

Main Technical Parameters

Table 1 - Use category and relevance

Use category	Typical use
AC-7a	Household appliances and other low-inductive loads with similar use
AC-7b	Household motor load

Table 2 - Basic parameters of a contactor

Parameter			Specification					
			16	20	25	40	63	100
Rated Current In(A)	AC-7a		16	20	25	40	63	100
	AC-7b		6	7	8.5	15	20	30
Conventional Free Air Thermal Current Ith(A)			25	25	25	63	63	100
Rated Insulation Voltage Ui(V)			500					
Rated Voltage Ue(V)			250V(2P) 400V(4P)					
Ambient Temperature			-5℃~40℃					
Making and Breaking Capacity(AC-7a)			1. 5le					
Main Contacts		2P	1NO1NC、2NO、2NC					
		4P	2NO2NC、3NO1NC、4NO、4NC					
Controlled power	AC-7a	230V	3.5	4.5	5.5	9	14	22
		400V	6.5	8	10	16	25	38
	AC-7b	230V	1.4	1.6	2	3.5	4.5	6.5
		400V	2.4	2.8	3.4	6	8	11
Electrical durability(times)			10×10 ⁴					
Mechanical durability(times)			100×10 ⁴					
Operation frequency /1h			100					
Coil Voltage Us(V)			AC 230V 50/60Hz					
Wiring Ability (mm2)	Control circuit	Rigid wire	1.5~2.5 mm ²			2×1.5mm ²		
		Flexible wire	1.5~2.5 mm ²			2×2.5mm ²		
	Main circuit	Rigid wire	1.5~6mm ²			6~25mm ²		
		Flexible wire	1~4mm ²			6~16mm ²		
Fastening torque (N•m)	Main circuit terminal		0.8			3.5		
	Control circuit terminal		0.8					