

Product datasheet

Specifications

Automatic Transfer Switches

PC type 1600A 4P 690V

BA16HPC4M



Standard	IEC/EN 60947-6-1 / IEC 60664-1	
Model	BA16HPC	
Rated operational current, I _n	1600A	
Number of poles	4	
Rated frequency	50/60Hz	
Rated Operational Voltage, U _e	AC690V, DC240V	
Rated Insulation Voltage, U _i	1000V	
Impulse Withstand Voltage, U _{imp}	12kV	
Utilization Category	AC-33B	
Switching frequency	20 times/h	
Switching sequence	A ↔ OFF ↔ B (ON-OFF-ON)	
Operating Time	Making 'A' Power	≤ 150ms
	Breaking "A" Power	≤ 110ms
	Making 'B' Power	≤ 160ms
	Breaking "B" Power	≤ 110ms
Rated short-time withstand current, I _{cw}	35kA	
Rated short-circuit making capacity, I _{cm}	73.5kA	
Operating Voltage & Current	DC 110/125V	50A
	AC 100/115V	50A
	AC 200/240V	40A
	Trip Coil	8A
Control voltage	85 ~ 110% Rated operating voltage	
Withstand Voltage for Main circuit	4000V/60s	
Withstand Voltage for Control circuit	2000V/60s	
Life time	Electric	5000 times
	Mechanic	10000 times
Weight	72.5kg	
Dimension (W x L x H)	506x476x381mm	

