

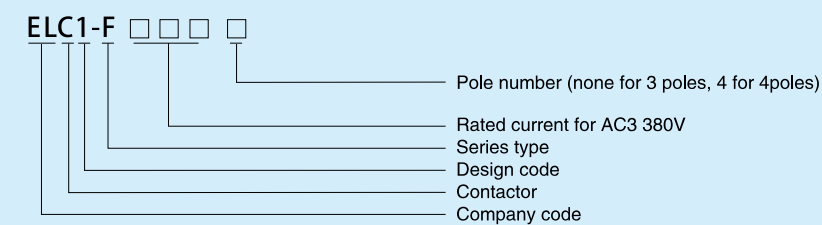


ELC1-F Series AC Contactor

Application

ELC1-F series AC Contactor is applicable to the circuits up to the rated voltage 1000VAC 50Hz or 60Hz, rated current up to 780A. It can be used for long distance breaking circuit and frequently starting or controlling the motor. It also can be used for the control of distribution circuits of rated current from 200A to 1600A.

Type Designation



AC Contactor

Specifications



Type	Conventional resistive current(A)	Rated current (A)			Maximum power of controlled AC-3 squirrel motor(kW)		
		380V	660V	1000V	380V	660V	1000V
ELC1-F115	200	115	65	40	55	80	65
ELC1-F150	200	150	80	50	75	100	65
ELC1-F185	275	185	95	65	90	110	100
ELC1-F225	275	225	115	80	110	129	100
ELC1-F265	315	265	150	95	132	160	147
ELC1-F330	380	330	185	115	160	220	160
ELC1-F400	450	400	225	150	200	280	185
ELC1-F500	630	500	265	185	250	335	335
ELC1-F630	800	630	330	225	335	450	450
ELC1-F780	1000	780			400	475	475

Type	Mechanical endurance		AC-3 Electrical endurance		Back up fuse(SCPD)	
	Operating frequency h-1	TimesX10 ⁴	Operating frequency	TimesX10 ⁴	Specification	Rated current
ELC1-F115	12w	1000	12w	120	RT16-2	250
ELC1-F150					RT16-2	355
ELC1-F185	6w	600	6w	60	RT16-3	425
ELC1-F225					RT16-3	500
ELC1-F265					RT16-3	630
ELC1-F330					RT16-4	800
ELC1-F400	600				RT16-4	800
ELC1-F500					RT16-4	1000
ELC1-F630					RT16	1250 ²

1)Electrical endurance data for control of AC-4 is available if required.
2)Special order.

AC Contactor

Specifications



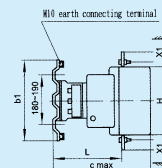
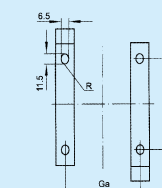
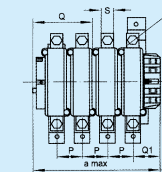
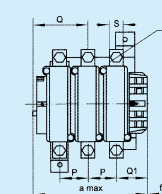
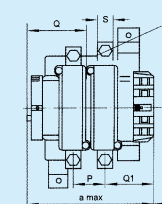
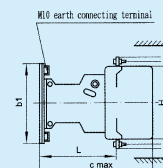
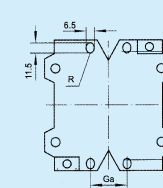
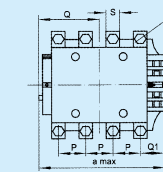
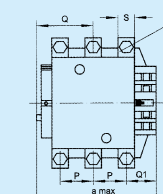
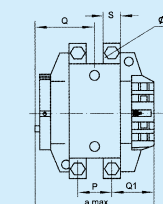
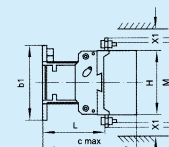
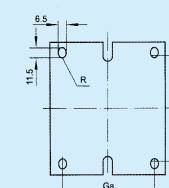
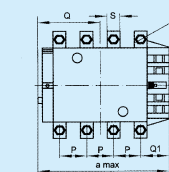
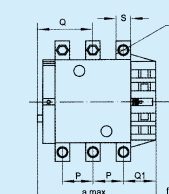
Type	Conventional resistive current(A)	230V [kw]	400V [kw]	660V [kw]	1000V [kw]
ELC1-F 115 4P. /... .	200	80	135	230	340
ELC1-F 150 4P. /... .	200	80	135	230	340
ELC1-F 185 4P. /... .	275	90	165	270	400
ELC1-F 225 4P. /... .	275	100	170	290	430
ELC1-F 265 4P. /... .	315	120	205	360	530
ELC1-F 330 4P. /... .	380	140	250	390	620
ELC1-F 400 4P. /... .	450	170	300	520	750
ELC1-F 500 4P. /... .	630	230	420	730	920
ELC1-F 630 4P. /... .	800	340	600	990	1450

ELC1-F 115-330

ELC1-F 400-500

ELC1-F 630

Earth connecting terminal	
115-225	M8
265-330	M10



AC Contactor		Specifications									
Specication	ELC1–F115		ELC1–F150		ELC1–F185		ELC1–F225		ELC1–F265		
	three pole	four pole	three pole	four pole	three pole	four pole	three pole	four pole	three pole	four pole	
a	167	204	167	204	171	211	171	211	204	247	
p	37	37	40	40	40	40	48	48	48	48	
Q	70	88.5	70	90	71	91	71	95	87	111	
Q1	60	60	57.5	55.5	59.5	59.5	51.5	47.5	66.5	66.5	
s	20	20	20	20	20	20	25	25	25	25	
φ	M6	M6	M8	M8	M8	M8	M10	M10	M10	M10	
f1)	131	131	131	131	131	131	131	131	147	147	
b	163	163	171	171	174	174	197	197	203	203	
b1	137	137	137	137	137	137	137	137	145	145	
M	147	147	150	150	154	154	172	172	178	178	
H	124	124	124	124	127	127	127	127	147	147	
C	172	172	172	172	183	183	183	183	215	215	
L	107	107	107	107	113.5	113.5	113.5	113.5	141	141	
X1 ²⁾ 200~500V 600~1000V	10 15		10 15		10 15		10 15		10 15		
Ga					80					96	
Ha					110						
Specifications											
Specication	ELC1–F330		ELC1–F400		ELC1–F500		ELC1–F225		ELC1–F630		
	three pole	four pole	three pole	four pole	three pole	four pole	three pole	four pole	two pole	three pole	four pole
a	213	261	213	213	261	233	233	288	309	309	389
p	48	48	48	48	48	55	55	55	80	80	80
Q	91	115	93	91	115	99	101	129	182	140	180
Q1	74	74	96	74	74	102	77	77	127	89	89
s	25	25	25	25	25	30	30	30	40	40	40
φ	M10	M10	M10	M10	M10	M10	M10	M12	M12	M12	M12
f1)	147	147	147	147	147	150	150	150	181	181	181
b	206	206	206	206	206	238	238	238	304	304	304
b1	145	145	209	209	209	209	209	209	280	280	280
M	181	181	181	181	181	208	208	208	264	264	264
H	158	158	158	158	158	172	172	172	202	202	202
C	220	220	220	220	220	233	233	233	256	256	256
L	145	145	145	145	145	146	146	146	155	155	155
X1 ²⁾ 200~500V 600~1000V	10 15		15 20		15 20		15 20		20 30		
Ga	96				80			140		180	240
Ha	110				170					180	