

## Type of Meanings

S

Shanghai  
Xinchi  
Electric

Q

automatic transfer  
switch

5

Suntree

W

Automatic  
transfer switch

□

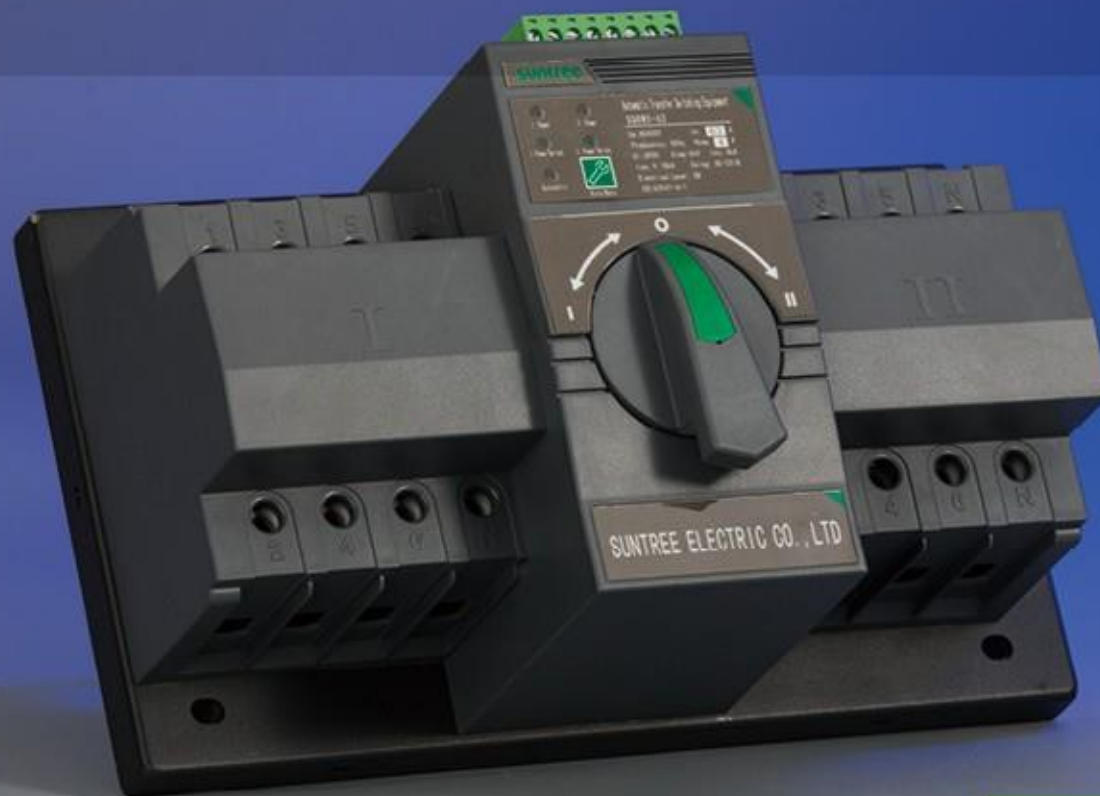
Frame Current I=63A  
W:Mini Type

□

Rated Current

□

2:2pole 3:3pole  
4:4pole



# SQ5W

Automatic Transfer Switch

## overview

The SQ5W series dual power automatic transfer switch is controlled by a microprocessor. The device used for switching between the grid power and the grid power or the grid power and the generator power source in the grid system can continuously supply power. When the common power suddenly fails or the power is cut off, the dual power switch is automatically put into the standby power supply to make the device still operate normally.

This switch complies with the following national GB/T 14048.11 "Automatic Transfer Switching Apparatus" standard: The operating mechanism should have reliable electrical and mechanical interlocking to prevent simultaneous switching of the common power supply and the standby power supply.

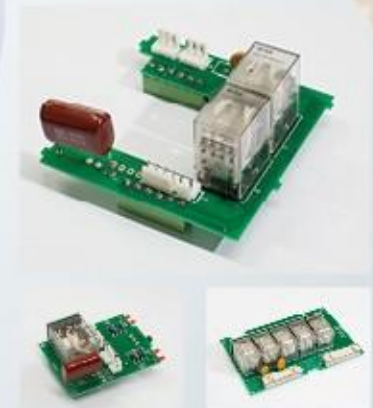
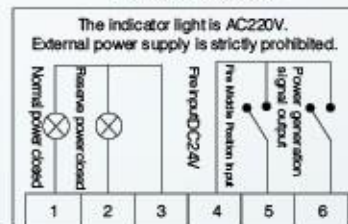
## Working conditions and installation conditions

Ambient air humidity	The upper limit is +40°C, the lower limit is -5°C, and the average situation does not exceed +35°C within 24 hours.
altitude	The altitude of the installation site does not exceed 2000m
Atmospheric conditions	When the maximum temperature is +40°C, the relative humidity of the air does not exceed 50%. At lower temperatures, higher relative humidity can be allowed, for example, 90% at 20C. Condensation due to temperature changes should be taken. Special measures,
Pollution level	Level 3
Electrical level	CB Type

(basic type) terminal wiring principle



Fire type, power generation type  
Terminal wiring principle



## Structure and performance

### structure

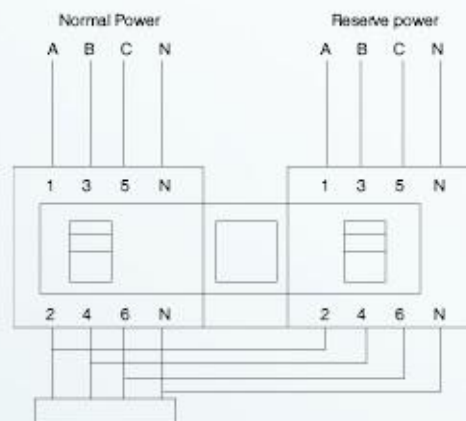
The SQ5W-63 automatic transfer switch electric appliance is independently developed by Shanghai New Supreme Gas. The SCB2 series miniature circuit breaker is used as the execution conversion circuit breaker. The single machine operation mechanism and control circuit are all installed on the same block bottom plate. The control power supply voltage of the automatic transfer switch appliance is AC230V. The mechanical life is 10,000 times.

### performance

SQ5W-63 automatic controller (only self-returnable) The phase voltage (automatic control power supply) of two power supplies (referred to as common electric wave phase backup power supply) is detected at the same time. When the common power supply is abnormal, that is, the miniature circuit breaker When the phase A loses pressure or lacks phase, the automatic controller makes the device switch to the standby power supply without delay; when the common power supply returns to normal, the automatic controller makes the device return to the normal power supply without delay. The two power supplies are abnormal at the same time.

Note: You need to connect the button to the manual position for manual operation.

## Switching device main circuit wiring diagram point



Dimension

