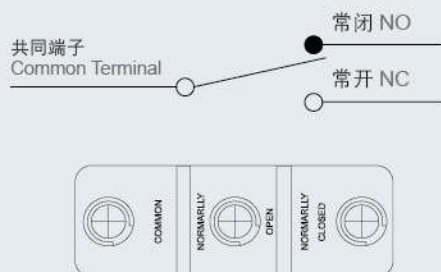




特点 Features

- 工程塑胶壳体，强度更高
 - 引动器种类广泛，其中包含动作位置可调整的款式（如 CM1701N）
 - 高精度广泛操作速度范围
- Engineering plastics shell for resistant construction
 - Various actuators and some with adjustable operating position (such as CM1701N)
 - High accuracy wide range of operation speed

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) | | | | 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 | NC | NO | NC | NO | NC | NO | | |
| 125VAC | 15 | 3 | 1.5 | 15 | 5 | 2.5 | | | | |
| 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 | 15 |
| 14VDC | 15 | 3 | 1.5 | 10 | 5 | 2.5 | | | 以下 | 以下 |
| 30VDC | 6(2) | 3 | 1.5 | 5 | 5 | 2.5 | | | max. | max. |
| 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 | | | | |

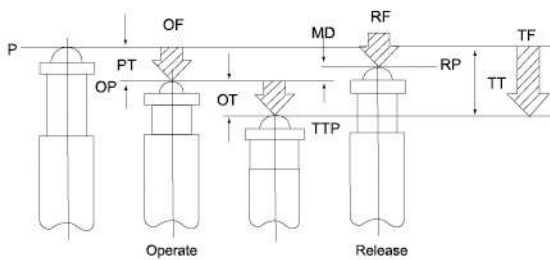
规格 Specifications

| | |
|-------------------------------|--|
| 操作速度 Operation speed | 0.05mm 至 1m/s (柱塞型 Plunger type) 0.05mm-1m/s |
| 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 |
| | 端子与接地之间 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 20Hz): 1.5mm 变振幅误动作耐久 : 10 至 55Hz (*10 to 20Hz): 1.5 Vibration amplitude action duration: 10 to 55Hz |
| 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: -20~+70°C (没有结冰) Using: -20~+70°C (With no icing) |
| 湿度 Humidity | 泛用型 : 85%RH 以上 密封型 : 95%RH General purpose type: 85% RH max., Sealed type: 95% RH max. |
| 电气寿命 Electrical life | 500,000 次以上 500,000 operations above |
| 重量 Weight | 约 22 至 58g About 22 to 58g |

CM-□N 卧式限位开关 Horizontal Limit Switch

动作特性 Operating Characteristics

| 型式 Models | CM1300N | CM1301N | CM1303N CM1303NM | CM1305N | CM1306N | CM1307N | CM1308N CM1308XN | CM1309N | CM1701N CM1706N | CM1702N | CM1703N CM1703NM | CM1704N CM1704NM | CM1705N | CM1743N CM1743NM | |
|--------------|------------|------------|---------------------|------------|------------|---------|---------------------|------------|--------------------|----------|---------------------|---------------------|------------|---------------------|------------|
| OF 最大 (Max.) | 350g | 300g | 300g | 350g | 350g | 350g | 350g | 350g | 70g | 160g | 100g | 160g | 10g | 160g | |
| RF 最小 (Min.) | 114g | 50g | 50g | 114g | 114g | 114g | 114g | 114g | 14g | 28g | 22g | 42g | 3g | 42g | |
| PT 最大 (Max.) | 0.4mm | 4mm | 4mm | 0.4mm | 0.4mm | 0.4mm | 0.4mm | 0.4mm | 10mm | 5mm | 7.1mm | 2.7mm | 20mm | 2.7mm | |
| OT 最小 (Min.) | 0.13mm | 1.6mm | 1.6mm | 1.6mm | 1.6mm | 5.5mm | 3.58mm | 3.58mm | 5.6mm | 2mm | 4mm | 2.4mm | 5.6mm | 2.4mm | |
| MD 最大 (Max.) | 0.05mm | 1.3mm | 1.3mm | 0.05mm | 0.05mm | 0.05mm | 0.05mm | 0.05mm | 1.27mm | 1mm | 1.02mm | 0.5mm | 3mm | 0.5mm | |
| FP 最大 (Max.) | | 20.6mm | 31.8mm | | | | | | 28.2mm | 24.8mm | 36.5mm | 32.5mm | | 43.6mm | |
| OP(mm) | 15.9 ± 0.4 | 17.4 ± 0.8 | 28.6 ± 0.8 | 28.2 ± 0.5 | 21.5 ± 0.5 | 21.8 | 0.8 | 33.4 ± 1.2 | 33.4 ± 1.2 | 19 ± 0.8 | 19 ± 0.4 | 30.2 ± 0.8 | 30.2 ± 0.4 | 19 ± 0.8 | 43.1 ± 0.8 |

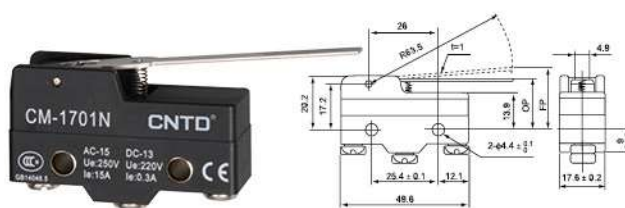


OF: 动作力
RF: 回复力
TF: 总行程动作力
FP: 自由位置
OP: 动作位置
RP: 返回位置
TTP: 总行程位置
PT: 预行程位置
OT: 过行程
MD: 响应差的行程
TT: 总行程

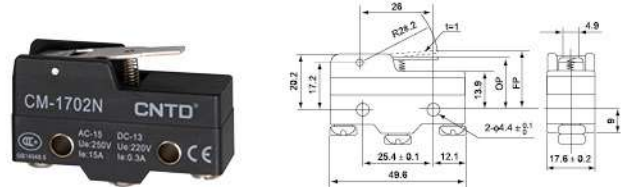
OF: Operating Force
RF: Releasing Force
TF: Total Force
FP: Free Position
OP: Operating Position
RP: Releasing Position
TTP: Total Tavel Position
PT: Pre Travel
OT: Over Travel
MD: Movement Differential
TT: Total Tavel

外观和尺寸 Appearance and Dimension

CM-1701N



CM-1702N



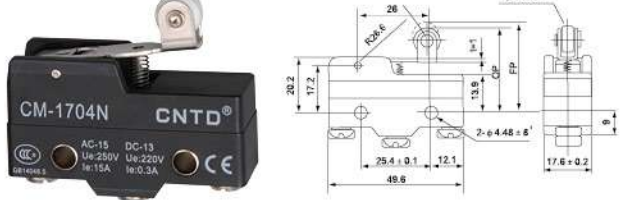
CM-1703N



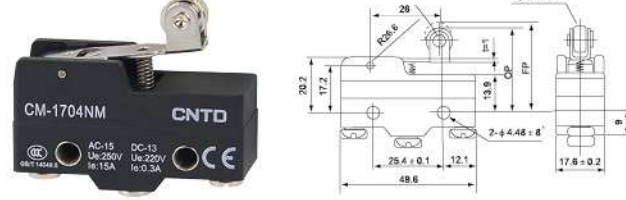
CM-1703NM



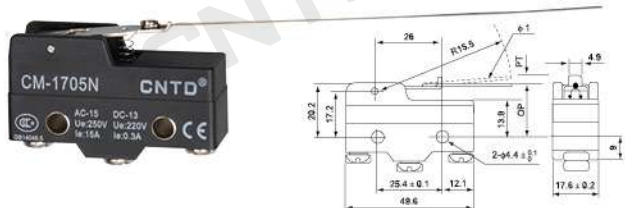
CM-1704N



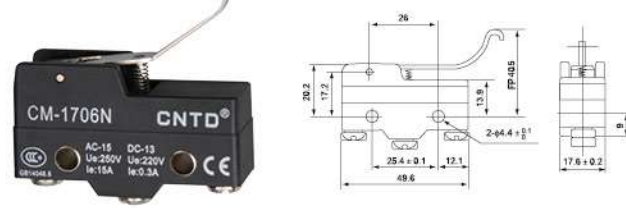
CM-1704NM



CM-1705N



CM-1706N



外观和尺寸 Appearance and Dimension

