

Kettle Control Base with Automatic Shutoff

This kettle control base incorporates a circular connector for power transfer and a bimetallic strip for temperature sensing. It is designed to automatically shut off the kettle when the water reaches boiling point.



Product Overview

Kettle Control Base System

This kettle control base is a critical component for domestic and commercial electric kettles, ensuring safe and efficient operation. Featuring a precision bimetallic strip for reliable temperature sensing, the unit triggers an automatic shutoff cycle precisely when water reaches its boiling point. The assembly combines a durable plastic housing with a stable metal base plate to provide both electrical insulation and thermal management.

Technical Specifications

Material Composition

- Heat-resistant plastic housing
- Metal base plate
- Bimetallic strip
- Electrical terminals

Functional Layout

Component	Function
Central circular connector	Power transfer
Bimetallic strip	Temperature sensing
Metal base plate	Stability and heat dissipation

Safety Features

Automatic Shutoff, Thermal Sensing, Insulated Housing