

3/4" Bimetallic Thermostat

This 3/4" bimetallic thermostat is designed for temperature control applications. It is suitable for use in HVAC&R systems and other applications requiring accurate temperature regulation.



ADDITIONAL IMAGES



Overview

High-Performance Bimetallic Temperature Control

The KSD301C series is a robust 3/4" (19mm) snap-action bimetallic thermostat designed for precise temperature regulation in demanding HVAC&R and appliance applications. It serves as a reliable alternative to the TOD 60T series, offering versatile mounting options and high electrical ratings to ensure system safety and efficiency. This thermostat is ideal for air source heat pumps, water heaters, and various commercial appliances requiring dependable thermal protection.

Technical Specifications

KSD301C 3/4" (19mm) Series Temperature Controls

Specifications

1. Electrical Ratings: AC125V 5A 15A, AC250V 5A 10A 16A
2. OFF Temperature Range:
3. Bakelite: Automatic -30°C ~ 150°C; 30°C ~ 150°C
4. Tolerance: Automatic: Min $\pm 3^\circ\text{C}$ Standard $\pm 5^\circ\text{C}$, Manual: Min $\pm 4^\circ\text{C}$ Standard $\pm 5^\circ\text{C}$
5. A variety of mounting flanges are available to meet the insulation requirements.

Similar to TOD Series 60T

Applications:

Air Conditioners, heating and ventilating equipment, vending machines, dryers, unit heaters, tabletop appliances, etc.

Approvals: UL CQC TUV VDE CUL

Comprehensive technical data including electrical ratings, temperature tolerances, and global safety approvals.

Electrical Ratings

Voltage	Current Options
AC 125V	5A, 15A
AC 250V	5A, 10A, 16A

Operating Temperature Range

-30 °C Min Temperature	270 °C Max Temperature
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Temperature Tolerance

- Automatic Reset: Min $\pm 3^\circ\text{C}$, Standard $\pm 5^\circ\text{C}$
- Manual Reset: Min $\pm 4^\circ\text{C}$, Standard $\pm 5^\circ\text{C}$

Design & Construction

Disc Diameter	19 mm
Housing Material	Bakelite
Mounting Configuration	Variety of mounting flanges available to meet insulation requirements

Applications

Common Applications	Air Conditioners, Heat Pump Water Heaters, Vending Machines, Dryers, Unit Heaters, Tabletop Appliances, HVAC&R Systems
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Compliance & Standards

Regulatory Approvals

UL • CQC • TUV • VDE • CUL

Compatibility

Series Compatibility	Equivalent to TOD Series 60T
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