

AC Contactors LC1D

Application: LC1D series contactors are suitable for using in the circuits with rated voltage up to 660V, AC50/60Hz, current up to 95A, for making, breaking, frequently starting and controlling AC motors, combined with auxiliary contact blocks, time delaying blocks, and mechanical interlocking devices etc, they will become delaying contactors, mechanical interlocking contactors, star-delta starter.

Technical Data

Type	LC1D09	LC1D12	LC1D18	LC1D25	LC1D32	LC1D40	LC1D50	LC1D65	LC1D80	LC1D95			
Rated insulation voltage, Ui V	690												
Rated thermal current, Ith A	20	20	32	40	50	60	80	80	95	95			
Rated operational current, Ie	AC-3, 380VA	9	12	18	25	32	40	50	65	80	95		
	AC-3, 660VA	6.6	8.9	12	18	21	34	39	42	49	55		
	AC-4, 380VA	3.5	5	7.7	8.5	12	18.5	24	28	37	41		
	AC-4, 660VA	1.5	2	3.8	4.4	7.5	9	12	14	17.3	21.3		
Maximum power of 3 phase motor controlled	AC-3, 220V kW	2.2	3	4	5.5	7.5	11	15	18.5	22	25		
	AC-3, 380V kW	4	5.5	7.5	11	15	18.5	22	30	37	45		
	AC-3, 660V kW	5.5	7.5	10	15	18.5	30	33	37	45	55		
Mechanical life	10000t				1000				800				
Electrical life	AC-3	10000t				100				80			
	AC-4	10000t				20				15			
Operation frequency	AC-3	t/h				1200				600			
	AC-4	t/h				600				300			
Wiring capacity	mm ²												
Control power voltage, Us	AC				36, 110, 127, 220, 380V								
Allowed control voltage	Operation	85% to 110% Us											
	Drop-out	20% to 75% Us											
Coil voltage of contactors and codes													
Coil voltage	24	36	42	48	110	220	230	240	380	400	415	440	
50Hz	B5	C5	D5	E5	F5	M5	P5	U5	Q5	V5	N5	R5	
60Hz	B6	C6	D6	E6	F6	M6	P6	U6	Q6	V6	N6	R6	
50/60Hz	B7	C7	D7	E7	F7	M7	P7	U7	Q7	V7	N7	R7	



LC1D09-18



LC1D25-32



LC1D40-65



LC1D80-95

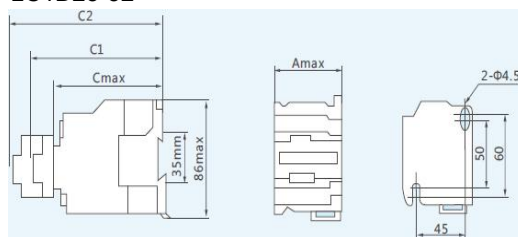
Dimensions, mm

LC1D09-18

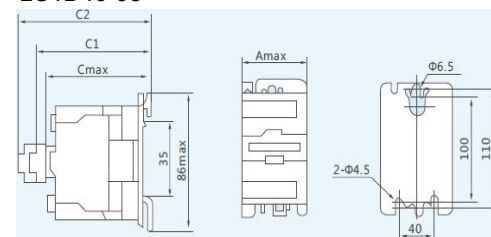


Type	Amax	Cmax	C1	C2
LC1D09-12	47	82	115	134
LC1D18	47	87	120	139
LC1D25	59	97	130	149
LC1D32	59	102	135	154
LC1D40-65	79	116	149	168
LC1D80-95	87	127	160	179

LC1D25-32



LC1D40-95



Contact Blocks LA1D and Time-Delaying Blocks LA2D



Specifications	NO	NC
LA1DN20	2	0
LA1DN11	1	1
LA1DN02	0	2
LA1DN40	4	0
LA1DN31	3	1
LA1DN22	2	2
LA1DN13	1	3
LA1DN04	0	4



Specifications	Range	Contacts
LA2DT0	0.1-0.3S	NO+NC
LA2DT2	0.1-30S	NO+NC
LA2DT4	10-180S	NO+NC
LA3DR0	0.1-0.3S	NO+NC
LA3DR2	0.1-30S	NO+NC
LA3DR4	10-180S	NO+NC