

9700K 电加热管热保护器 Heating element protector

9700K电加热管热保护器外壳为密封钢构设计,该产品体积小,动作灵敏,性能可靠,电气容量大,便于安装,是一个被广泛应用的热保护元件。



产品特性

- 具有感应电流及感应温度而动作之双重性能;
- 外壳密封设计,确保内部元件不受浸漆渗漏,适合多种浸漆工艺(如真空浸漆等);
- 精确的动作温度而不会出现动作蠕变现象;
- 可依客户的需求铆接各种规格与长度的线材;
- 每款零件均严格执行ROHS环保标准。

设计原理

9700K型热保护器当电流通过有阻抗的双金属元件,随电流增大或周围温度升高至设定温度值时,双金属元件迅速动作,打开触点,切断电路。当装置冷却到安全工作温度时,触点自动闭合,恢复通电。

9700K型热保护器外壳是导电的,可提供感温绝缘护套。

9700K is a reliable and precise thermal protector with big capacity, small size and sealed steel housing. It can be easily fixed and widely used to electrical heating tube and other many applications.



Dimensional Drawings

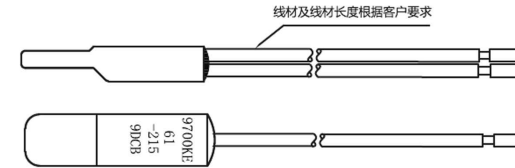
- Has induced current and temperature sensing movement of dual performance;
- Sealed enclosure designed to ensure internal components from dipping leakage, for a variety of dipping process (such as vacuum impregnation, etc.);
- Precise operation of the operating temperature and the creep phenomenon does not occur;
- Riveting to follow a variety of lengths of wire with customer demand;
- Each part ROHS environmental standards are strictly enforced.

Design Principles

he contacts of 9700K will open and cut the circuit when current flows through the inside bimetal and increase the temperature to the specified value. When temp lowered down, the contacts will close.

The housing of 9700K is live. Insulation sleeving should be provided.

尺寸图 Dimensional Drawings



型号 MODELS

9700K

电气规格 Electrical Specifications

- 18A/24V DC
- 13A/250V AC
- 18A/125V AC

应用范围

- 太阳能电加热管、加热器
- 电机、电池类产品
- 电子镇流器、照明灯具
- 过胶机、电动工具、充电器、变压器

温度编码与对照表： Temperature encoding table:

温度编码	动作温度	复位温度
9700K 55	55°C	45°C
9700K 56	60°C	46°C
9700K 952	65°C	49°C
9700K 920	70°C	51°C
9700K 51	75°C	53°C
9700K 91	80°C	55°C
9700K 61	85°C	57°C
9700K 21	90°C	59°C
9700K 31	95°C	62°C
9700K 26	100°C	64°C
9700K 16	105°C	67°C
9700K 36	110°C	70°C
9700K 41	115°C	73°C
9700K 01	120°C	76°C
9700K 81	125°C	79°C
9700K 11	130°C	83°C
9700K 06	135°C	86°C
9700K 66	140°C	90°C
9700K 76	145°C	94°C
9700K 46	150°C	96°C
9700K 155	155°C	101°C
9700K 160	160°C	105°C

Special features

- Solar heaters or heating elements
- Motor and battery
- Electronic ballast and lighting
- Electrical tools, chargers, transformers