

# Product datasheet

## Specifications

### Automatic Transfer Switches

#### TN type 400A 4P 500V

BA400TN4M



Standard	IEC/EN 60947-6-1 / IEC 60664-1	
Model	BA400TN	
Rated operational current, I <sub>n</sub>	400A	
Number of poles	4	
Rated frequency	50/60Hz	
Rated Operational Voltage, U <sub>e</sub>	AC500V, DC125V	
Rated Insulation Voltage, U <sub>i</sub>	690V	
Impulse Withstand Voltage, U <sub>imp</sub>	8kV	
Utilization Category	AC-33iB	
Switching frequency	60 times/h	
Switching sequence	A ↔ OFF ↔ B (ON-OFF-ON)	
Operating Time	Making ‘A’ Power	≤ 85ms
	Breaking “A” Power	≤ 30ms
	Making ‘B’ Power	≤ 100ms
	Breaking “B” Power	≤ 30ms
Rated short-time withstand current, I <sub>cw</sub>	12kA	
Rated short-circuit making capacity, I <sub>cm</sub>	30kA	
Operating Voltage & Current	DC 110/125V	8A
	AC 100/115V	8A
	AC 200/240V	5A
	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	18kg	
Dimension (W x L x H)	415.5x222x289mm	

