

ALC1-D Series AC Contactor

Application

ALC1-D series AC Contactor is suitable for using in the circuits up to the rated voltage 660V AC 50Hz or 60Hz, rated current up to 95A, for making, breaking, frequently starting & controlling the AC motor. Combined with the auxiliary contact block, timer delay & machine-interlocking device etc, it becomes the delay contactor, mechanical interlocking contactor, star-delta starter. With the thermal relay, it is combined into the electromagnetic starter. The products comply with IEC60947-4.

Specification



ALC1-D09
ALC1-D12



A.C1-D18



ALC1-D25
ALC1-D32



ALC1-D40
ALC1-D65



ALC1-D80
ALC1-D95

Type		ALC1-D09	ALC1-D12	ALC1-D18	ALC1-D25	ALC1-D32
Rated working current(A)	AC3	9	12	18	25	32
	AC4	3.5	5	7.7	8.5	12
Standard power ratings of 3-phase motors 50/60Hz in category AC-3	220/230V	2.2	3	4	5.5	7.5
	380/400V	4	5.5	7.5	11	15
	415V	4	5.5	9	11	15
	500V	5.5	7.5	10	15	18.5
	660/690V	5.5	7.5	10	15	18.5
Rated heat current (A)		20	20	32	40	50
Electrical life	AC3 ($\times 10^4$)	100	100	100	100	80
	AC4 ($\times 10^4$)	20	20	20	20	20
Mechanical life ($\times 10^4$)		1000	1000	1000	1000	800
Number of the contacts		3P+NO				
		3P+NC				

Type		ALC1-D40	ALC1-D65	ALC1-D80	ALC1-D95
Rated working current(A)	AC3	40	65	80	95
	AC4	18.5	28	37	44
Standard power ratings of 3-phase motors 50/60Hz in category AC-3	220/230V	11	18.5	22	25
	380/400V	18.5	30	37	45
	415V	22	37	45	45
	500V	22	37	55	55
	660/690V	30	37	45	55
Rated heat current (A)		60	80	125	125
Electrical life	AC3 ($\times 10^4$)	80	60	60	60
	AC4 ($\times 10^4$)	15	15	10	10
Mechanical life ($\times 10^4$)		800	800	600	600
Number of the contacts		3P+NC+NO			

Standard control circuit voltages

Volts	24	42	48	110	220	230	240	380	400	415	440	500	660
50Hz	B5	D5	E5	F5	M5	P5	U5	Q5	V5	N5	R5	S5	Y5
60Hz	B6	D6	E6	F6	M6	-	U6	Q6	-	-	R6	-	-
50/60Hz	B7	D7	E7	F7	M7	P7	U7	Q7	V7	N7	R7	-	-