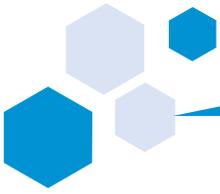


Thermal Protector

Our products completely replace SENSATE(USA),
OTTER(U.K),THERMIK(GERMANY),SEK(KOREA)
and other competitors



Household
appliances



Heating
protection



Industrial
motor



HVAC&R systems



Automobile



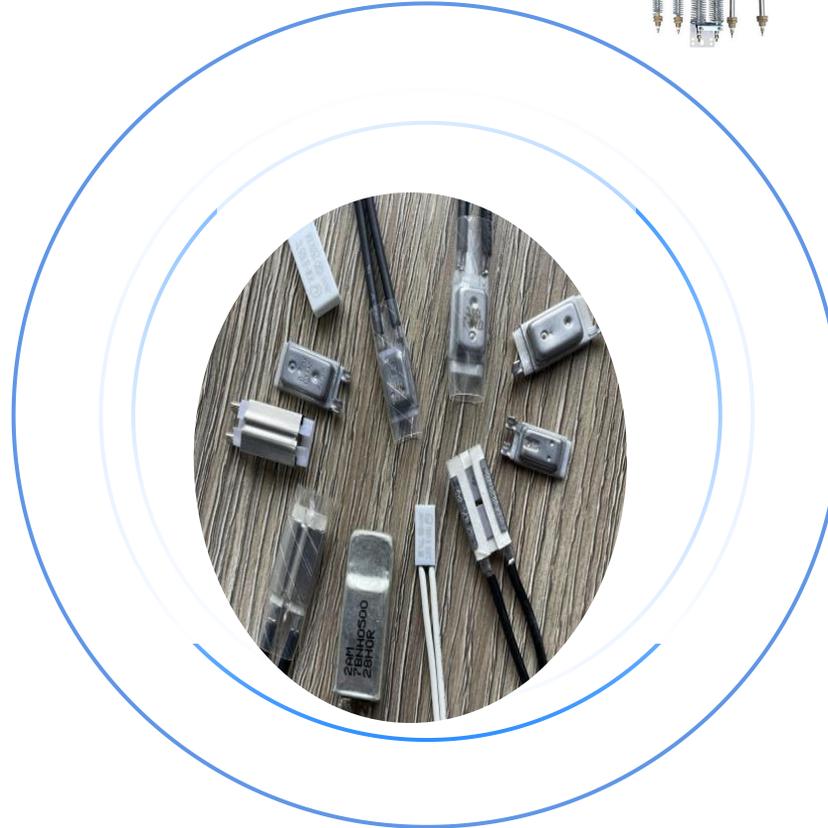
Electric tools



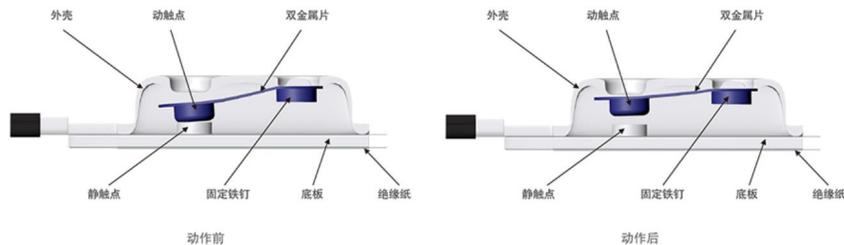
New energy



Luminaire
lighting



Product Introduction -17AM Series



The 17AM series temperature controller is a temperature-sensing and current-sensitive resettable temperature controller. When the ambient temperature reaches its set operating temperature, the bimetallic strip jumps, and the moving contact on the bimetallic strip disconnects from the static contact on the base plate, thereby breaking the circuit and providing over-temperature protection.

Product advantages:

- Stable performance and high reliability
- 100% temperature calibration, accurate temperature sensing
- The product has a wide temperature range of 50 to 180°C
- Fully certified



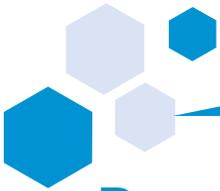
Strong versatility



Rich configuration

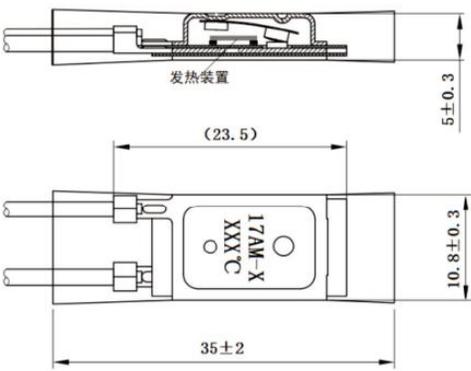


Wide applications

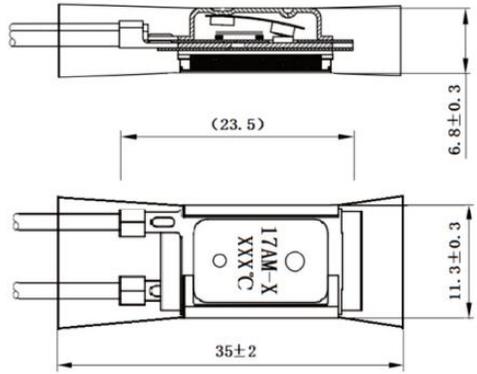


Product Introduction -17AM+ Heating Wire Series

The 17AM-X heating wire protector is a protective device that simultaneously offers triple protection of temperature, current and time. It can precisely control the damage to the motor caused by motor blockage or excessive current. This product uses bimetallic materials with good electrical conductivity to ensure it can withstand the requirements of normal circuit current. The combination of the bimetallic strip and the heating wire has a rapid tripping property, which can precisely control the tripping time and prevent the coil temperature from being too high and causing motor burnout.



17AM-X发热丝产品



17AM-X+PTC发热丝产品

Product advantages:

- Long service life and high reliability
- Temperature range: 50-180°C, current: 3A-25A,5-15s
- The 17AM heating wire series is optionally equipped with PTC configuration



Strong versatility

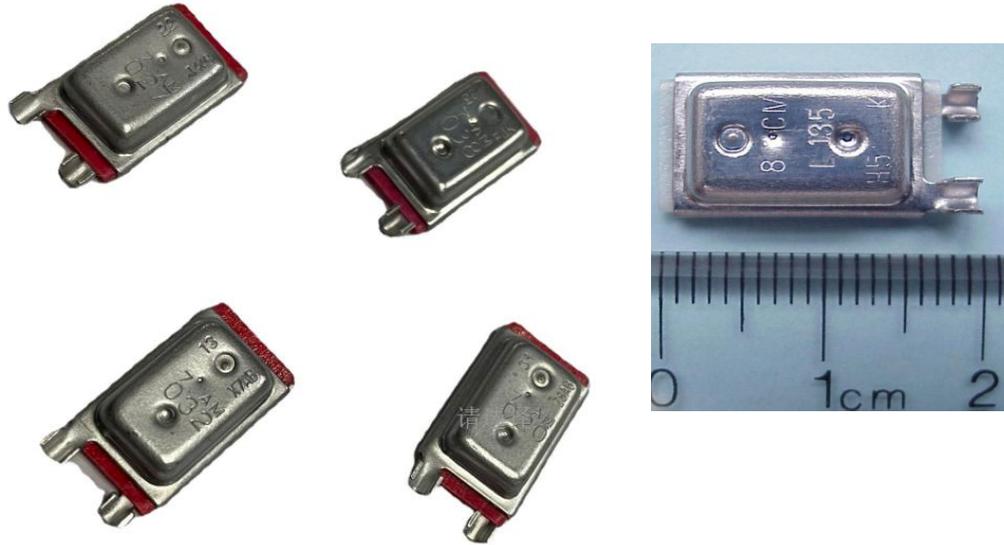


Rich configuration



Wide applications

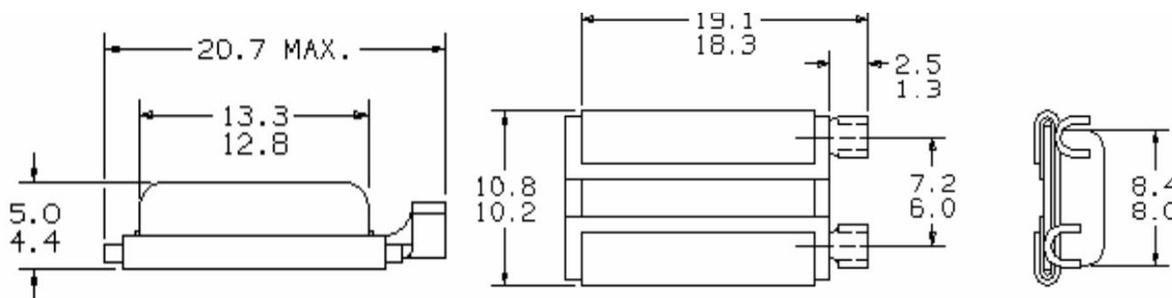
Product Introduction -7AM/8CM Series



7AM/8CM is a protector against overheat and overcurrent. It is small in size and has a rapid jumping action, making it widely applicable to small-power motors, ballasts for fluorescent lamps, lighting fixtures, transformers, automotive motors and household appliances.

Product advantages:

- Compact structure and small volume
- Precisely adjust the temperature to achieve reliable and accurate operation
- The stable opening and closing temperature difference keeps the average temperature of the protected components low during operation, and it will not cause adverse actions when starting up



Strong versatility

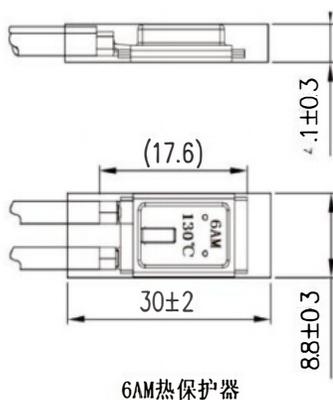


Rich configuration

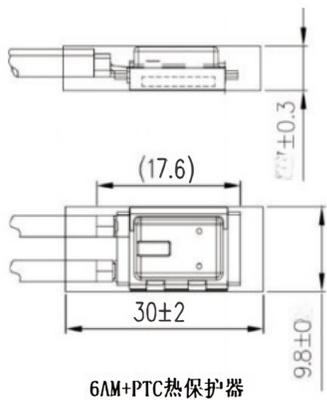


wide applications

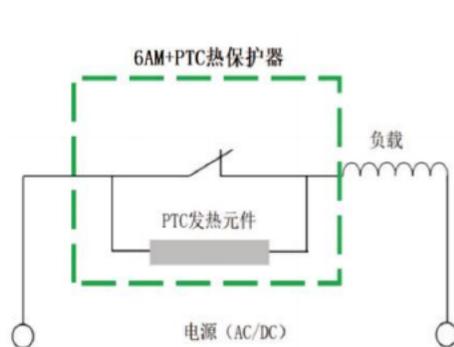
Product Introduction -6AM Series



6AM热保护器



6AM+PTC热保护器



6AM+PTC热保护器电气图

The operating principle of the 6AM series is the same as that of the 17AM. It automatically disconnects or connects the circuit based on the external temperature conditions, providing a simple and effective protection function for the devices. The 6AM+PTC product is more suitable for applications requiring power-off reset, providing customers with better safety protection.

Product advantages:

- Ultra-thin design, micro volume
- Quick-acting protector, with a rapid tripping action
- A durability life of more than 10,000 times
- Automated production ensures good product stability



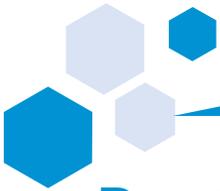
Miniaturization



High cost performance

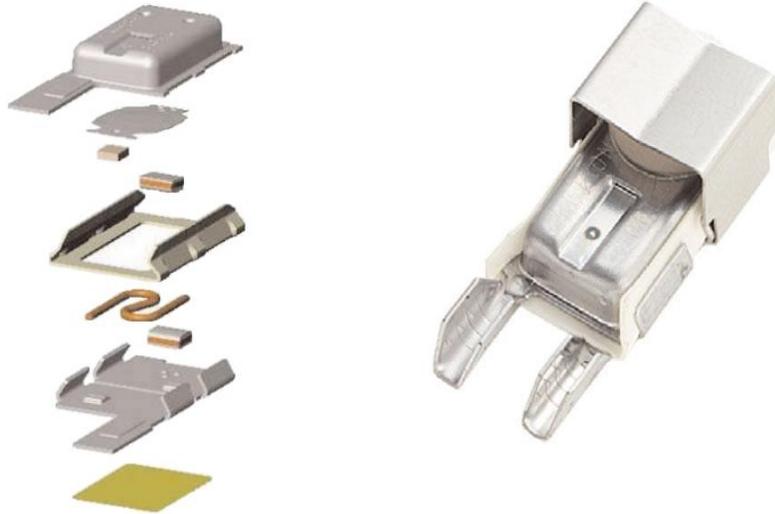


Automation



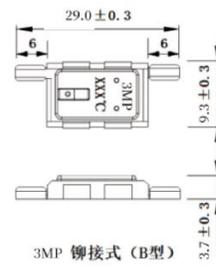
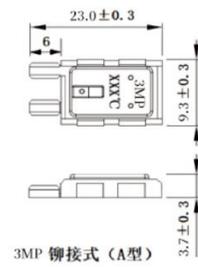
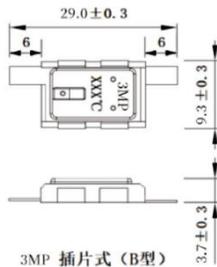
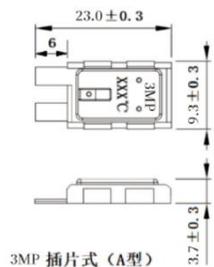
Product Introduction -3MP Series

The 3MP current and temperature dual protector is a protective component that simultaneously features overcurrent and temperature sensing dual protection functions. It can precisely control the damage to the motor caused by motor blockage or excessive current. 3MP is widely used in household motors such as washing machines, dishwashers, dryers and vacuum cleaners around the world, as well as various industrial motors with 120 and 250 Vac.



Product advantages:

- Rated voltage: 115V/240V-AC, rated tripping current: 3A - 30A, tripping time setting range: 4-10 seconds
- Operating temperature series: 80°C to 170°C (one specification for every 5°C)
- 100% temperature and current detection
- 3MP power-off reset type motor protector is optional



Miniaturization

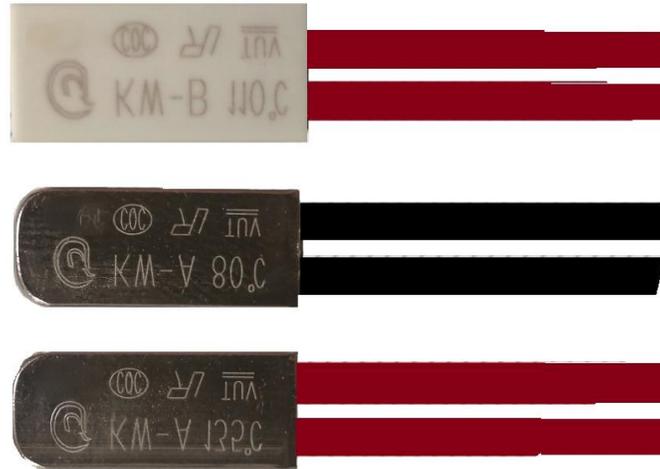


Power-off reset



Automation

Product Introduction -KW Series



The KW structure design is simple. A square bimetallic strip serves as the temperature sensor. When the temperature rises to a certain value, the bimetallic strip jumps, and the transmission contact acts rapidly to break the circuit. When the temperature drops to a certain value, the bimetallic strip resets and the contacts also return to their original state, achieving the purpose of turning the circuit on and off. Bimetallic materials themselves do not pass current and can be applied in circuits with larger power.

Product advantages:

- Stainless steel casing and plastic casing are available for selection
- The production process of internal components is automated and highly efficient
- It has a sufficiently high sealing performance and is suitable for the impregnation process



Large demand



Wide application



Fast temperature sensing

