

Suggest send the instruction to final user

Automatic Transfer Switch Operation Instruction

1 GENERAL

This series automatic transfer switch is comply GB/T14048.11 standards, also in line with the "fire safety in high buildings", "Architecture based of fire safety norms, " " Emergency Lighting Design Guide, "" civil electrical design specifications " and so on. Products, parts, components aging rigorous screening, finished after 168 hours continuous keep electricity running dry, and finally after passing through the test before the factory. Guarantee a reliable product and safety.

2 APPLICATION SCOPE

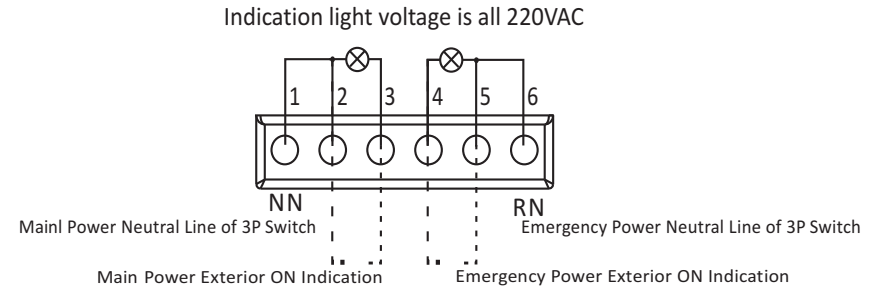
This series automatic transfer switch, which applies to the AC rated voltage not exceeding 415V, rated frequency 50/60HZ, rated current 63A and below, double-power switching power Supply system. To ensure that medical Hospitals, shopping centers, banks, fire, communications, High rise buildings and other places not allowed to supplying electricity.

3 FUNTION CHARACTER

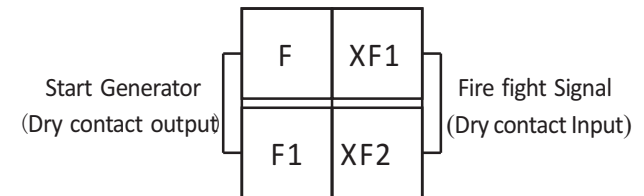
- 3.1. The product structure is simple, practical and convenient operation, long life.
- 3.2. Have the function of breaking capacity and features.
- 3.3. This product has a chain of electrical and mechanical interlock to ensure that the two Power supply can not supply at the same time.
- 3.4. Self-input and Self-recover function
- 3.5. Automatic and Manual function

10 External terminal use

■ Product Terminal Connection

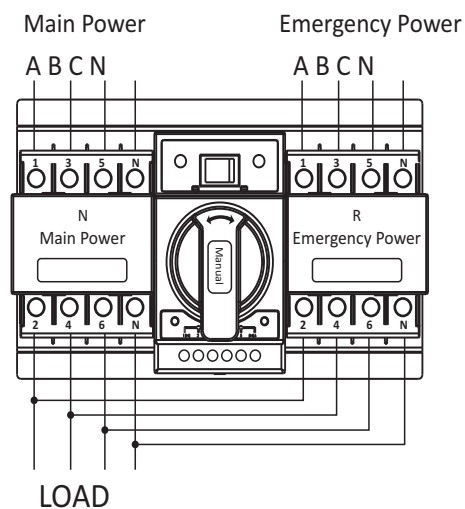


■ Fire fight and Start Generator Connection

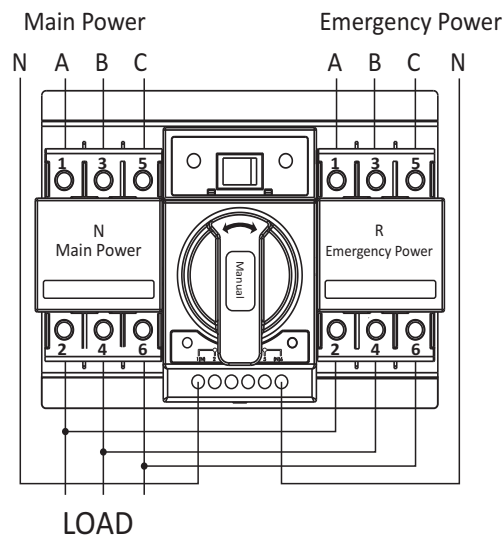


9 CONNECTION PRINCIPLE DIAGRAM

4Pole switch wiring diagram



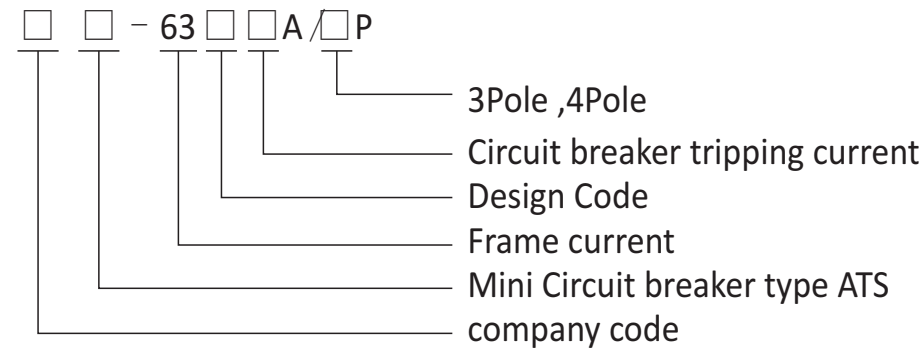
3Pole switch wiring diagram



4 WORKING CONDITION

- 4.1. Surrounding temperature no higher than +40°C and no lower than -10°C.
- 4.2. Installation site: Altitude above sea level not high than 2000m.
- 4.3. Pollution level: 3 level, no explosion danger in the air around, with no corrosion metal original and damage of the insulation gas, liquid and conductive dust.
- 4.4. Atmospheric conditions: RH of air not exceeding 50% under the max temperature +40°C, no high RH under low temperature; the average temperature of the wettest month not exceeding +25°C and the average max RH of the month not exceeding 90%.
- 4.5 In case the above conditions can not be satisfied with the user and the manufacturer should settle the issue through negotiation.

5 MODEL MEANING

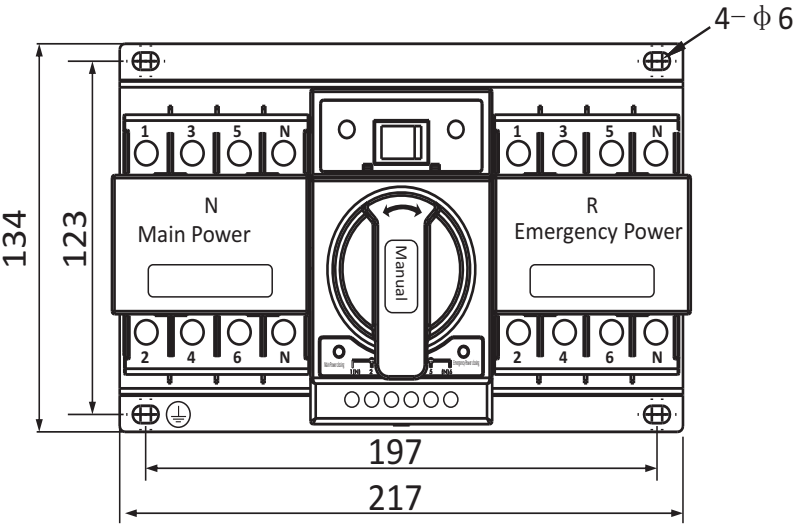


6 SPECIFICATION AND PARAMETER

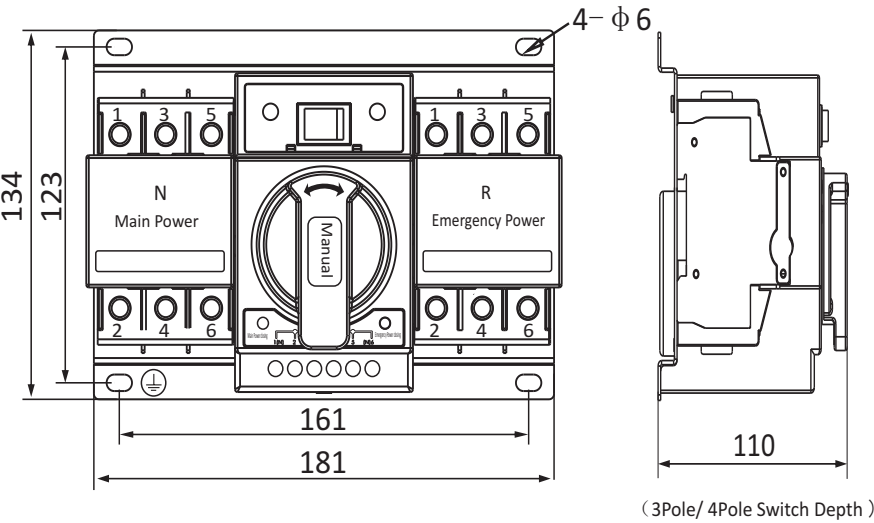
Poles	Rated Voltage Ue(V)AC	Rated Current In(A)	Rated Frequency (Hz)	Control Voltage (V)	changeover time	Mechanism Life (Times)
3P	380V	6, 10, 16,	50/60	220V	1.5~3s	10000
4P		20, 25, 32, 40, 50, 63				

7 OVERALL AND INSTALLATION DIMENSIONS

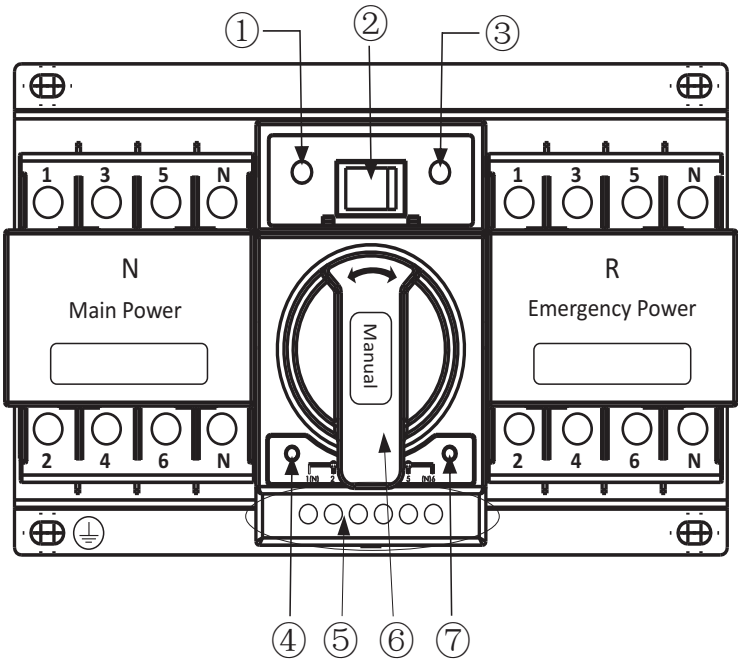
Four pole switch physical size



Three pole switch physical size



8 CONNECTION PRINCIPLE DIAGRAM



Structure chart

- ①: Main Power Indication
- ②: Automatic and manual control
- ③: Emergency Power Indication
- ④: Main Power closing Indication
- ⑤: External terminal
- ⑥: Manual switching control knob
- ⑦: Emergency Power closing Indication