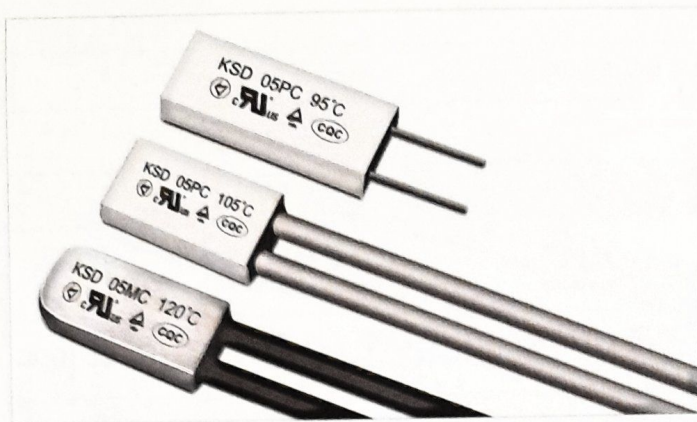
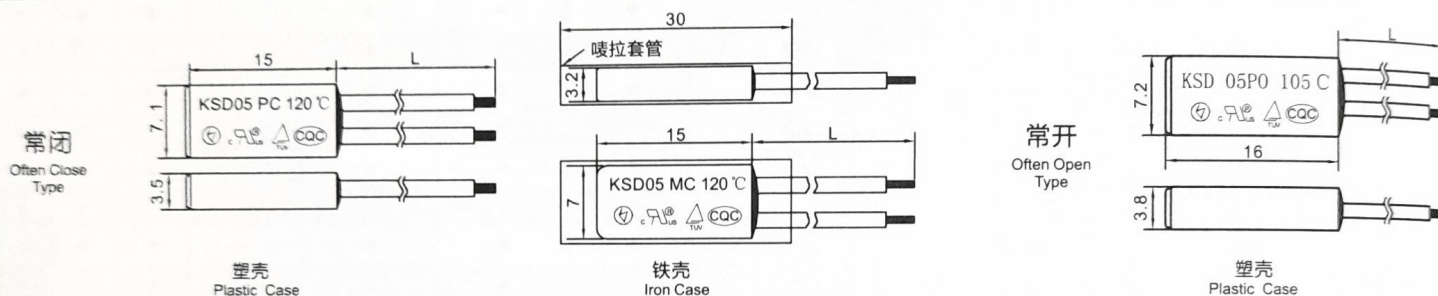




关键特性 KEY FEATURES OF THE PRODUCT

- 体积小，快速动作
Small size, quick action
- PBT外壳，金属外壳，环氧树脂密封
PBT case, metal case, epoxy seal
- 自动复位双金属片
Auto reset bimetallic strip
- 防潮，防尘，防浸漆
Moistureproof, dustproof, anti soaking paint
- 优越的热响应
Superior thermal response
- 按要求定制
Customized according to requirements

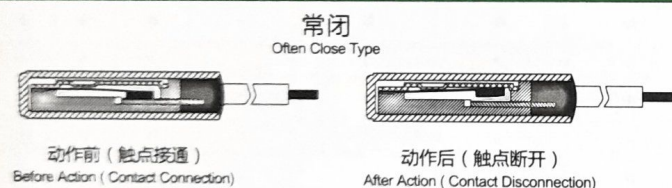
尺寸 DIMENSIONS(MM)



注：电子线的型号规格、颜色、长度，套管的规格、长度，镀锡铜线的长度等可依客户要求定制

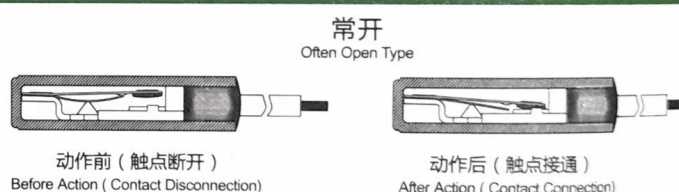
Note: Type specification, color, length, sleeve specification, length of tin-plated copper wire can be customized according to customer requirements

参数表 PARAMETER LIST



温度升高：热量传递到双金属片上，达到动作温度值，触点断开
温度下降：双金属片迅速恢复原状，触点闭合，电路接通

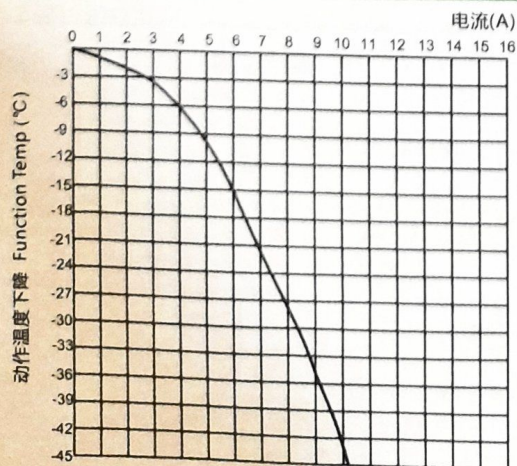
Temperature rise: Heat is transferred to bimetallic strip to reach the operating temperature value, and the contacts are disconnected.
Temperature drop: Bimetallic strip quickly restored to original state, contact closed and circuit connected.



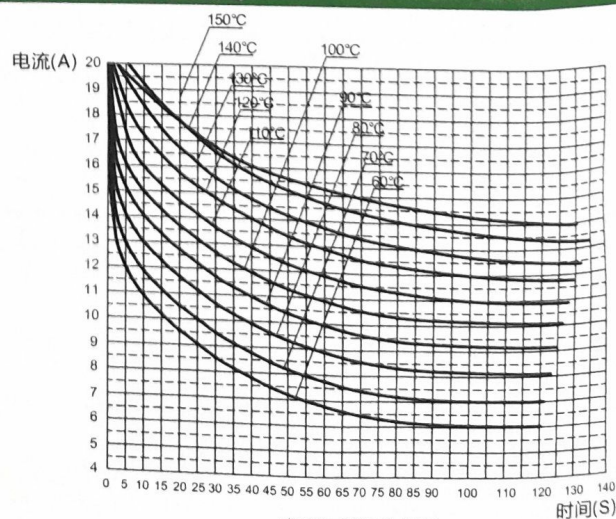
温度升高：热量传递到双金属片上，达到动作温度值，触点接通
温度下降：双金属片迅速恢复原状，触点断开，电路断开

Temperature rise: Temperature rise: heat is transferred to bimetallic strip to reach the action temperature value.
Temperature drop: The bimetallic strip is restored to its original state, the contacts are disconnected, and the circuit is disconnected.

电流-温度下降曲线图 OPERATING TEMP. DROP DUE TO CURRENT



电流与时间曲线图 CURRENT AND TIME CURVE CHART



电流与时间曲线图
Current And Time Curve Chart

参数表 PARAMETER LIST

KSD热保护器系列 KSD THERMAL PROTECTOR SERIES

电气特性
Electric characteristic

AC250V/5A; AC115V/8A; DC24V/10A

接触电阻
Contact resistance

≤50mΩ

温度特性
Temperature characteristic

料号 PN	动作温度(°C) Action temperature	复位温度(°C) Reset temp(°C)	最高使用环境 极限温度 Highest ambient temp	常闭 Often close		常开 Often open		认证 Certification		
				塑壳 Platic case	铁壳 Iron case	塑壳 Platic case	铁壳 Iron case	TUV	UL	CQC
KSD060****	60±5	45±8	110°C	●	●	●	-	●	●	●
KSD065****	65±5	48±10	115°C	●	●	●	-	●	●	●
KSD070****	70±5	50±12	120°C	●	●	●	-	●	●	●
KSD075****	75±5	53±15	125°C	●	●	●	-	●	●	●
KSD080****	80±5	55±15	130°C	●	●	●	-	●	●	●
KSD085****	85±5	60±15	135°C	●	●	●	-	●	●	●
KSD090****	90±5	65±15	140°C	●	●	●	-	●	●	●
KSD095****	95±5	70±15	145°C	●	●	●	-	●	●	●
KSD0100****	100±5	70±15	150°C	●	●	●	-	●	●	●
KSD105****	105±5	75±15	155°C	●	●	●	-	●	●	●
KSD110****	110±5	75±15	160°C	●	●	●	-	●	●	●
KSD115****	115±5	80±15	165°C	●	●	●	-	●	●	●
KSD120****	120±5	85±15	170°C	●	●	●	-	●	●	●
KSD125****	125±5	85±15	175°C	●	●	●	-	●	●	●
KSD130****	130±5	90±15	180°C	●	●	-	-	●	●	●
KSD135****	135±5	95±15	180°C	●	●	-	-	●	●	●
KSD140****	140±5	100±15	180°C	●	●	-	-	●	●	●
KSD145****	145±5	100±15	180°C	●	●	-	-	●	●	●
KSD150****	150±5	105±15	180°C	●	●	-	-	●	●	●

注: (1) 复位温度仅供参考

(1) Reset temp for reference

(2) ● =取得 ○ =未取得

(2) ● =obtained ○ =no obtained

应用 APPLICATION

(1) 电动机保护
Motor Protection

(3) 变压器保护
Transformer Protection

(5) 加热垫温度控制
Heating Pad Temperature Control

(7) LED灯管, 球泡保护
Led Lamp Tube, Bulb Protection

(2) 蓄电池保护
Battery Protection

(4) 充电器保护
Charger Protection

(6) 电源保护
Power Protection

(8) PCB电路板保护
Pcb Circuit Board Protection

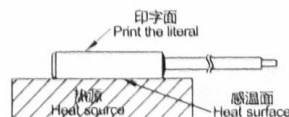
储存及安装注意事项 STORAGE AND INSTALLATION PRECAUTIONS

(1) 产品应在相对湿度小于90%, 环境温度40°C以下通风、洁净、干燥、无腐蚀性气体的场所中存放。

The product should be stored in a ventilated, clean, dry and non-corrosive place with relative humidity less than 90% and ambient temperature below 40 °C.

(2) 保护器应安装于被保护对象温升的敏感点, 其感温面应与被保护部件有效地紧密接触或直接面向被保护区域。

The protector shall be installed at the sensitive point of temperature rise of the protected object, and its temperature sensing surface shall be in close contact with the protected part effectively or directly oriented to the protected area.



(3) 不得使用尖锐的工具对保护器挤压。

No sharp tools should be used to crush the protectors.

(4) 不得用重力捶压保护器。

Do not use gravity to beat the protector.