

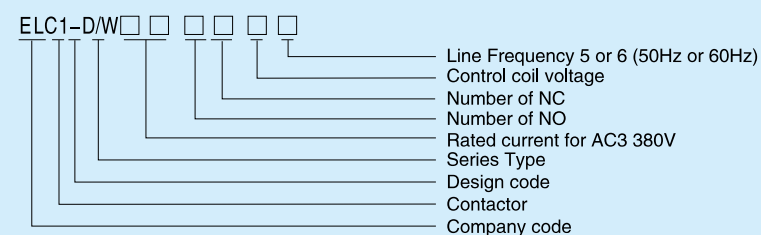


ELC1-D/W Series AC Contactor

Application

ELC1-D/W series AC Contactor is suitable for using in the circuits up to the rated voltage 660V AC 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 contactor is produced according to IEC/EN60947-4, VDE0660 & BS5452.

Type Designation



AC Contactor

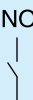
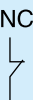
Specifications

	Type	220V 230V KW	380V 400V KW	660V 690V KW	200V 440V HP	240V 500V HP	460V HP	600V HP	AC-3 440V	NO }	NC }
	ELC1-D0910/W	2.2	4	4	4	5.5	5.5	—	9	1	—
	ELC1-D0901/W									—	1
	ELC1-D1210/W	3	5.5	5.5	5.5	7.5	7.5	—	12	1	—
	ELC1-D1201/W									—	1
	ELC1-D1810/W	4	7.5	9	9	10	10	—	18	1	—
	ELC1-D1801/W									—	1
	ELC1-D2510/W	5.5	11	11	11	15	15	—	25	1	—
	ELC1-D2501/W									—	1
	ELC1-D3210/W	7.5	15	15	15	18.5	18.5	—	32	1	—
	ELC1-D3201/W									—	1
	Items	Model			D09	D12	D18	D25	D32		
	Rated conventional heating current(A)AC-1				20	20	32	40	50		
	Rated insulation voltage(V)				690	690	690	690	690		
	Electric	AC-3	1,200	1,200	1,200	1,200	600				
	Operating frequency (operations/h)	life	AC-4	300	300	300	300	300			
	Mechanical life				3,600	3,600	3,600	3,600	3,600		
	Electric life (x 10 ³ operations)	AC-3	1,000	1,000	1,000	1,000	800				
		AC-4	200	200	200	200	200				
	Mechanical life (x 10 ⁶ operations)				10	10	10	10	8		
	Matched fuse type				RT16-20	RT16-20	RT16-32	RT16-40	RT16-50		

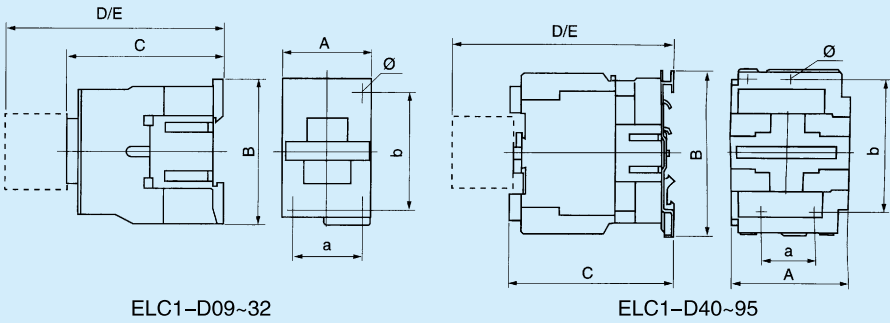
AC Contactor

Specifications



Type	220V 230V KW	380V 400V KW	660V 690V KW	200V 440V HP	240V 500V HP	460V HP	600V HP	AC-3 440V	NO 	NC 
ELC1-D4011/W11		18.5	22	22	22	22	22	40	1	1
ELC1-D5011/W15		22	25	30	30	30	30	50	1	1
ELC1-D6511/W18.5		30	37	37	37	37	37	65	1	1
ELC1-D8011/W22		37	45	45	55	45	45	80	1	1
ELC1-D9511/W25		45	45	45	55	45	45	95	1	1

Items	Model	D40	D50	D65	D80	D95
Rated conventional heating current(A)AC-1		60	80	80	95	95
Rated insulation voltage(V)		690	690	690	690	690
Electric AC-3		600	600	600	600	600
Operating frequency life (operations/h)	AC-4	300	300	300	300	300
Mechanical life		3,600	3,600	3,600	3,600	3,600
Electric life (x 10 ³ operations)	AC-3	800	600	600	600	600
	AC-4	150	150	150	100	100
Mechanical life (x ⁶ 10 operations)		8	8	8	8	8
Matched fuse type		RT16-63	RT16-80	RT16-80	RT16-100	RT16-125



Type	A	B	C	D	E	a	b	φ
ELC1-D09~12	47	76	82	113	133	34/35	50/60	4.5
ELC1-D18	47	76	87	118	138	34/35	50/60	4.5
ELC1-D25	57	86	95	126	146	40	48	4.5
ELC1-D32	57	86	100	131	151	40	48	4.5
ELC1-D40~65	77	129	116	145	165	40	100/110	6.5
ELC1-D80~95	87	129	127	175	195	40	100/110	6.5