

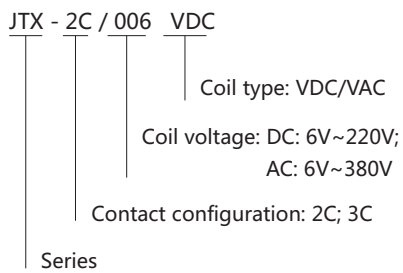


JTX Miniature Power Relay

1. General

- 1.1 10A switching current
- 1.2 Various sockets available
- 1.3 Wide range of coil ratings
- 1.4 Certificate: UL, CE

2. Type designation



3. Technical data

| Contact Arrangement | | 2C, 3C |
|----------------------------|-------------------------|-----------------------|
| Initial contact resistance | mΩ | 100 |
| Contact material | | Silver alloy |
| Rated load (resistive) | | 10A/220VAC, 10A/28VDC |
| Max. switching voltage | VAC | 250 |
| | VDC | 125 |
| Max. switching current | A | 10 |
| Max. switching power | VA | 2200 |
| | W | 280 |
| Electrical endurance | Cycles($\times 10^3$) | 100 |
| Machanical endurance | Cycles($\times 10^6$) | 10 |

4. Coil specification

AC

| Rated voltage | Holding voltage | Must drop-out voltage | Operating range | Power consumption |
|---------------|-----------------|-----------------------|-----------------|-------------------|
| 6 | | | | |
| 12 | | | | |
| 24 | | | | |
| 36 | | | | |
| 48 | | | | |
| 110 | 80%Un | 20%Un | (80%~110%)Un | 3VA |
| 127 | | | | |
| 220 | | | | |
| 230 | | | | |
| 380 | | | | |

DC

| Rated voltage | Holding voltage | Must drop-out voltage | Operating range | Power consumption |
|---------------|-----------------|-----------------------|-----------------|-------------------|
| 5 | | | | |
| 6 | | | | |
| 12 | | | | |
| 24 | | | | |
| 36 | 75%Un | 10%Un | (75%~110%)Un | 2W |
| 48 | | | | |
| 110 | | | | |
| 127 | | | | |
| 220 | | | | |

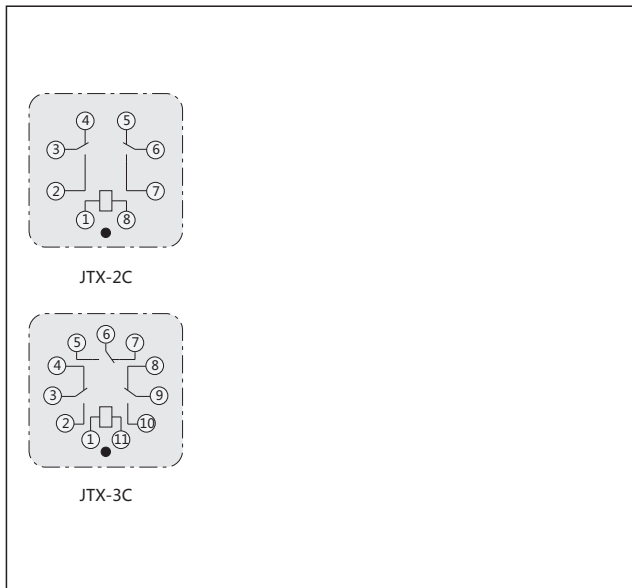


5. Characteristics

| Insulation resistance(at 500VDC) | | MΩ | 100 |
|----------------------------------|-------------------------|------------------|----------------------------------|
| Dielectric strength | Between coil & contacts | | 1500VAC |
| | Between open contacts | | 500VAC |
| Operation time | | ms | ≤20 |
| Release time | | ms | ≤20 |
| Shock resistance | | m/s ² | 100 |
| Vibration | | | (10 ~ 55)Hz,1mm double amplitude |
| Humidity | | | 98% RH at +20°C |
| Ambient temperature range | | °C | -10 ~ +55 |
| Termination | | | Plug-in |
| Dimension | | mm | 35×35×52.5 |

6. Overall and mounting dimensions (mm)

Internal connection (bottom view)



Dimensions

