

Distribution Apparatus

YCQR-63 Automatic Transfer Switch



General

YCQR-63 automatic transfer switch is a PC class infrequent change-over switch, with two-station design (commonly used for A and standby for B), suitable for AC systems with AC 50-60Hz and rated current 6A-63A. The main function of the automatic transfer switch is when the main power (common power supply A) fails, the ATS will automatically switch to the backup power (Backup power supply B) to continue working (switching speed <50 milliseconds), which can effectively solve the troubles caused by power outages.

Selection

YCQR Model	63 Shell Frame	2P Poles	6A Current	AC220V Voltage
Din-rail installation Automatic transfer switch	63	2P,4P	6A	AC220V AC110V
			10A	
			16A	
			20A	
			25A	
			32A	
			40A	
			50A	
			63A	

Technical data

Model	YCQR-63	
Rated current of shell frame grade	63	
Rated operating current Ie(A)	6A/10A/16A/20A/25A/32A/40A/50A/63A	
Rated insulation voltage UI	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 50 Hz Ie=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	≥8000 times	
Electrical life	≥1500 times	
Usage category	AC-31B	

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Overall and mounting dimensions

