## ZT — 5 Amp Miniature Relays

ZT

### Features

- DPDT or 4PDT
- Mechanical indicator
- Test actuator with front operated finger protected push to test button and intergral locking test tab
- UL recognized and CSA certified

### Ordering Instructions

- Sockets:
  **ZG78700**—DIN/Panel mount
  **ZG78110**—DIN/Panel mount with diode
- Order sockets: see page 631.
- These relays are available with other voltage ratings, contact materials, mountings styles, terminations and contact arrangements. Special request for quotation is required. Minimum quantities may apply.

**ZT—DPDT**

| Voltage | Bulk Package① | Bulk Package Qty | Price Each $ | Single Package | Price $ |
|---|---|---|---|---|---|
| 24V AC | ZT270524 | 25 | 7.40 | ZT270524S | 9.65 |
| 24V AC | ZT280524② | 25 | 10.60 | ZT280524S② | 13.75 |
| 120V AC | ZT270615 | 25 | 7.40 | ZT270615S | 9.65 |
| 120V AC | ZT280615② | 25 | 10.60 | ZT280615S② | 13.75 |
| 24V DC | ZT270024 | 25 | 7.40 | ZT270024S | 9.65 |
| 24V DC | ZT280024② | 25 | 10.60 | ZT280024S② | 13.75 |

**ZT—4PDT**

| Voltage | Bulk Package① | Bulk Package Qty | Price Each $ | Single Package | Price $ |
|---|---|---|---|---|---|
| 12V AC | ZT570512 | 25 | 7.55 | ZT570512S | 9.85 |
| 24V AC | ZT570524 | 25 | 7.55 | ZT570524S | 9.85 |
| 24V AC | ZT580524② | 25 | 14.60 | ZT580524S② | 19.00 |
| 120V AC | ZT570615 | 25 | 7.55 | ZT570615S | 9.85 |
| 120V AC | ZT580615② | 25 | 14.60 | ZT580615S② | 19.00 |
| 230V AC | ZT570730 | 25 | 8.90 | ZT570730S | 11.60 |
| 230V AC | ZT580730② | 25 | 16.00 | ZT580730S② | 20.80 |
| 6V DC | ZT570006 | 25 | 7.55 | ZT570006S | 9.85 |
| 12V DC | ZT570012 | 25 | 7.55 | ZT570012S | 9.85 |
| 12V DC | ZT580012② | 25 | 14.60 | ZT580012S② | 19.00 |
| 24V DC | ZT570024 | 25 | 7.55 | ZT570024S | 9.85 |
| 24V DC | ZT580024② | 25 | 14.60 | ZT580024S② | 19.00 |

①Sold in standard bulk package only, e.g. **ZT270524** contains QTY 25 (not individually boxed).

②Gold plated contacts.

### Description

The complete product line is available in many contact ratings and voltage variations. From 5 Amp to 25 Amps rated contacts and voltage ranges from 6–240 volts for AC or DC operations. Not all voltage ranges are listed. Relays are designed for tab socket or pin socket plug-in bases. Multiple contact configurations; SPDT (single pole double throw), DPDT (double pole double throw), 3PDT (3 pole double throw), or 4PDT (four pole double throw). Some relays have test actuator and LED or mechanical indicator as standard. Relays are UL recognized and CSA certified. Relays are available in single packages or bulk packages at reduced price.

**MT Type**—The MT type is a 10 Amp rated relay for use with octal plug-in socket. It is available with DPDT or 3PDT contact arrangements. It has test actuator with integral locking tab. Relays are used with MR plug-in pin type sockets for 8 or 11 pin configuration.

**RM Type**—RM relays are rated at 10 Amps to 25 Amps, and available in DPDT or 3PDT. This type with tab sockets for chassis mount or DIN rail or panel mount using the RM sockets. Some are available with push to test feature.

**ZT Type**—The ZT type relays are miniature relays with 2 or 4PDT contacts, have mechanical indicator and test actuator with a locking tab. The contacts are rated at 5 Amps, with a voltage range of 6–24V DC and 12–230V AC. It is designed for use with the ZG type plug-in sockets for DIN rail or panel mounting.

### KRPA Relays

Type KRPA features multi-contact arrangement, octal plug termination and a clear polycarbonate dust cover. This ruggedly constructed relay is offered with silver-cadmium oxide contacts, code "G" rated 10 amps. Contact arrangements are DPDT or 3PDT forms.

### KUP Relays

KUP Relays, rated at 10 amps and feature a square base and .187" quick connect terminals. Available in 2 pole (DPDT) and 3 pole (3PDT) configurations with 10 amp contacts. For use with 27E893 DIN rail socket, they are also available with side flange mounting.

### KUMP relays

These relays are similar to the KUP relays with higher Amp ratings of 15 Amp, for DPDT or 3PDT contact configuration.

### K10 Miniature Relay

K10 relays offer reliable switching capability in a 15 amp miniature design. These 2 pole (DPDT) relays are supplied with silver cadmium oxide contacts and used with DIN rail socket.

### KUHP Relays

A 20 Amp relay with DPDT contacts. Relay designed for bracket mount without a socket.

### KUL Latching Relay

KUL Latching Relays with dual coil inputs provide memory, conserve power.

The KUL Magnetic Latching Relay requires approximately half the space needed for mechanical latching relays. All models are silver-cadmium oxide contacts rated 10 amps @ 28V DC, resistive or 240V AC, 80% pf., AC DPDT relays include diodes.

### KHAU Relay

Dry circuit up to 5 Amp contacts with 4PDT. Can be mounted on PCB soldered to or socket mounted. It is available with test actuator and Indicator lamp.

### KHS Relays

Hermetically sealed for hazardous locations. Contacts are 4PDT with 5 Amp rating. UL recognized for Class 1, Division 2.

### RT Relays

Available in 8 Amp DPDT or 16 Amp SPDT contact arrangements. Relays have low profile and sensitive coil designed for printed circuit board mounting.

### CK Timing Relays

CK Timers are single range timing relays. They are available in On Delay and Off Delay models with timing ranges from 0.1–180 seconds. All devices have DPDT contact configuration. Bases are 8 Pin for On Delay, 11 Pin for Off Delay.

### CNS Timers

The plug-in timers are multifunction timers with up to 8 programmable functions to provide On/Off Delay, Interval and Recycler timing functions.

### CNT Timer/Counter

This is a thumbwheel programmable plug in timer with 10 timing modes and 2 counting modes. 10 Amp rated DPDT relay output, and LCD display.

### PRD Power Relays

Type PRD is heavy duty power relay designed for high in-rush current applications such as motor starting and incandescent lamp loads.

The PRD relays, silver-cadmium oxide contacts are intended to provide additional contact life and resist welding. These contacts are not recommended for switching low level loads.

Enclosure 35D013 for PRD Relays can be used.

### UL and CSA

| Style | UL Recognized File Numbers | CSA File Numbers |
|---|---|---|
| MT | E38891 | LR59548 |
| RM | E38891 | LR14385 |
| ZT | E79990 | LR5947 |
| KRPA, KUP, KUMP, K10, KUHP, KUL, KHAU, KHS, RT, CK, CNS, CNT, PRD① | E29244, E22575, E81558(hermetic) | LR15734 LR15734-123 |

①Models with screw terminals UL Listed others UL Recognized

**Plug-in Relay for Tab Socket**

KUP11A15120

**Plug-in Latching Relay**

KUL11A15S24

**Plug-in Relay for Pin Socket**

KRPA11AG24

**Power Relay**

PRD11AG0120