

# THERMOSTAT CAPABILITIES

## CORPORATE OVERVIEW



Through traditional craftsmanship and engineering excellence, the Zettler name has symbolized quality and reliability in relays for over 100 years in demanding applications such as telecommunications systems, computer peripherals, office automation equipment, home appliances, security systems, test and measurement devices, and industrial controls.

Zettler Controls brings that same commitment to the HVAC/R and appliance markets with an offering of relays, thermostats, transformers, contactors, heat sequencers, temperature sensors, and fan centers. This group of products is used by the HVAC/R and appliance industries in both residential and commercial applications.

We welcome application challenges, stock over one million units, deliver quick turnaround, and excel at meeting the service level our customers require. Our unique combination of 100% quality testing, first-class sales and technical support, cost-effective product design, and outstanding product availability offer a highly dependable and responsive resource for fulfilling your component needs.

You can count on Zettler Controls, Inc.

**Series:** KSD301A

**Features:**

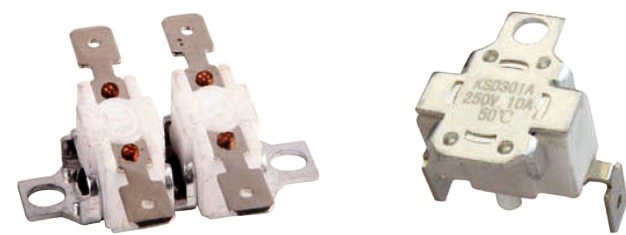
- SPST
- Specs: Max 16A at 120/250/277VAC
- Min. Diff. Temperature: 8°C
- Temperature Range: 0 to 250°C Max
- Automatic reset (180°C Max) & Manual rest (180°C Max)
- One-shot (250°C Max)
- Tolerances: Standard  $\leq 180^\circ\text{C} \pm 5^\circ\text{C}$   
 $\geq 180^\circ\text{C} \pm 7.5^\circ\text{C} / \geq 220^\circ\text{C} \pm 10^\circ\text{C}$

**Applications:** Appliances & HVAC/R  
**Comparison:** Similar to TOD series 36T  
**Safety Approvals:** UL, TUV, VDE

## 1/2" (12.7mm) SNAP ACTION THERMOSTATS



## SNAP ACTION THERMOSTATS



**Series:** KSD301A2

**Features:**

- SPST
- Specs: Max 16A at 120/240/277VAC
- Min. Diff. Temperature: 8°C
- Temperature Range: 0 to 230°C Max
- Automatic reset (180°C Max) & Manual rest
- One-shot (230°C Max)
- Tolerances: Standard  $\leq 180^\circ\text{C} \pm 5^\circ\text{C}$   
 $\geq 180^\circ\text{C} \pm 7.5^\circ\text{C} / \geq 220^\circ\text{C} \pm 10^\circ\text{C}$

**Applications:** Appliances  
**Comparison:** Similar to INTERCONTROL series  
**Safety Approvals:** UL, TUV

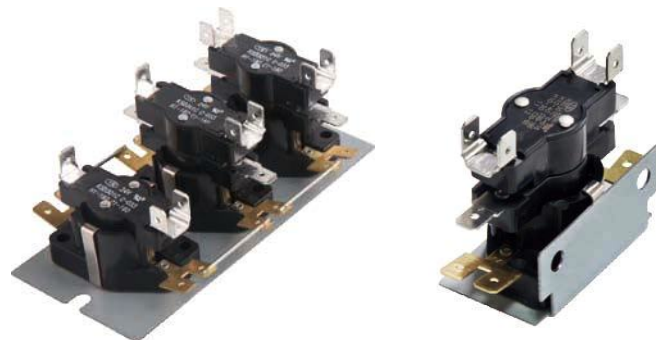
**Series:** KSD301C C-015

**Features:**

- SPST, SPDT, & DPST
- Solid State PTC: 24/120/240VAC
- Time: per customer requirements
- Specs: ON 1-110sec. & OFF, 1-170sec.
- Positive Temperature Coefficient (PTC) heater

**Applications:** HVAC/R  
**Comparison:** Similar to TOD series 12/14/15S  
**Safety Approvals:** UL

## HEAT SEQUENCERS



**Series:** KSD301C

**Features:**

- SPST, SPDT & DPST
- Specs: 15/25A at 120/250/277/400/600VAC
- Min. Diff. Temperature: 8°C
- Temperature Range: 0 to 150°C Max
- Automatic reset & Manual reset
- One-shot
- Tolerances: Standard  $\pm 5^\circ\text{C}$

**Applications:** Appliances & HVAC/R  
**Comparison:** Similar to TOD series 60T  
**Safety Approvals:** UL, TUV

## 3/4" (19mm) HIGH CURRENT THERMOSTATS



## DEFROST THERMOSTATS



**Series:** KSD301B

**Features:**

- SPST
- Specs: 5 /10/25A at 120/240/277VAC
- Min. Diff. Temperature: 8°C T emp
- Range: 0 to 105°C Max
- Automatic reset & Manual reset
- Tolerances: Standard  $\pm 5^\circ\text{C}$

**Applications:** Appliances & HVAC/R  
**Comparison:** Similar to TOD series 37T  
**Safety Approvals:** UL

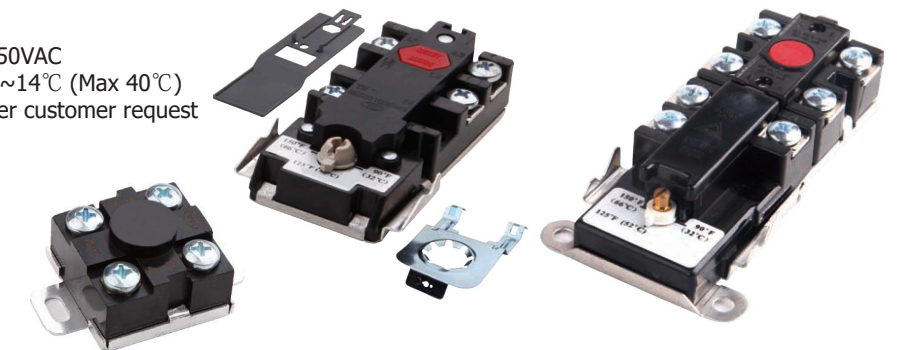
**Series:** KSD301C C-200

**Features:**

- SPST, SPDT, & DPST
- Specs: Max 40A at 120/125/240/250VAC
- Min. Diff. Temperature: 3~9°C & 9~14°C (Max 40°C)
- Temperature Range: Adjustable per customer request
- Automatic reset & Manual reset
- Tolerances: Standard  $\pm 5^\circ\text{C}$

**Applications:** Appliances (Water heaters)  
**Comparison:** Similar to TOD series 59/66T/89T  
**Safety Approvals:** UL, TUV

## WATER HEATER THERMOSTATS



## PTC POWER-OFF RESET THERMOSTATS



**Series:** KSD301A PTC

**Features:**

- SPST
- Specs: 16A at 125/250VAC
- Min. Diff. Temperature: 8°C
- Temperature Range: 0 to 250°C Max
- Automatic reset
- Tolerances: Standard  $\pm 5^\circ\text{C}$
- Rating: 100,000 cycles

**Applications:** HVAC/R (Heaters)  
**Comparison:** Similar to MICROTTECH series PTC  
**Safety Approvals:** UL