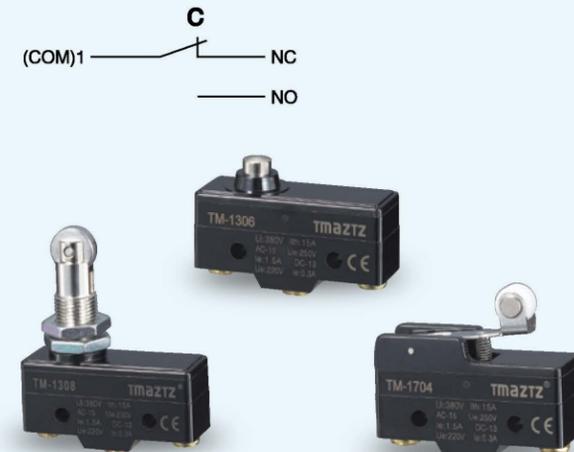


特征 Features

- ◎ 断路容量达 15A，且精度高。
- ◎ 根据用途不同，还有基本型、焊接端子型
- ◎ 标准型中还有微小负载用系列。
- ◎ 备有保护端子部位的安全，且具有防滴功能的防滴端子保护盖和塑封端子型。
- ◎ A large switching capacity of 15 A with high repeat accuracy.
- ◎ Basic and solder terminal type for selection.
- ◎ A series of standard models for micro loads is available.
- ◎ A series of molded terminal-type models incorporating safety terminal protective cover is available.

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) | | | | 突入 电流 (A) Inrush Current | |
|-----------------------|---------------------------------|-----|-------------------|------|-----------------------------|------|--------------------|------------------|--------------------------------|----|
| | 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 |
| 125VAC | 15 | 3 | 1.5 | 15 | 5 | 2.5 | 30 以下 max. | 15 以下 max. | | |
| 250VAC | 15 | 2.5 | 1.25 | 15 | 3 | 1.5 | | | | |
| 500VAC | 3 | 1.5 | 0.75 | 2.5 | 1.5 | 0.75 | | | | |
| 8VDC | 15 | 3 | 1.5 | 15 | 5 | 2.5 | 30 以下 max. | 15 以下 max. | NC | NO |
| 14VDC | 15 | 3 | 1.5 | 10 | 5 | 2.5 | | | | |
| 30VDC | 6(2) | 3 | 1.5 | 5 | 5 | 2.5 | | | | |
| 125VDC | 0.4 | 0.4 | 0.4 | 0.05 | 0.05 | 0.05 | | | | |
| 250VDC | 0.2 | 0.2 | 0.2 | 0.03 | 0.03 | 0.03 | | | | |

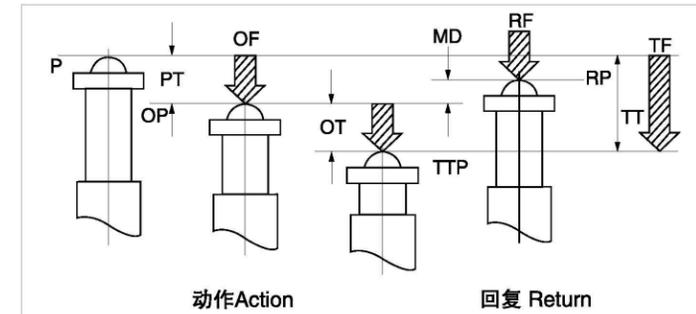
特性 Characteristics

| | |
|-------------------------------|--|
| 操作速度 Operation speed | 0.01mm 至 1m/sec 0.01mm-1m/sec |
| 动作频率 Operating frequency | 电气: 20 次 / 分 Electrical: 20 operations/min. |
| 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 min. (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 | 1.5mm 双振幅误动作耐久: 10 至 55Hz 10-55Hz, 1.5mm double amplitude |
| 冲击 Shock | 机械耐久: 1,000m/Sec ² (约 100G ² S) 误动作耐久: 300m/Sec ² (约 30G ² S) Mechanical durable: 1,000m/Sec ² (about 100G ² S) Malfunction: 300m/Sec ² (about 30G ² S) |
| 周围温度 Ambient temperature | -15°C 至 +80°C -15°C to +80°C |
| 湿度 Humidity | 泛用型: 35%~85%RH 以上 密封型: 35%~95%RH General purpose type: 35%~85% RH max., Sealed type: 35%~95% RH max. |
| 重量 Weight | 约 22 至 58g About 22 to 58g |
| 电气寿命 Electrical life | 500000 次以上 Above 500000 |

动作特性 Operating Characteristics

| 动作特性 | 型号 Model | TM-1300 | TM-1301 | TM-1303 | TM-1305 | TM-1306 | TM-1307 | 1308,1309 | TM-1701 | TM-1702 | TM-1703 | TM-1704 | TM-1705 | TM-1724 | TM-1743 |
|------|-------------|------------|------------|------------|----------|------------|------------|-----------|----------|----------|------------|------------|---------|------------|------------|
| 动作力 | OF 最大 (Max) | 245~343N | 1.38N | 1.38N | 245~343N | 245~343N | 245~343N | 245~343N | 0.69N | 1.57N | 1.27N | 1.57N | 58.8mN | 58.8mN | 1.67N |
| 回复力 | RF 最小 (Min) | 1.12N | 0.14N | 0.14N | 1.12N | 1.12N | 1.12N | 1.12N | 0.14N | 0.27N | 0.21N | 0.41N | 4.90mN | 4.90mN | 0.41N |
| 预行程 | PT 最大 (Max) | 0.4mm | 1.6mm | 1.6mm | 0.4mm | 0.4mm | 0.4mm | 0.4mm | 5.6mm | 2mm | 4mm | 2.4mm | 8.3mm | 19.8mm | 2.4mm |
| 过行程 | OT 最小 (Min) | 0.13mm | 1.3mm | 1.3mm | 1.6mm | 1.6mm | 5.5mm | 3.58mm | 1.27mm | 1mm | 1.6mm | 0.5mm | 5.6mm | 10mm | 0.51mm |
| 应差距离 | MD 最大 (Max) | 0.05mm | 20.6mm | 31.8mm | 0.05mm | 0.05mm | 0.05mm | 0.05mm | 28.2mm | 24.8mm | 36.5mm | 32.5mm | 0.65mm | 2mm | 47.5mm |
| 动作位置 | OP | 15.9±0.4mm | 17.4±0.8mm | 28.6±0.8mm | 28±0.8mm | 21.5±0.5mm | 21.8±0.8mm | 33±1mm | 19±0.8mm | 19±0.8mm | 30.2±0.8mm | 30.2±0.4mm | 19±1mm | 19.8±1.6mm | 41.3±0.8mm |

动作特性 Operating Characteristics



| | | |
|-----|----------|-----------------------|
| OF | 动作所需之力 | Operating Force |
| RF | 回复力 | Releasing Force |
| TF | 整个移动所需之力 | Total Force |
| FP | 自由位置 | Free Position |
| OP | 动作位置 | Operating Position |
| RP | 回复位置 | Releasing Position |
| TTP | 整个移动之位置 | Total Travel Position |
| PT | 至动作为止之移 | Pretravel |
| OT | 动作后之移动 | Overtravel |
| MD | 距差 | Movement Differential |
| TT | 整个移动 | Total Travel |

外观和尺寸 Appearance and Dimension

TM-1701

* 可选配金属滚轮 Optional metal roller

TM-1702

* 可选配金属滚轮 Optional metal roller

TM-1703

* 可选配塑料滚轮 Optional plastic roller

TM-1704

* 可选配金属滚轮 Optional metal roller

TM-1743

* 可选配塑料滚轮 Optional plastic roller

TM-1705

* 可选配金属滚轮 Optional metal roller

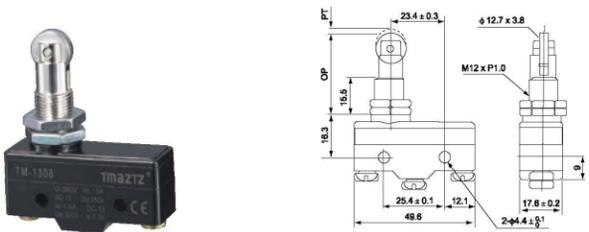
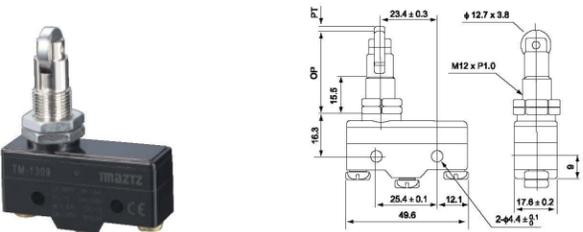
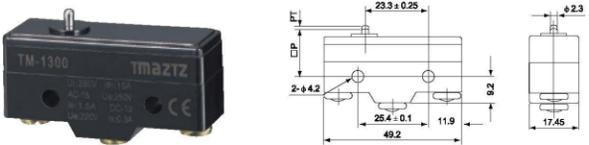
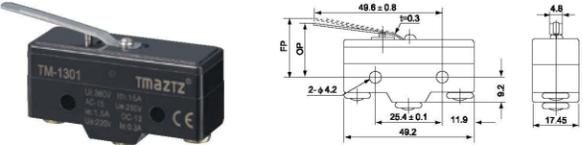
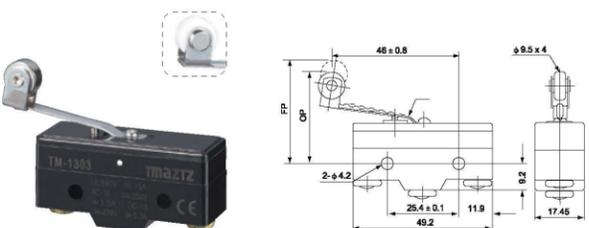
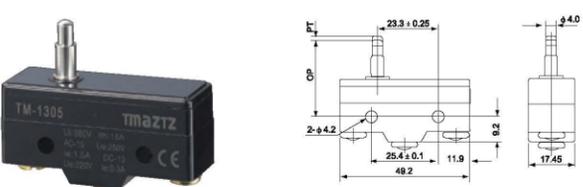
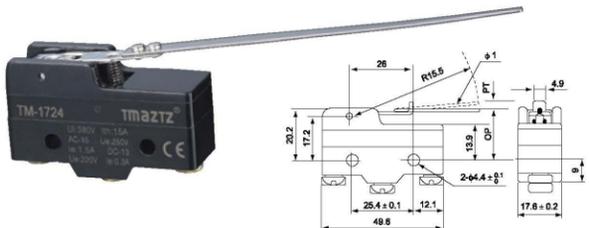
TM-1306

* 可选配金属滚轮 Optional metal roller

TM-1307

* 可选配金属滚轮 Optional metal roller

外观和尺寸 Appearance and Dimension

| | |
|--|--|
| <p>TM-1308</p>  | <p>TM-1309</p>  |
| <p>TM-1300</p>  | <p>TM-1301</p>  |
| <p>TM-1303</p>  <p>* 可选配塑料滚轮 Optional plastic roller</p> | <p>TM-1305</p>  |
| <p>TM-1724</p>  | <p>TAP-Y TAP-S</p>  |

浮球开关 / 控制器 LPF-70AB 型 Float Switch/Controller LPF-70AB Type