

特征 Features

- 引动器种类多,且有动作位置可调整之设计(如CZ-7121)
- 外壳包覆强化塑胶、防水、防油,较CM型微动开关有更高的机械强度,耐冲击
- Various of actuators, the operation position is adjustable (such as CZ-7121)
- Outer shell covered with intensive plastic, water-proof and oil-proof. The mechanical strength is better than CM type of micro switch, bear hitting

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	10	3	1.5		10	5	2.5	
250VAC	10	2.5	1.25		10	3	1.5	
480VAC	3	1.5	0.75		2.5	1.5	0.75	
8VDC	10	3	1.5		6	6	5	
14VDC	10	3	1.5		6	6	5	
30VDC	8	3	1.5		6	5	2.5	
125VDC	0.5	0.4	0.4		0.05	0.05	0.05	
250VDC	0.25	0.2	0.2		0.03	0.03	0.03	

注:1、电感性负载:功率因素=0.4;时间常数=7msec。

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。

3、带弹簧系列产品,操作体的使用范围为从弹簧的前端到弹簧全长的1/3以内。

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.

3. Product with spring, its usable range of operating part is within one third of the whole spring length from the front end of spring.

动作特性 Operating characteristics

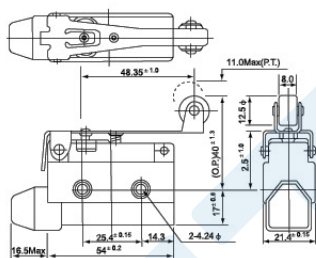
型式 Models	CZ-7100	CZ-7110	CZ-7310	CZ-7311	CZ-7312	CZ-7120	CZ-7140	CZ-7121	CZ-7141	CZ-7124	CZ-7144	CZ-7166
OF最大(Max.)	600g	600g	600g	600g	600g	150g	220g	180g	240g	200g	280g	120g
RF最小(Min.)	100g	100g	100g	100g	100g	40g	60g	50g	80g	60g	100g	
PT最大(Max.)	2.0mm	2.0mm	2.0mm	2.0mm	2.0mm	13.5mm	8.5mm	11.0mm	6.5mm	11mm	6.5mm	250mm
OT最小(Min.)	0.8mm	5.0mm	6.0mm	6.0mm	6.0mm	4.0mm	2.5mm	3.0mm	2.0mm	3.0mm	2.0mm	11mm
MD最大(Max.)	0.8mm	0.8mm	0.8mm	0.8mm	0.8mm	3.2mm	2.0mm	2.4mm	1.5mm	2.4mm	1.5mm	
OP	30.5 ± 0.8mm	44 ± 1.2mm	21.8 ± 1.2mm	33.3 ± 1.2mm	33.3 ± 1.2mm	25 ± 1mm	25 ± 1mm	40 ± 1mm	40 ± 1mm	50 ± 1.2mm	50 ± 1.2mm	
FP						35mm	32mm		46mm		56mm	

特性 Characteristics

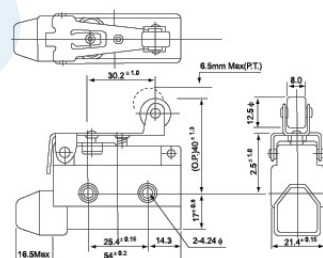
操作速度 Operation speed	0.01mm至50cm/sec(锁住塞型) 0.5mm-50cm/sec
动作频率 Operating frequency	120次/分 Mechanical: 120 operations/minute Electrical: 30 operations/minute
接点电阻 Contact resistance	15mΩ以下(初期) 15mΩ max. (initial value)
绝缘电阻 Insulation resistance	100MΩ以上(在500VDC以下) 100mΩ above(at 500VDC)
电介强度 Dielectric 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	误动作耐久:10至55Hz, 1.5mm双振幅 Action: 10 to 55Hz, 1.5mm pairs swing
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:-10~+80℃ (没有结冰With no icing)
湿度 Humidity	< 95% RH
使用寿命 Life	机械:10,000,000次以上(在额定OT值下) 电气:500,000次上 Mechanical: 10,000,000 operations above (under rated OT) Electrical: 500,000 operations above
重量 Weight	约60g About 60g

外观和尺寸 Appearance and Dimension

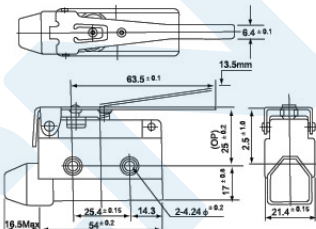
CZ-7121



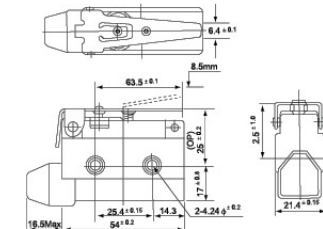
CZ-7141



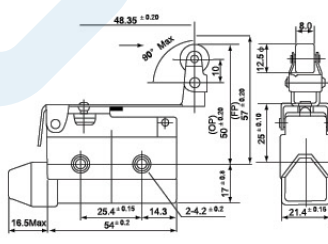
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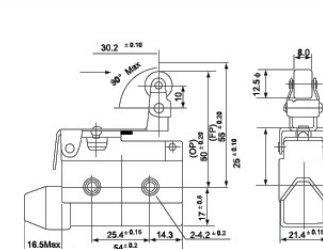
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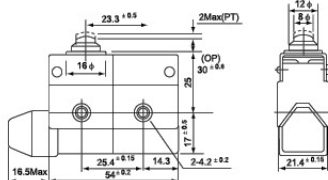
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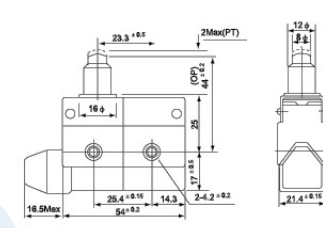
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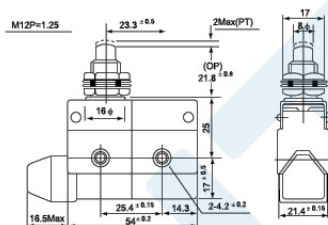
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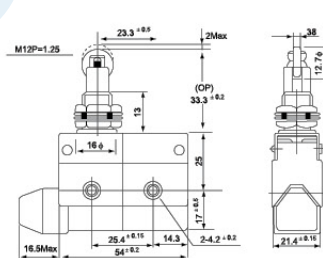
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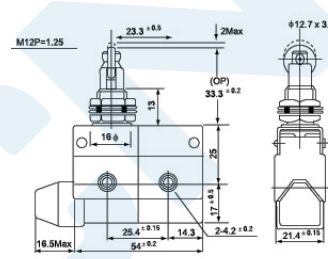
CZ-7310



CZ-7311



CZ-7312



CZ-7166

