

PRODUCT 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.

POWER & SWITCHING RELAYS

Series: AZ9401, AZ2900, AZ2800, AZ2700, AZ2280 & ZC9034

- Features:**
- SPST, SPDT, DPST & DPDT
 - Panel mount and quick-connect terminals
 - Various contact configurations
 - 16, 25 and 30 Amp switching
 - Epoxy sealed versions available
 - Direct replacement of competitive relays

Applications: HVAC/R
Safety Approvals: UL/CUR (UL508)



MOTOR START POTENTIAL RELAYS

Series: 3ARR, ZCPR

- Features:**
- SPST
 - Class B (130°C) insulation system
 - Voltage range 24 to 277V at 50/60Hz
 - Various operating positions and mounting options available (screw mount, panel or tab)
 - Contact ratings: 35 and 50A

Applications: HVAC/R
Safety Approvals: UL/CUR (UL873)



HEAT SEQUENCERS

Series: KSD301C C-015, ZC24A34

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

Applications: HVAC/R
Safety Approvals: UL/CUR (UL873)



Series: KSD301A, KSD301B & KSD301C

- Features:**
- SPST, SPDT & DPST
 - Specs: 5/10/15/16/25A and 120/250/277VAC
 - Min. Diff. Temperature: 8°C
 - Temperature Range: 0 to 250°C Max
 - Automatic reset & Manual rest
 - 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
Safety Approvals: UL/TUV/VDE (60730-1, 60730-2-9)



THERMOSTATS & TEMPERATURE CONTROLS



CONTACTORS / MINIATURE CIRCUIT-BREAKERS



Series: XMC0 / UEB1-70

- Features:** **CONTACTORS [XMC0]**
- 1, 2, & 3 Pole class F (155°C) models available
 - 25 to 90 FLA (full load amps) and 12 to 600V at 50/60Hz
 - Universal metal mounting plate or plastic base
 - Terminations: Slotted, quick-connect, sems clamp & box lug
 - Auxiliary contacts available as snap-on option

MINIATURE CIRCUIT-BREAKERS [UEB1-70]

- Spec ratings up to 60A and 120/240V at 50/60Hz
- Various removable metal mounting brackets available

Applications: HVAC/R
Safety Approvals: UL/CUR (UL508 / UL489)

Series: ZC9011 / NTS

- Features:** **FAN CENTERS [ZC9011]**
- SPST, SPDT, DPST, & DPDT
 - 24V coil voltage, power and pilot duty rated contacts
 - Color coded pre-stripped leads
 - Input Voltage 120V 60Hz or 208/240V at 50/60Hz

THERMISTORS [NTS]

- Wide range of housing materials
- 40°F (-40.0°C) to 482°F (250°C) temperature range
- Configurations available for a variety of applications

Applications: HVAC/R
Safety Approvals: UL/CUR (UL873 / UL1434)

FAN CENTERS / THERMISTORS



CLASS 2 CONTROL TRANSFORMERS



Series: AHR, AHRV

- Features:**
- 20-100VA rating AHRV series
 - 30-50VA inherently limited AHR designs
 - Operating Frequency of 50/60 Hz
 - Input range 115 to 575V & output 2.5 to 120V
 - Class B (130°C) insulation system
 - 7i gtrca "V6bZl[i fuHcbg'Uj Uj'UVY

Applications: <J 57#F
Safety Approvals: UL/CUR (UL5085-3)