

Product datasheet

Specifications

Automatic Transfer Switches

TY type 100A 4P 500V with controller

BA100TY4M



Standard	IEC/EN 60947-6-1 / IEC 60664-1	
Model	BA100TY	
Rated operational current, I _n	100A	
Number of poles	4	
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 ↔ OFF ↔ B (ON-OFF-ON)	
Operating Time	Making ‘A’ Power	≤ 70ms
	Breaking “A” Power	≤ 25ms
	Making ‘B’ Power	≤ 85ms
	Breaking “B” Power	≤ 25ms
Rated short-time withstand current, I _{cw}	10kA	
Rated short-circuit making capacity, I _{cm}	17kA	
Operating Voltage & Current	DC 110/125V	6A
	AC 100/115V	6A
	AC 200/240V	4A
	Trip Coil	3A
Control voltage	85 ~ 110% Rated operating voltage	
Withstand Voltage for Main circuit	2500V/60s	
Withstand Voltage for Control circuit	1500V/60s	
Life time	Electric	5000 times
	Mechanic	10000 times
Weight	7.6kg	
Dimension (W x L x H)	273.5x215x195mm	

