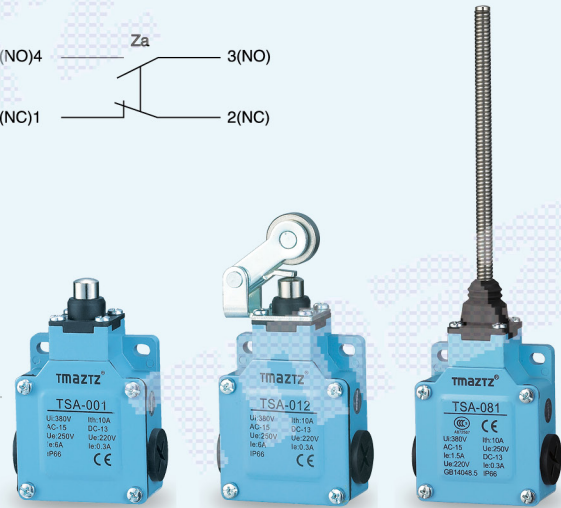
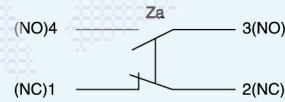


特征 Features

- ◎ 坚硬金属外壳，极大摇臂角度 ±95°
- ◎ 不锈钢滚轮，冲头及弹簧
- ◎ 可选配M18x1.5索头
- ◎ 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



特性 Characteristics

双断开机械功用	Double Break Mechanism	INO+INC Force Break snap action强迫断开快速机芯
额定电压/电流	Rated Voltage / Current	10(4)A, 125, 250VAC / 6(2)A, 380VAC For inductance Load, Cos φ = 0.4
接触电阻	Contact Resistance	25mΩ max. (initial value)
绝缘电阻	Insulation Resistance	100mΩ min. (at 500VDC)
电介强度	Dielectric Strength	1000VAC, 50/60 Hz for 1 minute between terminals of the same polarity
		1500VAC, 50/60 Hz for 1 minute between current-carrying and non-current-carrying metal parts
		1500VAC, 50/60 Hz for 1 minute between each terminal and ground
电气寿命	Electrical Life	500,000 at 10A 250VAC Resistive
机械寿命	Mechanical Life	10, 000, 000 operations min. (under rated conditions)
操作速度	Operating Speed	5mm/s to 0.5m/s
防水防尘能力	Degree of Protection	IP66(防压力水柱级)
上升温度	Ambient Temperature Rised	Max 30°C over ambient temperature at rated voltage/current
合乎标准	Conformed Standards	Cenelec EN 50041, EN 50047, IEC 337-1, VDE 0660
操作温度	Operating Temperature	-5°C~+65°C (with no icing)
保存温度	Storage Temperature	-5°C~+65°C (with no icing)
湿度	Ambient Operating Humidity	95% RH Max.
冲击系数	Shock Resistance	Mechanical durable: 1000m/s ² min.
		Malfunction: 300m/s ² min.
振动频率	Vibration Frequency	Malfunction: 10 to 55Hz, 1.5mm double amplitude
端子螺丝扭力	Terminal Screw Torsional Force	6-8 kgf-cm
其他螺丝扭力	Other Screw Torsional Force	Cover 12-14 kgf-cm/Head 8-9 kgf-cm/Mounting 50-60 kgf-cm
裸铜线尺寸	Bare Wire Diameter	φ 2 Max
电缆尺寸	Cable Diameter	φ 12 Max(IP 65 if use cable φ 8-9)

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
摇臂转换角度	Rotary indexing					22.5°	22.5°	22.5°	22.5°			

外观和尺寸 Appearance and Dimension

