

# 零件承认书

## Specification sheet

客户名称:

Customer:

零件名称: 温度保险丝

Part name: Thermal cutoff

型 号: BF172

Model No: BF172

规 格: 172°C;10A; 250V

Specification : 172°C;10A; 250V

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Motor Protection Limitor Non-Resettable TF 172C 250V 10A AUPO Thermal Cutoff Fuse  
BF172 With Metal Casing

出厂签章(Signature): 日期(Date): 2012年4月11日

检查 (Check)	核对 (Admit)	承认 (Approved)

承认签章 (Admit signature) :

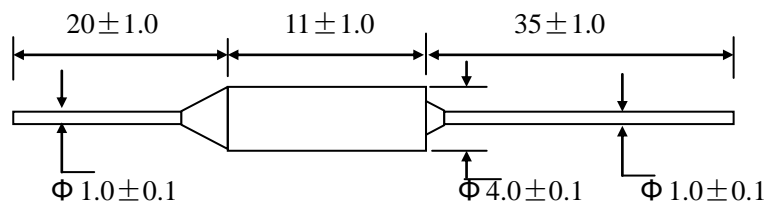
检查 Check)	核对 (Admit)	承认 (Approved)

## 1. 产品介绍(Product introduction)

AUPO 温度保险丝是一种不可复位型热敏保护器件，用于家用电器及工业设备的过热保护，当周围温度升高到某不正常温度时，温度保险丝感受外界温度状态，将电路切断。它的全密封结构确保其熔断系统稳定可靠，不受外界潮湿等恶劣环境影响。它的主要特点是：对外界温度感受灵敏；动作温度准确、稳定；体积小，密封式结构；性能可靠，已获多个国际安全标准认证。

The AUPO thermal cutoff is an unresettable thermal protect instrument. It is used in household appliances and industry instrument for thermal protecting. When an ambient temperature of the thermal cutoff rises to an abnormal temperature, the thermal cutoffs tastes the ambient temperature and open the circuit. Its all-sealed structure insures the stability and reliability, and it is not influenced by ambient humidity and so on. Its main features are: extremely sensitive to ambient temperature; precise and stable functioning temperature; compact, epoxy-sealed structure; reliable, approved by various international safety standards.

## 2. 外观和外形尺寸(Dimensions)



## 3. 型号及主要技术参数(Technical parameters)

型号 Model No	额定动作温度 Tf (°C)	保持温度 Th (°C)	极限温度 Tm (°C)	额定电流 Ir (A)	额定电压 Ur (Vac)
BF172	172	144	189	10	250

## 4. 实测动作温度、耐压、绝缘电阻、扭转

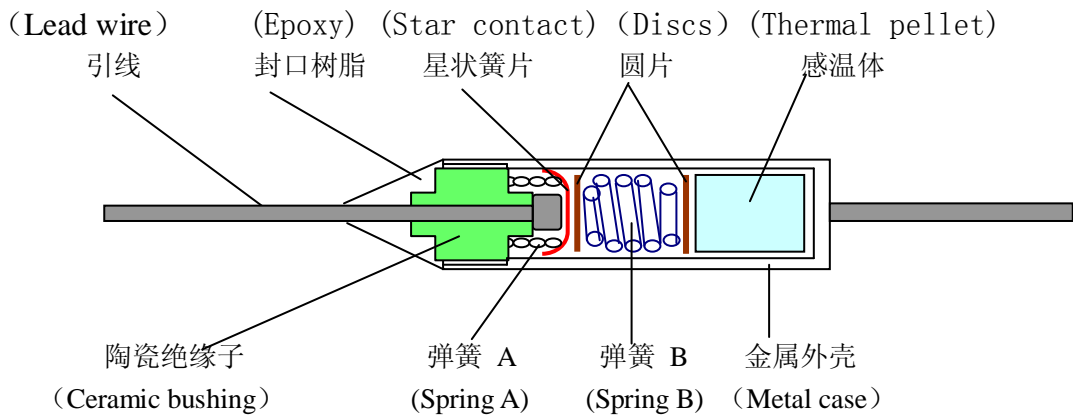
(Fusing-off temperature、Withstand voltage、Insulation resistance、Twist)

型号 Model No	额定动作温度 Tf (°C)	实测动作温度 Fusing-off temperature (°C)	耐压 Withstand voltage ( V )	绝缘电阻 Insulation resistance (MΩ, DC 500V)	扭转 Twist (次)
BF172	172	172+0/-10	500	>0.2	1

## 5. 产品结构说明 (Structural instruction )

结构原理图

Structure diagram



## 6. 参数说明 (Parameter specifies)

\* 额定动作温度 Rated functioning temperature ( $T_f$ )

温度保险丝按安全标准规定方法测试, 改变其导电状态的温度。按基于 IEC60691 的安规标准规定, 温度保险丝必须在上述温度 $+0/-10^{\circ}\text{C}$ 范围内动作。简称  $T_f$ 。

According to the safety standard temperature fuse, to change its method to measure the temperature of the conductive state. Press IEC60691 safety standards based on the above, temperature fuse must temperature  $+0 / - 10^{\circ}\text{C}$  scope action . Abbreviation for  $T_f$ .

\* 实际动作温度 Fusing-off temperature

温度保险丝在硅油池内以每分钟  $0.5 - 1.0^{\circ}\text{C}$  速率升温, 检测电流小于  $10\text{mA}$  条件下所测得的熔断温度。它是温度保险丝的实际动作温度。

In the pool of silicone oil temperature fuse per minute  $0.5 \sim 1.0^{\circ}\text{C}$  temperature, detection rate of  $10\text{mA}$  current conditions are less than temperature measurement of fusing. It is the actual action temperature fuse.

\* 保持温度 Holding temperature ( $T_h$ )

温度保险丝在通过额定电流时, 能保持 168 小时而不会改变其导电状态的最高温度。用  $T_h$  表示。

Temperature fuse in through the rated current, can maintain 168 hours without changing its conductive state's highest temperature. Abbreviation for  $T_h$ .

\* 极限温度 Maximum temperature limit ( $T_m$ )

温度保险丝能承受 10 分钟而不会发生重新接通现象的最高温度。简称为  $T_m$ 。

Temperature fuse can withstand 10 minutes and won't happen to connect the highest temperature phenomenon. Abbreviation for  $T_m$ .

\* 额定电流 Rated current ( $I_r$ )

温度保险丝所能承载的最大电流。

Temperature fuse can carry the maximum current

\* 额定电压 Rated voltage ( $U_r$ )

温度保险丝最高工作电压。

Temperature fuse highest working voltage.

## 7. 安全认证编号 (Safe authentication Numbers)

	UL/CUL	VDE	CCC	PSE	KTL
BF172	E140847	40005418	2003010205052188	JET0749-32001-1012	SU05017-11004

## 8. 环保 (environmental)

(1) 符合 RoHS 环保指令。

Comply with the RoHS environmental directives.

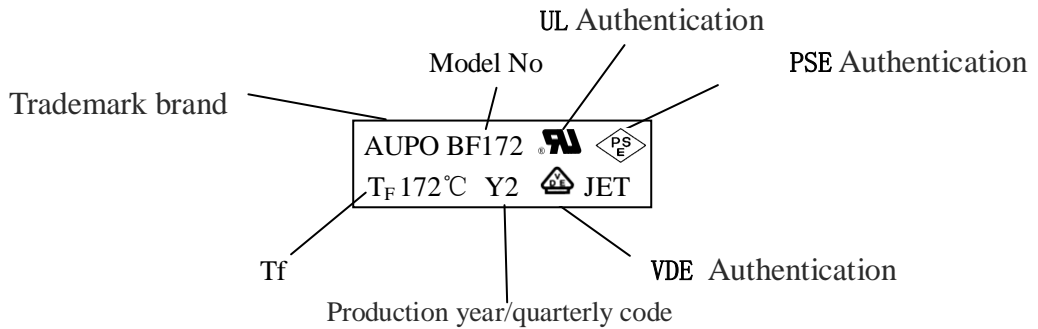
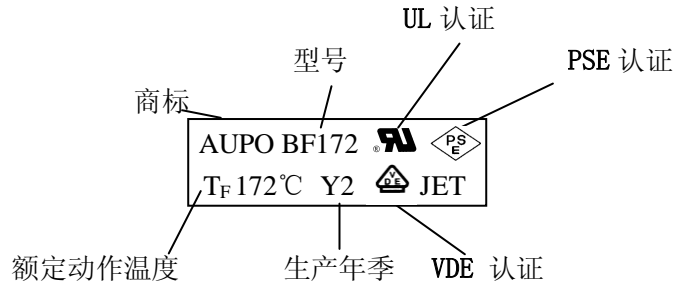
(2) 符合 SONY SS-00259.

Comply with SONY SS - 00259.

(3) 符合 REACH 法规中 SVHC (高关注物质)物质含量的要求.

Comply with the REACH regulation SVHC (high attention substance) material content requirements.

## 9. 印刷标志 (Printing marks)



注: (Note)

年的代表方式 (Years of representative way) :

Y、 Z、 C、 D、 E..... (除 A、 B、 P、 S、 T 外, 按照英文字母顺排)

In addition to A, B, P, S, T outside, according to the English letters along the line

11 年、12 年、13 年、14 年、 15 年..... (按照 D 等于 1 的等差数列排序顺排)

According to the D equals 1 contiguous Numbers along the sorting row

季度的代表方式 (Quarterly representative ways) :

1、 2、 3、 4 代表一年的四季

1, 2, 3, 4 represents a year of four seasons

如: “Y1”、“Y2” 代表 11 年第一、第二季度; “Y1”、“Z1” 代表 11 年、12 年第一季度。

For example: “Y1”、“Y2” Representative 11 years first and second quarter ;

“Y1”、“Z1” Representative for 11 years, 12 in the first quarter.

## 10. 包装 (packaging)

每 100 只产品为一个小包装单位, 每 10 小包产品为一个大包装单位。

A small package includes 100Pcs. A big package includes 10 small packages.

One big package contains 1000pcs of thermal cutoffs (10×100pcs)

## 11. 备注说明 (note)

在你设计应用或安装温度保险丝之前请阅读我司产品目录上的《温度保险丝安装使用注意事项》

Please study the <Thermal cutoff application instruction> on our products catalog before designing or installing AUPO Thermal cutoffs.