

Product datasheet

Specifications

Automatic Transfer Switches

NY type 100A 3P 500V with controller

BA100NY3M



Standard	IEC/EN 60947-6-1 / IEC 60664-1	
Model	BA100NY	
Rated operational current, In	100A	
Number of poles	3	
Rated frequency	50/60Hz	
Rated Operational Voltage, Ue	AC500V, DC125V	
Rated Insulation Voltage, Ui	690V	
Impulse Withstand Voltage, Uimp	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, Icw	10kA	
Rated short-circuit making capacity, Icm	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	6.6kg	
Dimension (W x L x H)	243.5x215x195mm	

