

LC1-D Series AC Contactor



LC1-D09
LC1-D12



LC1-D18



LC1-D25
LC1-D32



LC1-D40
LC1-D65



LC1-D80
LC1-D95

Application

LC1-D series AC Contactor is suitable for using in the circuits up to the rated voltage 660VAC 50Hz or 60Hz, rated current up to 620A, 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 product conforms to IEC60947-4-1 standard.

Specification

Type		LC1									
		D09	D12	D18	D25	D32	D40	D50	D65	D80	D95
Rated working current(A)	AC3	9	12	18	25	32	40	50	65	80	95
	AC4	3.5	5	7.7	8.5	12	18.5	24	28	37	44
Standard power ratings of 3-phase motors 50/60Hz in category AC-3	220/230V	2.2	3	4	5.5	7.5	11	15	18.5	22	25
	380/400V	4	5.5	7.5	11	15	18.5	22	30	37	45
	415V	4	5.5	9	11	15	22	25	37	45	45
	500V	5.5	7.5	10	15	18.5	22	30	37	55	55
	660/690V	5.5	7.5	10	15	18.5	30	33	37	45	55
Rated heat current (A)		20	20	32	40	50	60	80	80	125	125
Electrical life	AC3 ($\times 10^4$)	100	100	100	100	80	80	60	60	60	60
	AC4 ($\times 10^4$)	20	20	20	20	20	15	15	15	10	10
Mechanical life ($\times 10^4$)		1000	1000	1000	1000	800	800	800	800	600	600
Number of the contacts		3P+NO					3P+NC+NO				
		3P+NC									

Type		LC1								
		D115	D150	D170	D205	D245	D300	D410	D475	D620
Rated working current(A)	AC3	115	150	170	205	245	300	410	475	620
	AC4	52	60	75	85	105	117	138	147	180
Standard power ratings of 3-phase motors 50/60Hz in category AC-3	220/230V	30	40	55	63	75	100	110	147	200
	380/400V	55	75	90	110	132	160	220	265	335
	415V	59	80	100	110	132	180	220	280	375
	500V	75	90	110	129	160	200	250	355	400
	660/690V	80	100	110	129	160	220	280	355	450
Rated heat current (A)		200	250	250	275	315	400	500	700	1000
Electrical life	AC3 ($\times 10^4$)	200	60	60	50	50	50	30	30	20
	AC4 ($\times 10^4$)	15	15	15	15	15	15	8	8	5
Mechanical life ($\times 10^4$)		300	300	300	300	300	300	100	100	100

Standard control circuit voltage

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	-	-