

Bimetal Temperature Control Switch Thermostat 90C degree NC KSD9700 250V 5A 300 Pcs.



Item specifics

Max. Voltage: 250V
Max. Current: 5A
Model Number: KSD9700
Length :: Appr.70-80mm
Voltage : 250V
current: 5A

- 250V, 5A, Active temperature :90+/-5C, Reset temperature:70+/-10C

- Length : Appr.70-80mm

Structure and application:

KSD9700 series product is a kind of thermostat which adopt the bimetal disc as the temperature sensing element. The bimetal disc is in free state and the contacts are closed when the electrical appliance is working in normal condition. When the ambient temperature raises to the preset operating temperature, the contacts open as the bimetal disc deforms to jump when being heated, then the circuit is cut off to control the temperature .Then the contacts will close automatically to cut on the circuit when the electrical appliance is cooled down to the reset temperature. This product is widely used in home appliance's motor and electrical equipment, such as air conditioner motor, transformer, thermal appliances, etc.

Precautions:

1. Please keep the cap firm with the installation surface of the controlled appliance when install. Please wipe conduction silicon grease to the sensing surface in order to insure effect of the temperature sensing.
2. Never collapse or deform the plastic or metal shell during installation in order to avoid any influence to its performance.
3. In order to avoid the creepage and insure security while using, do not throw away or crush the insulating sleeve when install the thermostat with metal shell.
4. For products used in circuit at no more than 5A current, please choose the lead with cross-section surface of copper core falls within 0.4-0.75mm for connection.
5. Keep the product in clean dry warehouse at good ventilation and free of corrosive gas and with relative humidity less than 90% and ambient temperature under 40.

Other degree specification for your choice: 50C--100C is common in the retail market

Code	Action Tem	Reset Tem	Code	Action Tem	Re-set Tem
45	45+/-5C	≥30C	105	105+/-5	70+/-12
50	50+/-5C	≥30C	110	110+/-5	75+/-12
55	55+/-5C	≥30C	115	115+/-5	80+/-12
60	60+/-5C	40+/-10C	120	120+/-5	85+/-12
65	65+/-5C	45+/-10C	125	125+/-5	90+/-12
70	70+/-5C	50+/-10C	130	130+/-5	95+/-12
75	75+/-5C	55+/-10C	135	135+/-5	100+/-12
80	80+/-5C	60+/-10C	140	140+/-5	105+/-12
85	85+/-5C	65+/-10C	145	145+/-5	110+/-12
90	90+/-5C	70+/-10C	150	150+/-5	115+/-12
95	95+/-5C	75+/-10C	155	155+/-5	120+/-12
100	100+/-5C	80+/-10C	160	160+/-5	125+/-12