YRQ4PC-63N SERIES

UninterruptedDual Power Automatic Transfer Switch



CE

Application

YRQ4PC-63N series uninterrupted dual power 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 6-63A.

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 <30 millisoconds), which can effectively solve the troubles caused by power outages.

Product Performance

Main Parameters	
Case grade	63A
Rated operating current Ie(A)	6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A
Rated insulation voltage Ui	690V
Rderd impulse withstand voltage Uimp	8kV
Rated working voltage Ue	AC220/AC110V
Rated frequency	50/60Hz
Class	PC class: can be switched on an 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 Ie=5A
Contactor change-over time	30ms
Operation change-over time	30ms
Return change-over time	30ms

Main Parameters	
Power off time	30ms
Change-over operation time	30ms
Mechanical life	5000 Times
Electrical life	1500 Times
Usage category	AC-31B

Dimensions

Unit: mm



