

Appliance Thermal Protector

Thermal protectors are designed for household appliances to prevent overheating. These devices ensure the safe, reliable operation of appliances by triggering at specific temperatures.



Product Overview

Advanced Thermal Protection

The 18AM series thermal protector is a precision-engineered safety device designed for both current and temperature-based protection. Utilizing a high-sensitivity bimetal element, it automatically cuts off the circuit when temperatures exceed safe thresholds and resets once the system cools down. Its compact design and robust construction make it an ideal choice for safeguarding a variety of electronic components and home appliances.

Technical Performance

Contact Capacity

8 A

Capacity at 24V DC

8 A

Capacity at 125V AC

5 A

Capacity at 250V AC

Applications

Primary Applications

Small Motors (<0.5hp), Transformers, Rectifiers, Battery Packs, General Appliances

Key Features

Performance Advantages

- Compact volume for space-constrained designs
- Highly sensitive temperature induction
- Excellent hermetic tightness
- Precise calibration for reliable safety