



Automatic Transfer Switch Operation Instruction



Suggest send the instruction to final user

2013-02

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

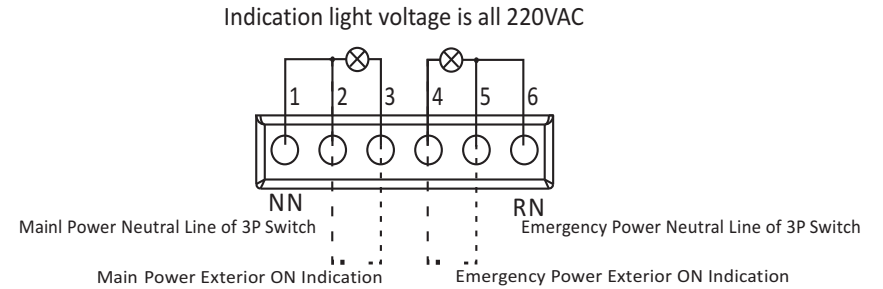
This series automatic transfer switch, which applies to the AC rated voltage not exceeding 415V, rated frequency 50/60HZ, rated current 63A and below, double-power switching power Supply system. To ensure that medical Hospitals, shopping centers, banks, fire, communications, High rise buildings and other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

3 FUNTION CHARACTER

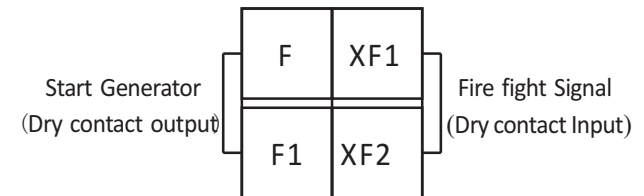
- 3.1. The product structure is simple, practical and convenient operation, long life.
- 3.2. Have the function of breaking capacity and features.
- 3.3. This product has a chain of electrical and mechanical interlock to ensure that the two Power supply can not supply at the same time.
- 3.4. Self-input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

10 External terminal use

■ Product Terminal Connection

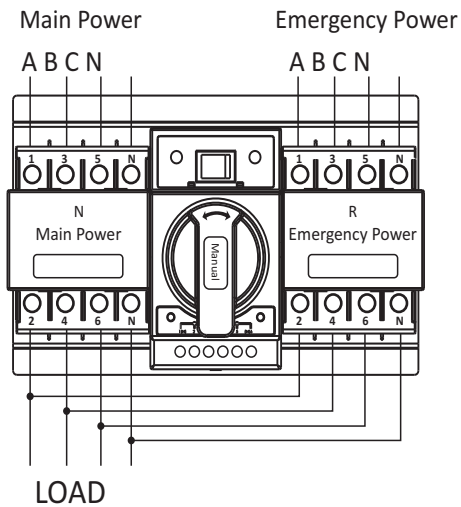


■ Fire fight and Start Generator Connection

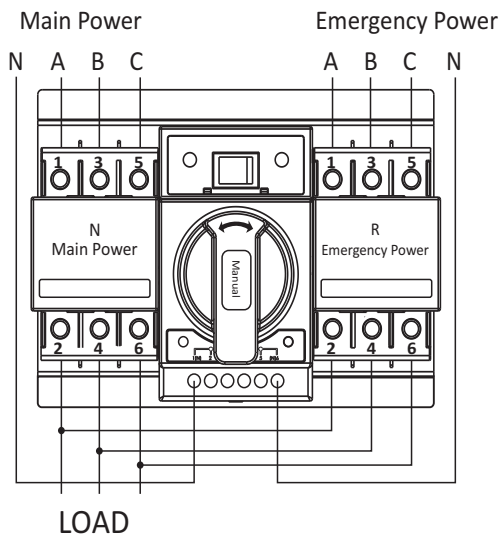


9 CONNECTION PRINCIPLE DIAGRAM

4Pole switch wiring diagram



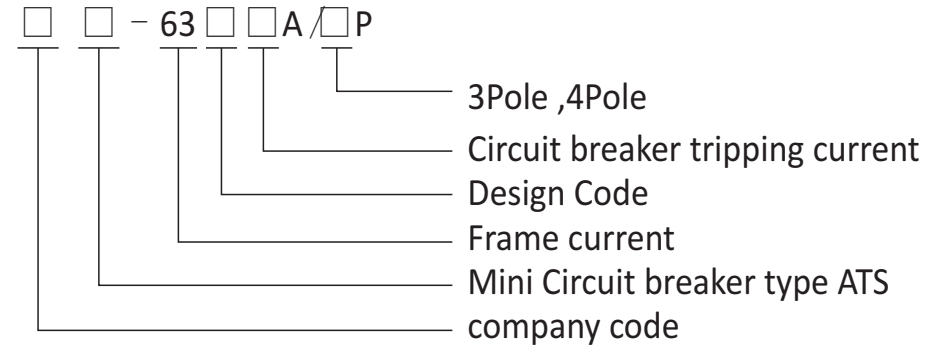
3Pole switch wiring diagram



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

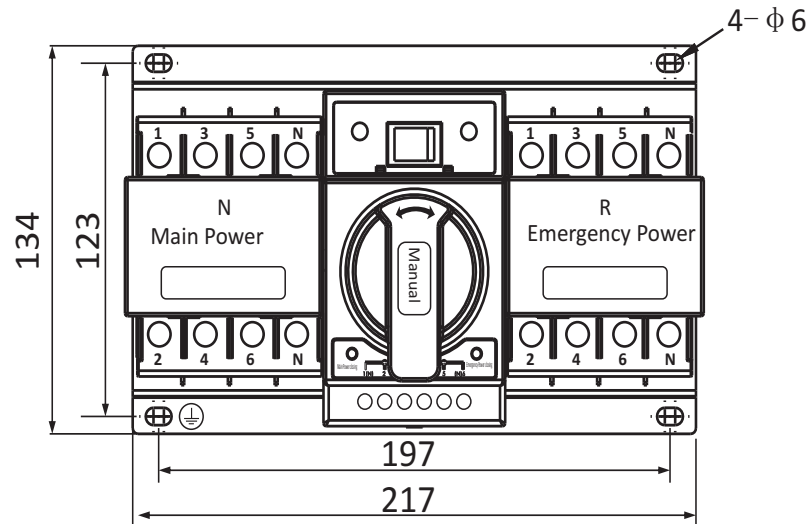


6 SPECIFICATION AND PARAMETER

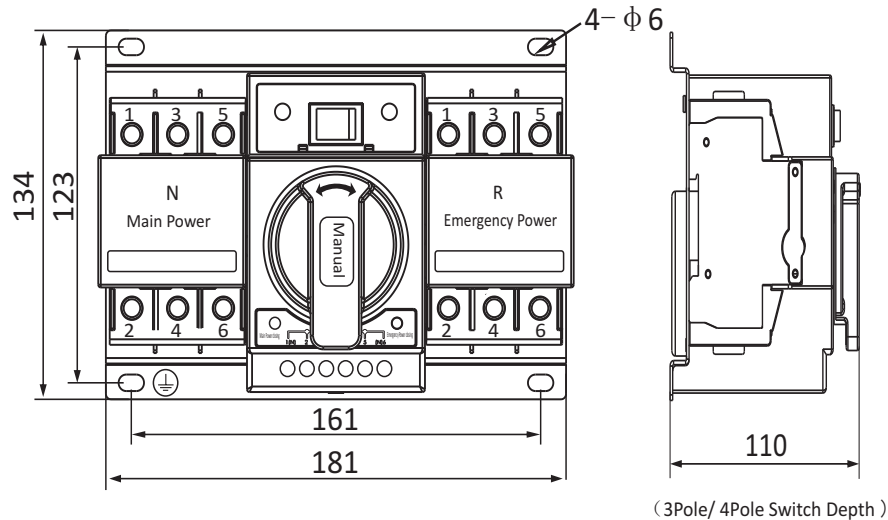
Poles	Rated Voltage Ue(V)AC	Rated Current In(A)	Rated Frequency (Hz)	Control Voltage (V)	changeover time	Mechanism Life (Times)
3P	380V	6, 10, 16, 20, 25, 32, 40, 50, 63	50/60	220V	1.5~3s	10000
4P						

7 OVERALL AND INSTALLATION DIMENSIONS

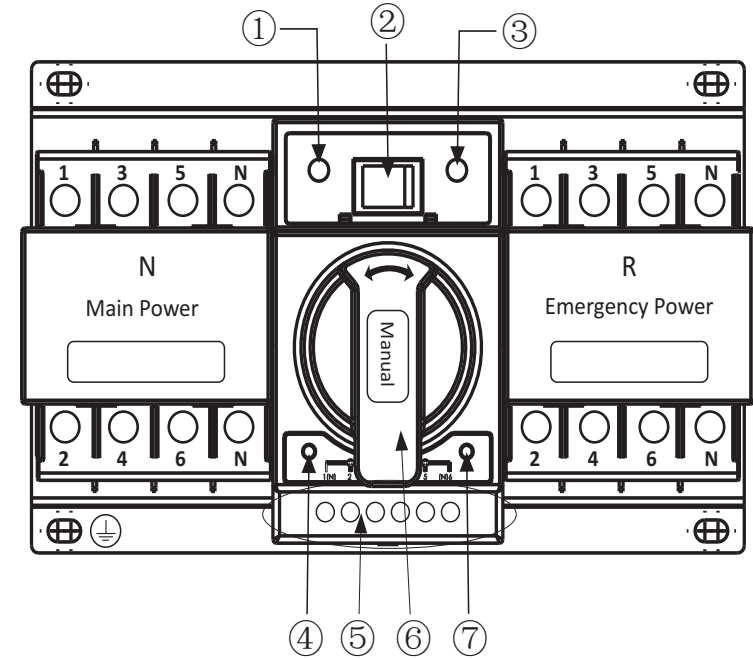
Four pole switch physical size



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