

KW11微动开关系列 Micro switch series

◆ 特点和用途 Characteristics and usage

- 采用组合式设计,通过连接柱和连接孔的插接定位配合能够将两个(或多个)微动开关并排连接固定在一起。
Adopting a combination structure design, two (or more) Micro switches can be connected and fixed together side by side through the insertion and positioning coordination of connecting columns and connecting holes.
- 配备各种形式动臂
A variety of levers
- 可在汽车、家用电器等有耐环境性要求的场合使用。
Can be used in environmental resistant requirements applications such as automobile, home appliances etc.

◆ 技術特性 Technical Characteristics

| 項目 Item | | 特性值 Value |
|----------------------------|--|---|
| 工作速度Operating speed | | 1mm~500mm/s(與驅動方式有關) (Related with actuator forms) |
| 工作頻率Operating frequency | | 機械60次/min;電氣25次/min Mechanical 60 cycles/min; Electrical 25cycles/min |
| 絕緣電阻 Insulation resistance | | ≥100MΩ (500VDC) |
| 接觸電阻 Contact resistance | | ≤50mΩ |
| 工頻耐電壓 Test voltage | 不相接端子間 Between non-continuous terminals | AC1000V,50/60Hz, 1min |
| | 端子與不帶電金屬件之間 端子與地(外殼)之間 Between each terminal and other exposed metal parts Between each terminal and ground | AC1000V,50/60Hz, 1min |
| 抗振動Vibration resistance | | 10~55Hz, 总振幅1.5 Total amplitude |
| 抗冲击Shock resistance | | 故障.: 300m/s ² (約30G)max Malfunction: 300m/s ² (approx.30G)max |
| 壽命 Life | | 機械≥1,000,000次 Mechanical ≥1,000,000 cycles 電氣≥10,000次 Electrical ≥10,000 cycles |

◆ 型號規格命名及含義 Model number legend and meanings

KW11-□□□□□□-(□)
1 2 3 4 5 6 7

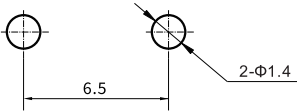
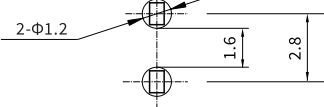
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|-----------------------------|---|--------------------------------------|--|
| 1 额定值 Ratings | 无标记 Unmarked: 3(0.5)A 125/250VAC, 3(1)A 125/250VAC, 3GPA 125/250VAC, 3RA 125/250VAC, 3A 30VDC C: 1A 125VAC, 1(0.5)A 125/250VAC, 1GPA 125/250VAC, 1RA 125/250VAC, 1A 30VDC F: 0.1A 125VAC, 0.1(0.05)A 125/250VAC, 0.1GPA 125/250VAC, 0.1RA 125/250VAC, 0.1A 30VDC | 4 端子类型 Terminal type | L: 左向PCB端子 Left side PCB terminal |
| | | 5 动作力 Operating force | 075: 0.75N 150: 1.5N 250: 2.5N 注: 若是非标准动作力, 用此动作力 上限值表示。 Note: if it is not standard operating force, indicate with the upper limit. |
| 2 接触形式 Circuit | T: 常開 (按通) 式 T-SPST-NO D: 常閉 (按斷) 式 D-SPST-NC | 6 多联个数 Multiple connections | 1: 单个开关 Single switch 2: 双联开关 Double switch 3: 三联开关 Triple switch 4: 四联开关 Quadruple switch |
| 3 驱动形式 Actuator forms | 0: 无动臂 No lever 1: 短动臂 Short lever 2: 长动臂 Long lever 3: 中动臂 Middle lever 5: 滚轮动臂 Roller lever 6: 长弧形动臂 long arc lever 8: 短弧形动臂 Short arc lever □: 非标准动臂 Not standard lever 注: □ 表示非标准动臂的代号 Note: □ Indicate not standard lever. | 7 附加规格代号 Additional specs code | 附加规格代号用两位阿拉伯数字表示, 如01、02、03.....用以表示有特殊要求。 Additional specs number shows as 01, 02, 03..... used to express special requirements. |

◆ 接线端尺寸 Terminal dimensions

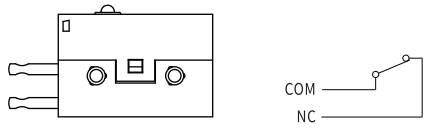
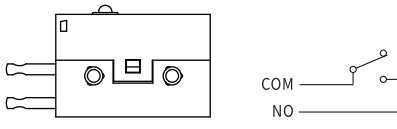
| 单个PCB端子 Single PCB terminal | 双联PCB端子 Double PCB terminal |
|--------------------------------|--------------------------------|
| | |

可以多联PCB端子 Multi-link PCB terminal

◆ 安装孔尺寸 Mounting hole dimensions

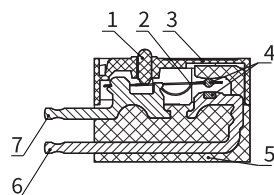
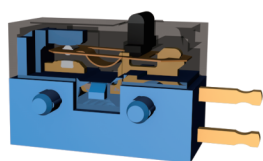
| 安装孔尺寸 Mounting hole dimensions | PCB端子 PCB terminal |
|---|--|
|  |  |

◆ 接觸形式說明圖 Circuit illustration

| 常閉式SPST-NC | 常開式SPST-NO |
|--|---|
|  |  |

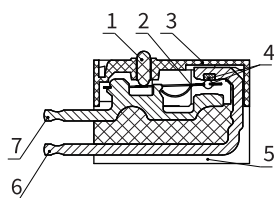
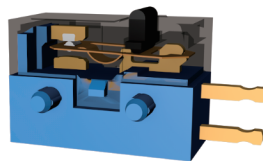
◆ 内部构造图 Internal configuration drawing

常開式SPST-NO



- | | |
|--------|--------------|
| 1、按钮 | Plunger |
| 2、可动片 | Moving piece |
| 3、盖 | Cover |
| 4、电触点 | Contact |
| 5、基座 | Case |
| 6、常开端子 | NO Terminal |
| 7、支架 | Support |

常閉式SPST-NC



- | | |
|--------|--------------|
| 1、按钮 | Plunger |
| 2、可动片 | Moving piece |
| 3、盖 | Cover |
| 4、电触点 | Contact |
| 5、基座 | Case |
| 6、常闭端子 | NC Terminal |
| 7、支架 | Support |

◆ 動作特性operating characteristics

共用KW10所有动臂, 动作特性和KW10一致, 详见KW10动作特性