



1. According to Standard

- ~~GB/14536 1-2008~~ 1
- IEC60730.10-2008: Automatic electrical for household and similar use ,Part1: General requirements
- ~~GB/14536 10-2008~~
- ~~IEC60730-2-9-2008~~ Automatic electrical controls for household and similar use Particular
- requirements for temperature sensing controls
- EN60730-1 2008+A11
- EN60730-2-9:2008

2. 型号命名 Type Designation



- 1 型号代码: GK9 表示 KSD9700
Type code: GK9-KSD9700
- 2 后缀名称: A 表示大型 B 表示小型 C 表示电流型
Suffix Code: A large-sized B small-sized C current mode
- 3 动作温度: 用数字表示
Operating temperature : indicated number
- 4 接点状态: B 表示常闭 K 表示常开
Contacts status: B-normal closed K-normal open
- 5 额定电流: 用数字表示
Rated current: indicated number
- 6 外型代码: M 表示金属 P 表示塑料
Shell material: M-metal P-plastic
- 7 线长: 用数字表示
Length of the lead: indicated by number
- 8 线型代码: 用字母表示
Lead code: indicate with letter
- 9 认证代码: 用字母表示, 没有不表示
Certification code: indicate with letter



3 Electric Performance

- (Rated Voltage): AC250V /AC125V 50~60Hz
- (Rated Current): 10A~15A of Resistive Load
- Switch Type and Number of poles : 1 pole opener
- **IP-** Protection Degree : IP00
- Action Type 3C
- (Approved Symbol) CQC VDE UL
- Operation Cycles : CQC UL VDE, 10,000
- **PTI** (Insulation material PTI value):175V
- **Resistance of Contact 50m (Original State)**
- Resistance of Insulated 100M DC500V Normality
- (Test Voltage): 1500V/0.25mA/1min(Normality)

4 Marking

- **GOLDEN , 250V/125V**
KSD301

On the thermostat, our trade mark GOLDEN ; voltage rating 250V/125V A (necessary) ; approved symbol (necessary) and item No. D(01 should be marked) indicating temperature should be on the main part of the thermostat or on the part that cannot be torn off and the mark should be clear and durable.

5 Type test

- **5.1 150 -20 30 5**

Thermal shock test: The product can be alternately placed in the environment of 150 °C and -20 °C for 30 minutes each, 5 cycles in total

- **5.2 1.5mm 10-55Hz 3-5**
X, Y, Z, 2

Vibration test: The product can withstand the sinusoidal wave vibration at the amplitude of 1.5 mm and the frequency of 10-55Hz, the swept frequency conversion time is 3 to 5 minutes and the vibration directions are x, y and z, vibrating 2 hours continuous

- **5.3 700M 1**
Drop test, the product falls from the height of 700mm to the floor. /V floor on the

5.1 5.2 5.3 :

After the test specified in Item 5.1、5.2、5.3, the following conditions shall be met:

- **+/-7**

The changes of action temperature are within +/-7 °C of the initial value;

- **50m**
The contact resistance shall be below 50 mΩ
- ;
There is no obvious deformation in the appearance
- There is no cracking or deformation in the conducting wire