

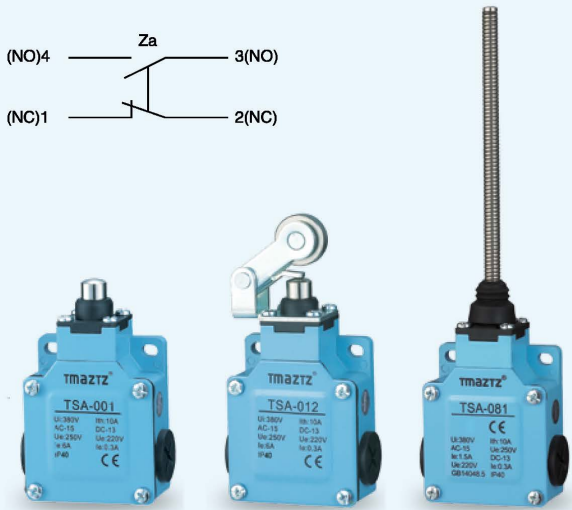
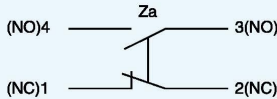
TSA 限位开关 Limit Switch



特征 Features

- ◎ 坚硬金属外壳，极大摇臂角度 ±95°
- ◎ 不锈钢滚轮，冲头及弹簧
- ◎ 导管连接器尺寸标配 M18 × 1.5
- ◎ Strong metal outer shell, swing arm max. ±95°
- ◎ Stainless steel idler wheel, punch and spring
- ◎ Selective M18x1.5 cable gland

接触形式 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。
- 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。

NOTE: 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

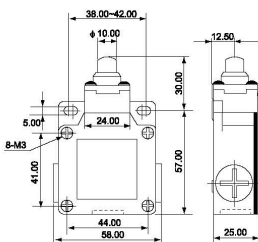
动作特性	Operating Characteristics	型号 Model	TSA-001	TSA-003	TSA-012	TSA-021	TSA-041	TSA-031	TSA-051	TSA-061	TSA-071	TSA-081
操作力	Operating force	OF 最大 (Max)	7.84N	7.84N	7.84N	3.92N	3.92N	3.92N	3.92N	1.47N	1.47N	1.47N
回弹力	Release force	RF 最小 (Min)	3.92N	3.92N	3.92N	0.98N	0.98N	0.98N	0.98N	0.49N	0.49N	0.49N
前预行程	Pre-travel	PT 最大 (Max)	1.8mm	1.8mm	1.8mm	20°	20°	20°	20°	30mm	30mm	30mm
触发位置	Tripping position	TP ±10%	2.0mm	2.0mm	2.0mm	22.5°	22.5°	22.5°	22.5°	22.5°	22.5°	22.5°
行程移动分辨率	Movement differential	MD 最大 (Max)	1.2mm	1.2mm	1.2mm	10°	10°	10°	10°	14°	14°	14°
触后行程	Over travel	OT 最小 (Min)	4.0mm	4.0mm	4.0mm	75°	75°	75°	75°	20mm	20mm	20mm
累积总行程	Total travel	TT 最小 (Min)	5.8mm	5.8mm	5.8mm	95°	95°	95°	95°	50mm	50mm	50mm
摇臂转换分角度	Rotary indexing					22.5°	22.5°	22.5°	22.5°			

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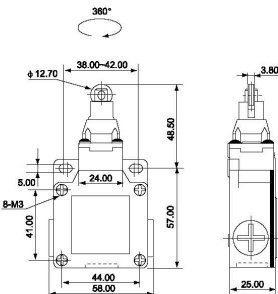


外观和尺寸 Appearance and Dimension

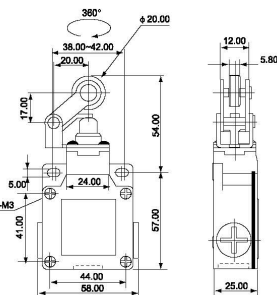
TSA-001



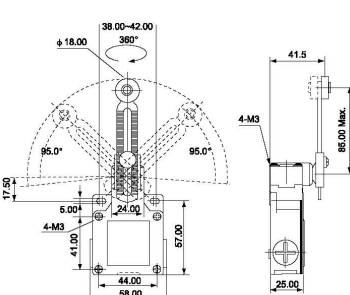
TSA-003



TSA-012

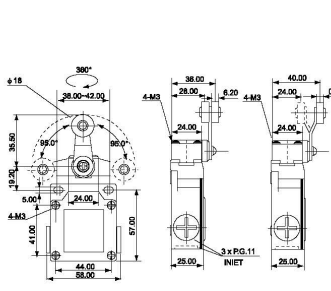


TSA-031



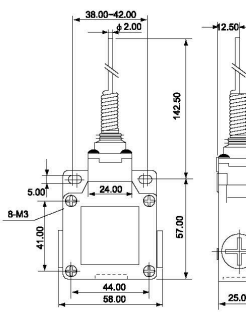
* 可选配塑料滚轮 Optional plastic roller

TSA-021

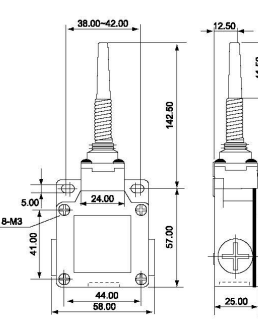


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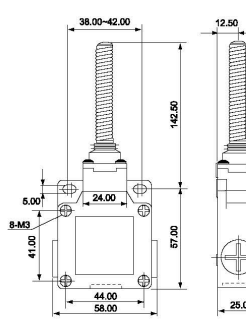
TSA-061



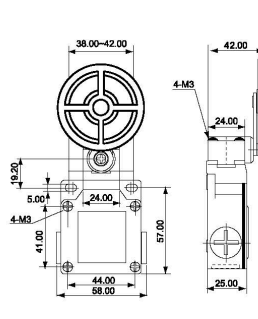
TSA-071



TSA-081



TSA-041



TSA-051

