

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



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

SNAP ACTION THERMOSTATS



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 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