


# JQX-10F 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. Ordering Information

JQX-10F / 2Z 006 VDC

- Coil type:VDC/VAC
- Coil voltage:DC:6V~220V;AC:6V~380V
- Contact arrangement:2Z=2C;3Z=3C
- Series

## 3. Technical data

| Contact Arrangement | | 2C,3C |
|---|---|---|
| Initial contact resistance | mΩ | 100 |
| Contact material | | Silver alloy |
| Rated load(resistive) | | 10A/250VAC,10A/30VDC |
| Max. switching voltage | VAC | 250 |
| | VDC | 125 |
| Max. switching current | A | 10 |
| Max. switching power | VA | 2500 |
| | W | 300 |
| Electrical endurance | Cycles($\times 10^3$) | 100 |
| Machenical endurance | Cycles($\times 10^6$) | 10 |

## 4. Coil specification

AC

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

DC

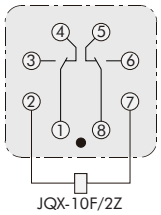
| Rated voltage | Holding voltage | Must drop-out voltage | Operating range | Power consumption |
|---|---|---|---|---|
| 5 | 80%Un | 10%Un | (80%~110%)Un | 1.6W |
| 6 | | | | |
| 12 | | | | |
| 24 | | | | |
| 36 | | | | |
| 48 | | | | |
| 110 | | | | |
| 127 | | | | |
| 220 | | | | |

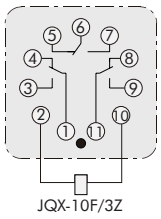
## 5. Characteristics

| Insulation resistance(at 500VDC) | | MΩ | 100 |
|---|---|---|---|
| Dielectric strength | Between coil & contacts | | 1500VAC |
| | Between open contacts | | 500VAC |
| Action time (25℃ ,rated voltage) | | ms | ≤20 |
| Release time(25℃ ,rated voltage) | | ms | ≤20 |
| Shock resistance | | $m/s^2$ | 100 |
| Vibration | | | (10~55) Hz,1mm double amplitude |
| Humidity | | | 98% RH at+20℃ |
| Ambient temperature range | | ℃ | -25~+55 |
| Termination | | | Plug-in |
| Dimension | | mm | 35×35×52.5 |

## 6. Overall and mounting dimensions (mm)

Internal connection(bottom view)




Dimensions

