
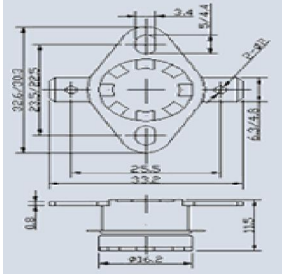


# Specification of KSD301 Thermostat Device

|                              |  |
|------------------------------|--|
| Cosmetic                     |                  |
| Demension                    |                   |
| Electrical Characteristic:   |  |
| Rated Electric property      | AC125/250V - - 10A (resistive load)  |
| Circuit Control Method       | Normal Close/ Normal Open (automatic reset)  |
| Operating Temperature        | 45 ~ 240 (customization)   |
| Break-off Temperature Range  | ±1.5 、 ±2 、 ±3 、 ±5  |
| Break Temperature Difference | 8 ~ 150 (customization)  |
| Reset Temperature Tolerance  | ±5 、 ±10   |
| Useful life                  | 40000 times (automatic reset)  |
| Normalcy Electric Strength   | AC 50Hz/2000V for 1 min without breakdown and flashover  |
| The insulation Resistance    | 100M ( DC500V megger )   |
| Contact Internal Resistance  | 50m  |
| Thermal Resistance           | Operating Temperature 150 / Install Surface Temperature 160  |
| Application                  | Temperature Control or Over Heat Protection for Household Appliances and Electronic Element Device |

## Attention:

1. Customer must choose the correct model number according to the specification of their products.
2. When the thermostat using the contact feeling temperature, the metal cover must be appress the surface of the controlled appliance, and wipe the thermal silicon grease on the surface of the metal cover.
3. When assembly, please avoid crush or change the cosmetic, so as not to affect the function temperature or other performance.
4. Please don't bending the binding post during usage, to avoid affect the electric reliability.
5. Terminal must be get in contact well.
6. Do not allow any liquid inside the thermostat in any case, the case must be keep clean to avoid pollute by conducting medium, in order to avoid reduce the insulation property and short circuit.
7. Hand-reset products must be reset after the temperature reduced at least 20°C, do not reset strong (less than 30N) to avoid damage the inside mechanism.
8. Operating temperature: Relative humidity: 90%, do not contact with corrosiveness, flammability medium.
9. The case must be contact with the line which is grounding to the earth of the equipment.