



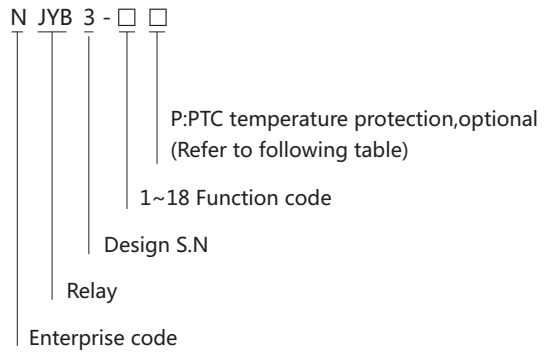
## NJYB3 Relay

### 1. General

NJYB3 Relay is used to provide overvoltage, undervoltage, phase failure, phase sequence, three-phase unbalance, PTC temperature and load protection control in three-phase three-wire up to 415V circuits and three-phase four-wire up to 240V circuits with a frequency of AC50Hz.

This relay is a voltage protection relay. After detecting the voltage signal, the relay processes the input signal, judges if there is an overvoltage, undervoltage, phase failure, phase sequence, three-phase unbalance, PTC temperature and load error and controls the operation accurately and stably by means of the built-in microprocessor.

### 2. Type designation



### 3. Technical data

Model	Protection function	Protection operation time	Rated operational voltage	Contact capacity	Contact form	Electrical life	Mechanical life
NJYB3	Overvoltage	0.1s~10s	Three-phase three-wire system: AC380V~AC415V 50Hz	Ue/Ie:AC-15 240V/0.75A, 415V/0.47A; Ith:3A	1 Z	10 <sup>5</sup>	10 <sup>6</sup>
	Undervoltage						
	Three-phase voltage unbalance						
	Phase failure, phase sequence PTC temperature	≤1s	Three-phase four-wire system: AC220V~AC240V 50Hz				