

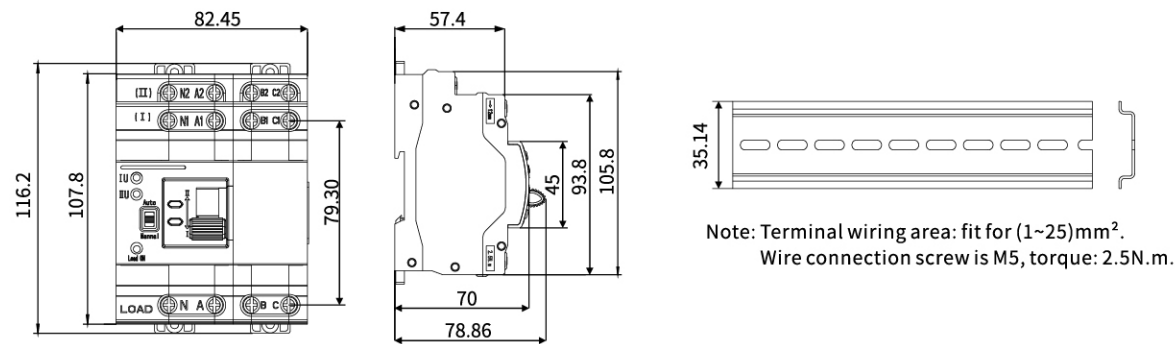
MODEL AND SIGNIFICANCE

S	Q	8	-	63	/	□	□
Company code	Din-rail installation	Product Category: (PC class automatic transfer switch (two stations))		Case grade: 63		Pole No.: 2P/4P	Rated working voltage: AC220V· AC110V Rated working current: 6A/10A/16A/20A/25A/32A/40A 50A/63A

PRODUCT OVERVIEW

- Maintenance and inspection should be carried out by professionals.
- In order to ensure the good performance of the ATS, the first maintenance and inspection should be carried out within 6 months after use. Then do the maintenance and inspection at least once a year. In harsh installation conditions, the frequency of maintenance and inspection should be increased.
- If the maintenance and inspection items fail, please remove the dust. b: Please check whether the electrical contact parts are deformed and damaged, and clean the surface. c: metal particles and burnt around it.
- Rust, acidification and dust on the contact surfaces can cause poor contact, so do some manual work and measure the necessary contact resistance. d: If the ATS is wet or left unused for a long time, please dry it before turning on the power. After removing the dust, use a 500V megohmmeter to measure the insulation resistance of the normal power supply and the AC power supply.
- The load side and two poles, including the insulation resistance, when using live parts and metal plates, the insulation resistance should not be less than 10MQ.

DIMENSIONS (mm)



Automatic transfer switch

● SQ8T-63



ELECTRICAL PARAMETERS

Case grade	63	
Rated operating current Ie(A)	6A/10A/16A/20A/25A/32A/40A/50A/63A	
Rated insulation voltage UL	690V	
Rated impulse withstand voltage Uimp	8kV	
Rated working voltage Ue	AC220V/AC110V	
Rated frequency	50/60Hz	
Class	PC class: can be switched on and loaded without generating short-circuit current	
Pole number	2P	4P
Rated short-circuit current Iq	50kA	
Short circuit protection device (fuse)	RT16-00-63A	
Rated impulse withstand voltage	8kV	
Control circuit	Rated control voltage Us: AC220V, 50Hz Normal working conditions: 85%Us-110%Us	
Auxiliary circuit	AC220V/110V 50Hz Le=5A	
Contact change-over time	<50ms	
Operation change-over time	<50ms	
Return change-over time	<50ms	
Power off time	<50ms	
Change-over operation time	<50ms	
Mechanical life	≥8000times	
Electrical life	≥1500 times	
Usage category	AC-31B	

INSTALLATION

Before installation and wiring, please ensure that professionals have read this manual. Before installation, please check the integrity of ATS. Then turn on the ATS with the operating handle, check the flexibility of the operating mechanism, and check the opening and closing status of each phase and normal power and backup power loads. Please equip the ATS with suitable circuit breakers according to the installation requirements of the power distribution system to ensure that personnel and equipment safety.

