

Product datasheet

Specifications

Automatic Transfer Switches

NY type 100A 2P 500V with controller

BA100NY2M



Standard	IEC/EN 60947-6-1 / IEC 60664-1	
Model	BA100NY	
Rated operational current, I _n	100A	
Number of poles	2	
Rated frequency	50/60Hz	
Rated Operational Voltage, U _e	AC500V, DC125V	
Rated Insulation Voltage, U _i	690V	
Impulse Withstand Voltage, U _{imp}	8kV	
Utilization Category	AC-33iB	
Switching frequency	60 times/h	
Switching sequence	A ↔ B (ON-ON)	
Operating Time	Change-over Time	≤ 140ms
	Opening Time	≤ 55ms
	Contact Transfer Time	≤ 85ms
Rated short-time withstand current, I _{cw}	10kA	
Rated short-circuit making capacity, I _{cm}	17kA	
Operating Voltage & Current	DC 110/125V	12A
	AC 100/115V	12A
	AC 200/240V	6A
Control voltage	85 ~ 110% Rated operating voltage	
Withstand Voltage for Main circuit	2500V/60s	
Withstand Voltage for Control circuit	1500V/60s	
Life time	Electric	35000 times
	Mechanic	180000 times
Weight	5.6kg	
Dimension (W x L x H)	213.5x215x195mm	

