

AA04 Series AC contactor

APPLICATION

AA04 household AC contactor is mainly used in the circuit of AC 50 (60)HZ, rated voltage is up to 230V, and rated current is up to 20A, and it is to control the low-induction and micro-induction load of household electrical appliances or etc. It also can be used to control the household motor load (on this occasion, the control power should be below correspondingly).



► TECHNICAL PARAM

Types of contactor and relevant data (see table1)

Type	Rated insulation voltage(V)	Rated Working Voltage(V)	Conventional Thermal Current(A)	Rated Working Current(A)	Control Power (KW)
AC1、ACTa、ACTb	500	230V	63	63\25A	13\3.8
AC1、ACTa、ACTb	500	230V	40	40\15	8.4\2.4
AC1、ACTa、ACTb	500	230V	32	32\12	6.5\1.9
AC1、ACTa、ACTb	500	230V	25	25\8.5	5.4\1.5
AC1、ACTa、ACTb	500	230V	20	20\7	4\1.2

► Operating Condition

Under the environmental temperature of -5°C ~ $+405^{\circ}\text{C}$, puts rated controlling power voltage (U_s) on the coil of contactor so as to make it heat to ready state, and the contactor will close under any voltage in the range of 85°C ~ 110% . The voltage it releasing will neither higher than 75% . U_s nor lower than 20% (U_s)

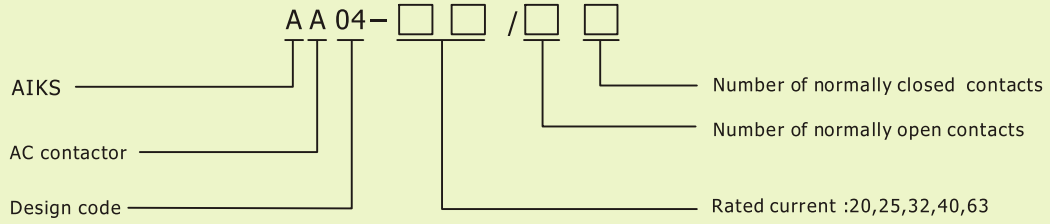
Switching on and segmenting ability(see table2)

Type	Switching on segmenting condition			Pick-up time(S)	Interval(S)	Operation frequency
AC-1,AC-7a	1.5	1.05	0.8	0.05	10	50
AC-7b	8	1.05	0.45	0.05	10	50

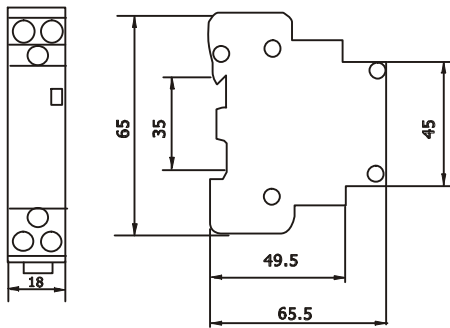
Operation performance(see table 3)

Type	On condition			Segment condition			Pick-up time(S)	Interval(S)	Operation frequency
AC-1	1.0	1.05	0.8	1.0	1.05	0.8	0.05	10	6000
AC-7a	1.0	1.05	0.8	1.0	1.05	0.8	0.05	10	30000
AC-7b	6.0	1.0	0.45	1.0	0.17	0.45	0.05	10	30000

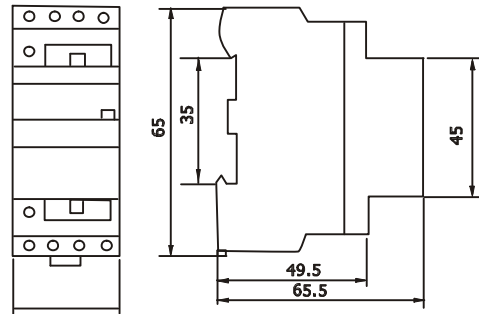
► MODEL DESCRIPTION



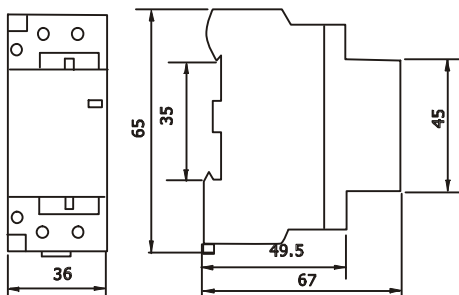
► OUTLINE DIMENSIONS, PC BOARD LAYOUT Unit: mm



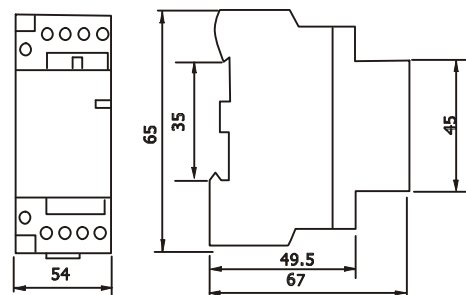
AA04-□□/10, 20 (16A-25A)



AA04-□□/30, 40 (16A-25A)



AA04-□□/10, 20 (32A-63A)



AA04-□□/30, 40 (32A-63A)