

# PHASE FAILURE PHASE SEQUENCE RELAY

## Item Photos

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## Application and Feature

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XJ11(XJ3-D) Overvoltage / Undervoltage / Phase failure / Phase sequence Protection Relay (hereinafter 'Protection Relay'), connected with the switching electrical device (like AC contactor etc.) as the protective circuit to do efficient protection for the breakdown which probably occurred by over voltage, under voltage, phase failure, phase sequence in the irreversible 3-phase AC electromotor and transmission equipment (for example water pump, draught fan, conveyer belt, air compressor, feeder line).

Protection Relay are widely used in the low voltage power distribution system of using 3-phase 50Hz, AC380V in the industry, agriculture and service.

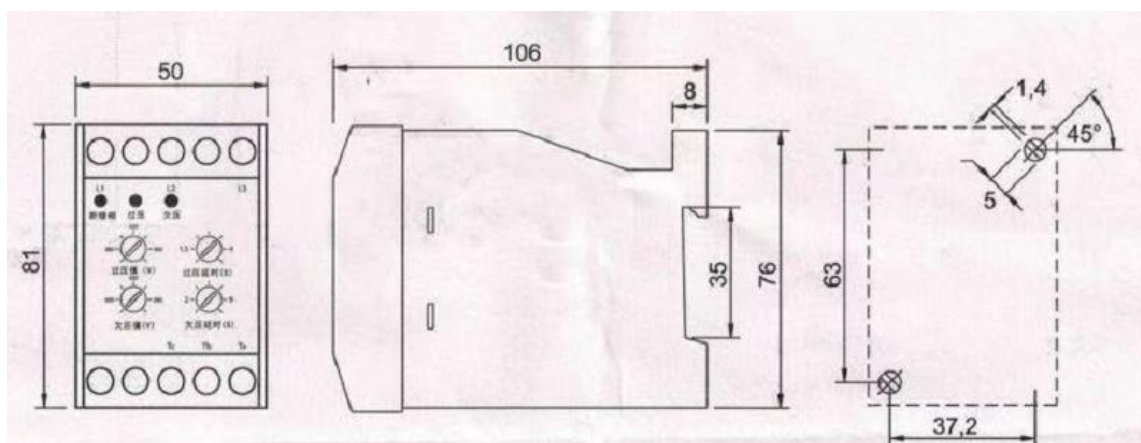
Protection Relay can disconnect the power supply of the main circuit to reaching the purpose of protecting the equipment and human safety under the conditions as below: when the phase sequence of Protection Relay is confirmed, wrong connected with the pre-confirmed phase sequence due to change or maintain, occurred phase failure in the supply circuit, occurred over voltage or under voltage in the supply power grid.

Protection Relay adopts the advanced technique of voltage test and excellent IC as its main parts. Its feature are reliable operation, accurate failure indication, strong anti-interference, small volume, simple installation and use, furthermore it cannot be influenced by the big or small power of been protected equipment.

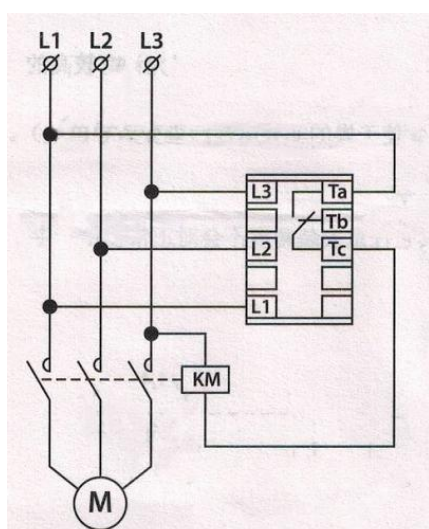
## Technical Data

Power and voltage	3-phase 380V AC 50/60Hz
Over voltage protection	380v-460v can be adjusted, delay time 1.5s-4s can be adjusted
Under voltage protection	300v-380v can be adjusted, delay time 2s-9s can be adjusted.
Mechanical time	$1 \times 10^6$ times
Electrical time	$1 \times 10^5$ times
Contact capacity	AC220V 3A(Resistance)
Power consumption	$\leq 2W$ .

## Dimension(mm)



## Wiring Diagram



Tc: Normal Working Condition  
Ta: On State

## Action Characteristic Curve

