3	3	1.5	0.8
8VDC	5	5	3	3	5	4	3	3
14VDC	5	5	3	3	4	4	3	3
30VDC	5	5	3	3	4	4	3	3
125VDC	0.4	0.4						
250VDC	0.2	0.2						
突入电流 Inrush Current	N.C.:24A以下, N.O.:12A以下 N.C: below 24A, N.O: below 12A							

注: 1、电感性负载之功率因素在0.4以上(AC)。时间常数在7msec以下(DC)。

2、灯泡负载之突入电流为稳定状态电流之10倍。马达负载之突入电流为稳定状态电流之6倍。

NOTES: 1. Inductive load has a power factor of 0.4 min.(AC) and a time constant of 7 msec.max.(DC).

2. Lamp load has an inrush current of 10 times the steady-state current, while motor load has an inrush current of 6 times the steady-state current.

特性 Characteristics

操作速度 Operation speed	0.5mm至50cm/sec(锁住塞型) 0.5mm-50cm/sec
动作频率 Operating frequency	机械:120次/分 电气:30次/分 Mechanical: 120 operations/minute Electrical: 30 operations/minute
接点电阻 Contact resistance	25mΩ (mm)(初期) 25mΩ max. (initial value)
绝缘电阻 Insulation resistance	100MΩ 以上(在500VDC下) 100mΩ min. (below 500VDC)
电介强度 Dielectric strength	非连续端子间1,000VAC, 50/60Hz持续1分钟 1000VAC, 50/60 Hz for 1 minute between terminals of the same polarity
	载电流与无载电流零件间1,500VAC, 50/60Hz持续1分钟 1500VAC, 50/60 Hz for 1 minute between current-carrying and non-current-carrying metal parts
端子和接地之间1,500VAC, 50/60Hz持续1分钟 1500VAC, 50/60 Hz for 1 minute between each terminal and ground	
振动 Vibration	10至55Hz, 1.5mm双振幅 10-55Hz, 1.5mm double amplitude
冲击 Shock	机械耐久:1,000m/Sec ² (约100G' S) 误动作耐久:300m/Sec ² (约30G' S) Mechanical durable: 1,000m/Sec ² (about 100G'S) Malfunction: 300m/Sec ² (about 30G'S)
周围温度 Ambient temperature	使用时:-5至+65℃
湿度Humidity	95%RH以下 <95% RH
使用寿命 Life	机械:10,000,000次以上 电气:500,000次以上 Mechanical: 10,000,000 operations above Electrical: 500,000 operations above
重量Weight	约130至190g About 130 to 190g
保护构造 Degree of protection	IP65

动作特性 Operating Characteristics

型号Models	TZ-8104	TZ-8108	TZ-8107	TZ-8111	TZ-8112/8122	TZ-8166/8167/8168/8169
OF最大(Max.)	750g	750g	750g	900g	900g	150g
RF最小(Min.)	100g	100g	100g	150g	150g	-
PT最大(Max.)	20°	20°	20°	1.5mm	1.5mm	30mm
OT最小(Min.)	50°	50°	50°	4mm	4mm	-
MD最大(Max.)	12°	12°	12°	1mm	1mm	-
OP	-	-	-	26 ± 0.8mm	37 ± 0.8mm	-

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外观和尺寸 Appearance and Dimension

