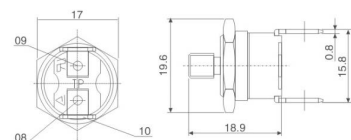


TECHNICAL DATA SHEET**Operation Principle**

The product is a **double-sheet metal temperature-sensing controller**. In a normal state, the pair of metal sheets is kept in a closed or disconnected state by the fixture. When the electric appliance is operating, the temperature will rise. When the temperature reaches the set operating temperature, the pair of metal sheets will generate internal stress and move rapidly to open/close the contact, switching off/on the circuit. This plays a role in temperature control. When the electric appliance is cooled down to the reset temperature, the contacts will automatically close/open and return to normal working conditions.

**Direction for Use**

This product is suitable for **Inuction melting furnace** and **induction heating furnace**.

Technical Parameters

Parameter	Specification
Rated Voltage/Current	AC125V/250V: 15A/10A
Operating Voltage/Current	AC250V/10A, AC125V/16A
Open Temp.	-30°C to 300°C (According to Request of Customers)
Open Temp. Tolerance	±3°C;
Tolerance of Open Temp.	±3°C;
Difference between Open and Close Temp.	-10°C to -280°C
Difference Tolerance	±3°C;
Tolerance of Close Temp.	±3C;
Dielectric Strength	AC1500V for 1 minute; no flashover or breakdown
Insulation Resistance	≥5MΩ (at DC 500V)
Contact Resistance	≤50mΩ
Heat-Resistant Piece	PF 180°C
Service Life	100,000 times