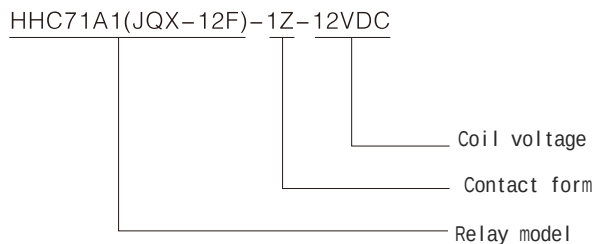


## HHC71A1(JQX-12F) High - Power Electromagnetic Relay

### Model Explanation



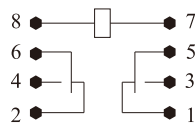
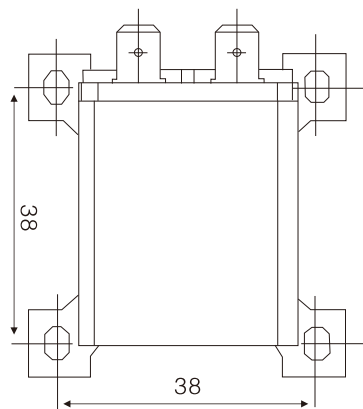
### Product Features

◇ Long service life; ◇ Strong universality; ◇ Large contact load; ◇ Easy to use;

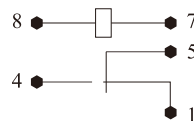
### Technical Parameters

|                           |                                        |                                                                           |          |
|---------------------------|----------------------------------------|---------------------------------------------------------------------------|----------|
| Contacts                  | Type                                   | 1Z,1H,1D                                                                  | 2Z,2H,2D |
|                           | Resistive Load                         | 30A/240VAC 28VDC                                                          |          |
|                           | Initial Contact Resistance             | ≤100mΩ                                                                    |          |
|                           | Material                               | Silver Alloy                                                              |          |
|                           | Electrical Life (1s on, 1s off)        | ≥10 <sup>5</sup> times                                                    |          |
|                           | Mechanical Life (300 times per minute) | ≥10 <sup>7</sup> times                                                    |          |
| Pull - in Voltage (23°C)  |                                        | DC: ≤75% of rated voltage; AC: ≤80% of rated voltage                      |          |
| Release Voltage (23°C)    |                                        | DC: ≥10% of rated voltage; AC: ≥30% of rated voltage                      |          |
| Maximum Voltage (23°C)    |                                        | 110% of rated voltage                                                     |          |
| Coil Specification        | DC                                     | 6V,9V,12V,24V,36V,48V,110V,220V (Voltage can be customized)               |          |
|                           | AC                                     | 6V,9V,12V,24V,36V,48V,110V,220V,380V (Voltage can be customized)          |          |
| Coil Power                | DC                                     | 2.0W                                                                      |          |
|                           | AC                                     | 4VA                                                                       |          |
| Pull - in Time            |                                        | ≤25ms                                                                     |          |
| Release Time              |                                        | ≤15ms                                                                     |          |
| Initial Withstand Voltage | Between Contacts of the Same Pole      | 1500VAC/1min (Leakage Current 1mA)                                        |          |
|                           | Between Contacts of Different Poles    | 1500VAC/1min (Leakage Current 1mA)                                        |          |
|                           | Between Contacts and Coil              | 2500VAC/1min (Leakage Current 1mA)                                        |          |
| Insulation Resistance     |                                        | ≥500MΩ(500VDC)                                                            |          |
| Ambient Temperature       |                                        | -25~+55°C                                                                 |          |
| Ambient Humidity          |                                        | 45%~75%RH                                                                 |          |
| Atmospheric Pressure      |                                        | 86~106KPa                                                                 |          |
| Resistance to Shock       |                                        | 10G (Sinusoidal Half - wave Pulse: 11ms)                                  |          |
| Vibration Resistance      |                                        | 10~55Hz , Double Amplitude: 1.0mm                                         |          |
| Mounting Method           |                                        | PCB Printed Board Soldering Type, Plug - in Type, Flange Type             |          |
| Packaging Information     | Quantity per Inner Box                 | 10 pieces/foam box                                                        |          |
|                           | Quantity per Outer Carton              | 150 pieces/carton (with foam boxes)                                       |          |
|                           | Outer Carton Dimensions                | 400mm×265mm×345mm                                                         |          |
|                           | Weight                                 | Approx. 70g/piece; Gross Weight: 11.5KG/carton; Net Weight: 10.5KG/carton |          |

## Outline Drawing, Wiring Diagram, and Installation Dimensions (mm)



HHC71A(JQX-12F) -2Z



HHC71A(JQX-12F) -1Z

## Performance Curve Diagram

