

# KW-16B 防倾倒开关系列

## Fall-Protective switch series

- 特点**
- 外型美观, 结构紧凑, 具有快速动作和高灵敏度的特点。
  - 长寿命, 高可靠。
  - 接线端子种类齐全;

**Features**

- Tight configuration, small contact gap, snap action
- Long life, high reliability.
- Variety of terminals.
- Variety of levers.

- 工作原理**
- 当主机正常时, 防倾倒开关内的球体在重力的作用下, 落入腔道内压入压片, 而压片则压下微动开关的按键, 防倾倒开关瞬间接通电源或电路。当主机倾斜或跌落时, 防倾倒开关内的球体在其重力作用下随壳体一起倾斜位移, 由于球体的脱落而使压片恢复复位, 微动开关瞬间断开, 达到切断电源或电路之目的。

**Working Principles**

Working principle: AS the main body is standing, Fall-Protective switch's sphere with its gravity is on the lever of switch so that Micro switch can work with load. When the main body is inclining Fall-Protective switch's sphere with its gravity will off the lever of switch and Micro switch can't work without load.

### - 应用

适用于暖风机 | 电风扇 | 空气净化器及电热油汀等家用电器以及其它的电器

### Application

Apply to Electric warmer | Electrical air cleaner fan home appliances electron equipment.



项目   Item		特性值   Value
倾倒保护 Fall-Protect		1, 动作角度:40°-55°, 复位角度: >15°, 误差角度为±5° 40°≤Angle≤55°, action angle difference is ±5° 2, 动作角度:20°-40°, 复位角度: >5°, 误差角度为±5° 20°≤Angle≤40°, action angle difference is ±5°
绝缘电阻 Insulation resistance		≥100MΩ ( 500VDC )
接触电阻 Contact resistance		1, ≤50mΩ (初始值) (Linitial value) 2, ≤10mΩ 触点镀金
耐电压 Test voltage	同极不相接端子间 Between terminals of the same polarity	AC1000V,50/60Hz,1min
	带电金属零件与地(外壳)之间、接线端与不带电金属件之间 Between current-carrying metal parts and ground(case),and between each terminal and non-current-carrying metal parts.	AC2000V,50/60Hz,1min
抗振动 Vibration resistance		10-55Hz, 1.5mm 双振幅 Double amplitude
跌落试验 Skock resistance		从200mm高, 自由跌落在水泥地、石或钢板等坚固的水平面上, 分别作上、下、左、右、前、后各落下一次。 Let switch fall freely from 200mm high into the cement floor or armor plate horizontal. One time, one side (Up, down, left, right, front, back).
寿命 Life expectancy		机械≥100000次; Mechanical≥100000 cycles
		电气 Electrical
		16A 125/250V AC,3E4(CQC,CB,TUV)
		16A 125/250V AC,1E5(UL,CUL)

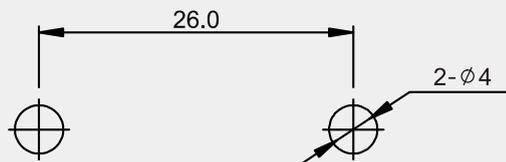
项目   Item	特性值   Value
触点保护级 Degree of protection against electric shock	Class 1
PTI 漏电特性 Tracking resistance	175
使用环境温度 Ambient air temperature	125°C 60%RH 以下(不结冰、无凝露) 125°C 60%RH below(No ice and dew)
使用环境湿度 Ambient air humidity	85%RH 以下(+5-+35°C左右) 85%RH below(+5-+35°C左右)

### - 型号规格命名及含义 | Model specs naming and meanings

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1 2 3 4 5 6

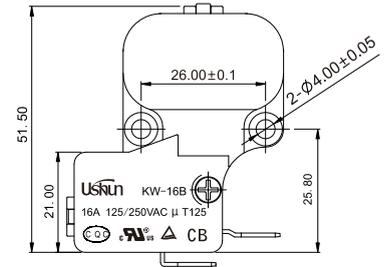
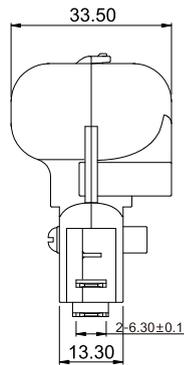
<b>1</b> 类型 Type	无: 吊锤式防倾倒开关 NO: Hung hammer Fall-Protective switch B: 封闭式防倾倒开关 B: Enclosed Fall-Protective switch	<b>4</b> 动作角度 Angle	35: 动作角度 : 20°-40度 20°≤Angle≤40° 45: 动作角度 : 40°-55度 40°≤Angle≤55°
<b>2</b> 接触形式 Connect forms	Z:转换型   SPDT T:常开(按通)型   SPST-NO D:常闭(按断)型   SPST-NC	<b>5</b> 按钮规格 Plunger specs	A: 常规按钮   Conventional plunger D: 电木按钮   Bakelite plunger
<b>3</b> 端子类型 Terminal types	A: 4.8X0.5端子   4.8X0.5 terminal B: 4.8X0.8端子   4.8X0.8 terminal C: 6.3X0.8端子   6.3X0.8 terminal D: 攻牙端子   Tapping terminal E: 非标准端子   Not standard terminal	<b>6</b> 特殊要求 Special Rquirements	无: 银铜复合 NO: Silver copper composite U: 镀金 Gold plated

### - 安装孔尺寸 Mounting hole dimensions

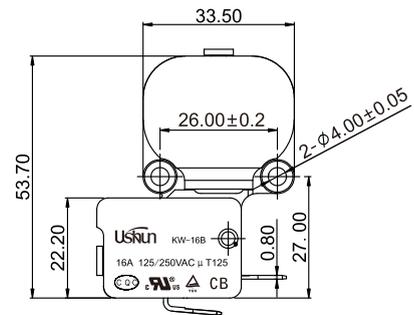
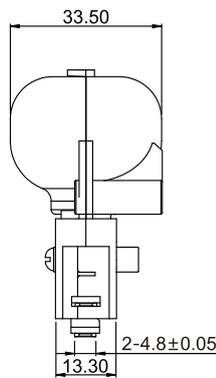


- KW-16B外形尺寸和动作特性 | Dimensions and operating characteristics

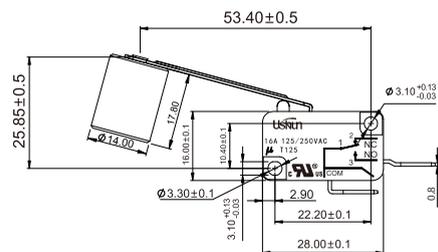
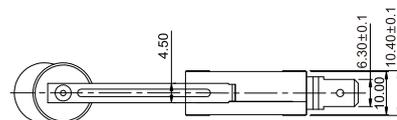
KW-16B-KC45A



KW-16B-KB35A-U



KW-16-KC45A



KW-16-BC35A

