NJXB3 Relay

1. General

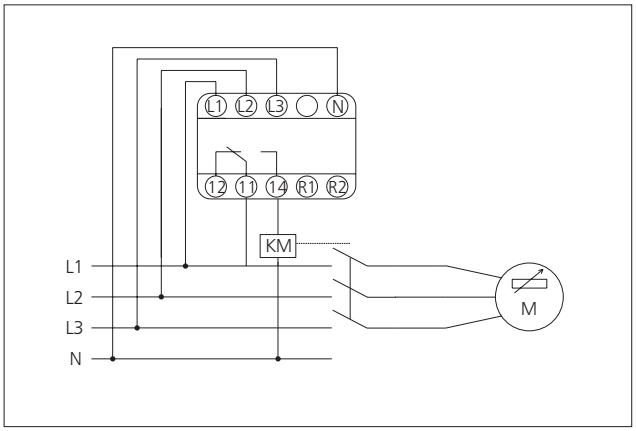
NJXB3 relay is used as an overvoltage, undervoltage, phase failure, phase sequence, three-phase voltage unbalance and PTC temperature protection device in three-phase three-wire control circuits with an AC voltage of 380V and a frequency of 50Hz and three-phase four-wire control circuits with an AC voltage of 220V and a frequency of 50Hz to make and break the circuit.

2. Type designation

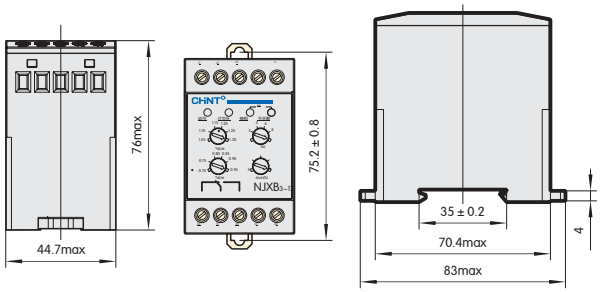
N J XB 3 - □ □

- P: PTC temperature protection, optional.
- 1～18 function code (see Table 1)
- Design sequence No.
- Phase protection
- Relay
- Company code

4. Wiring diagram



5. Overall and mounting dimensions (mm)



6. Installation and use

6.1 Connect the wires correctly in accordance with the connection diagram.
6.2 If the relay is of rail mounting type, use TH35-7.5 mounting rail.
6.3 If the relay is of installation mounting type, remove the limiter.

3. Technical data

Model	Protection function	Protection operation time	Rated operational voltage	Contact capacity	Contact form	Usage category	Conventional heating current (Ith)	Electrical life	Mechanical life
NJXB3	Overvoltage	0.1s～10s	Three-phase three-wire system: AC 380V 50Hz	Resistive load: AC250V 6A cosφ=1 Inductive load: AC250V 1A cosφ=0.4	1 N/O, 1 N/C	AC-15	3A	10^5	10^6
	Undervoltage								
	Three-phase voltage unbalance								
	Phase failure, phase sequence	≤1s	Three-phase four-wire system: AC 220V 50Hz						
	PTC temperature protection								

Model	Three-phase three-wire	Three-phase four-wire	Single-phase/ two-phase	Overvoltage protection	Undervoltage protection	Unbalance protection	Phase sequence protection	Phase failure protection	PTC temperature protection
NJXB3-15		●		●	●	Fixed	●	●	