

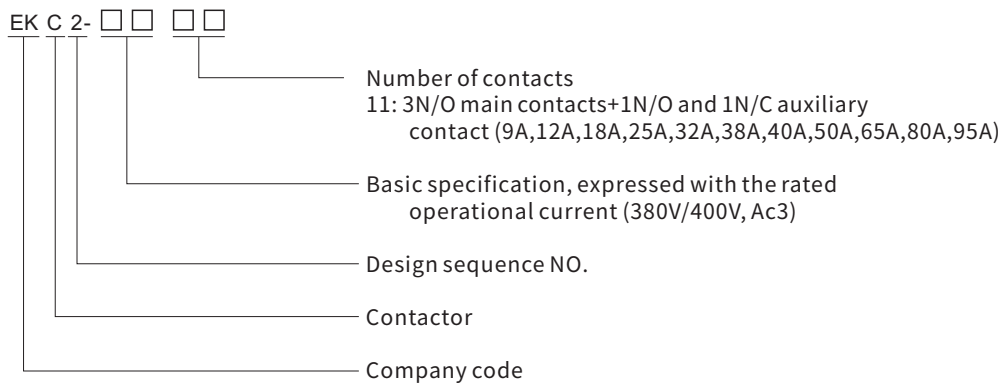


Technical Data

Description	Application	Remote making & breaking circuits Protect circuit from over-load when assembling with thermal over-load relay Frequent start-up and control of AC contactor
	Electric value	AC50/60Hz, 690V, up to 95A
	Utilization category	AC-3, AC-4
	Altitude	≤2000m
	Ambient temperature	-5°C~+40°C
	Mounting category	III
	Mounting conditions	Inclination between the mounting plane and the vertical plane should not exceed ±5°
	Standard	IEC/EN 60947-4-1. IEC/EN 60947-5-1.

AC Coil Operation	Volts(VAC)	24	36	42	48	110	127	220	230	240	380	415	440	480	500	600	
	Code	B5	C5	D5	E5	F5	G5	M5	P5	U5	Q5	N5	R5	-	S5	Y5	
		60Hz	B6	-	D6	E6	F6	G6	M6	-	U6	Q6	-	R6	T6	-	-
		50/60Hz	B7	-	D7	E7	F7	-	M7	P7	-	Q7	N7	R7	-	-	-

Type Designation





EKC2-6511



EKC2-8011



EKC2-9511

Technical Data

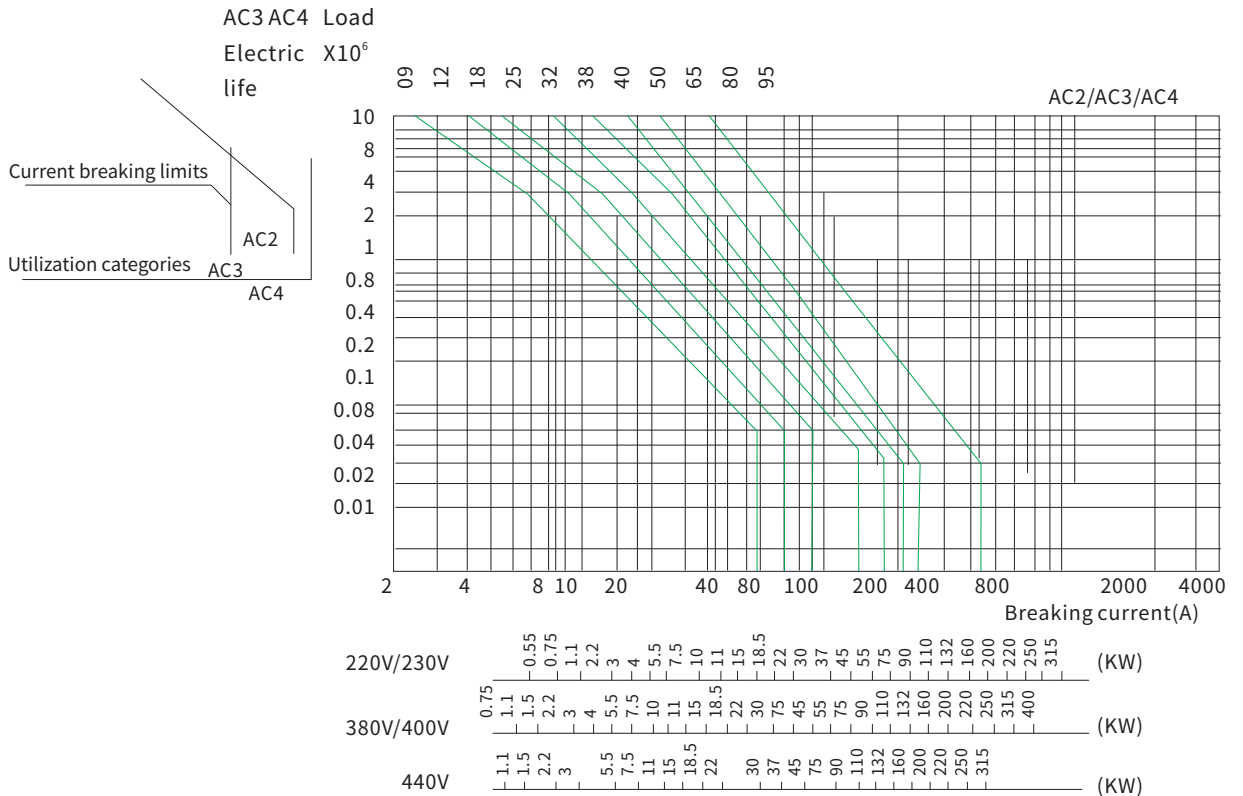
Technical Specification	Standard	IEC/EN60947-4-1 IEC/EN60947-5-1					
		Model No.	EKC2-09	EKC2-12	EKC2-18	EKC2-25	EKC2-32
Rated Conventional Heating Current	I _{th} (A)	20	20	32	40	50	50
Rated Voltage U _i (V)	U _i (V)	690	690	690	690	690	690
Rated Operation Current U _e =380/415V	AC-3 I _e (A)	9	12	18	25	32	38
	AC-4 I _e (A)	3.5	5	7.7	8.5	12	14
Power Controlled 3ph cage Motor AC-3	220/240V KW	2.2	3	4	5.5	7.5	8.9
	380/415V KW	4	5.5	7.5	11	15	18.5
	660/690V KW	5.5	7.5	10	15	18.5	18.5
Electrical life(x10 ³ operations)	AC-3	1100	1100	1100	1100	900	900
	AC-4	220	220	220	220	220	220
Mechanical life(x10 ⁶ operations)		12	12	12	10	10	10
Matched Fuse	Size	RT16-00	RT16-00	RT16-00	RT16-00	RT16-00	RT16-00
	A	20					
Main circuit		3P					
Auxiliary circuit Cat.:AC-15,U _e =415V I _e =0.95A I _{th} =10A		1NO + 1NC					

Technical Specification	Standard	IEC/EN60947-4-1 IEC/EN60947-5-1				
		Model No.	EKC2-40	EKC2-50	EKC2-65	EKC2-80
Rated Conventional Heating Current	I _{th} (A)	60	80	80	100	125
Rated Voltage U _i (V)	U _i (V)	690	690	690	690	690
Rated Operation Current U _e =380/415V	AC-3 I _e (A)	40	50	65	80	95
	AC-4 I _e (A)	18.5	24	28	37	44
Power Controlled 3ph cage Motor AC-3	220/240V KW	11	15	18.5	22	25
	380/415V KW	18.5	22	30	37	45
	660/690V KW	30	33	37	45	45
Electrical life(x10 ³ operations)	AC-3	900	900	900	650	650
	AC-4	170	170	170	110	110
Mechanical life(x10 ⁶ operations)		9	9	9	6.5	6.5
Matched Fuse	Size	RT16-00	RT16-00	RT16-00	RT16-00	RT16-00
	A	63	80	80	100	125
Main circuit		3P				
Auxiliary circuit Cat.:AC-15,U _e =415V I _e =0.95A I _{th} =10A		1NO + 1NC				

Technical information

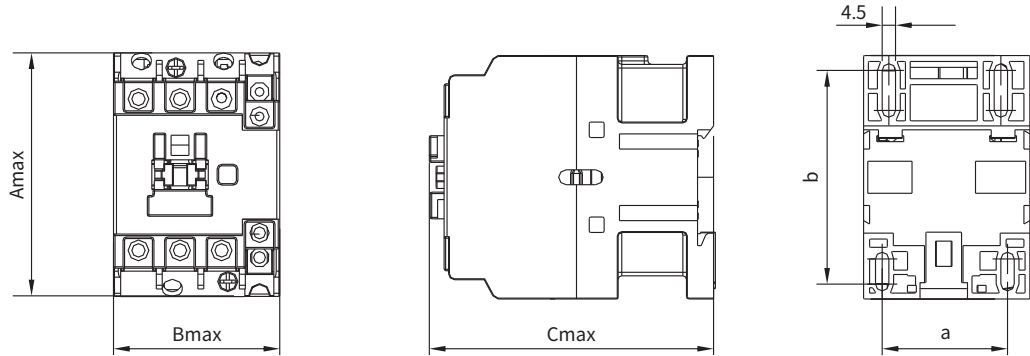
Terminal Connection	Model	Cabling cross section(Cu)			Screw size	Tightening torque(N.m)
		Number of piece	Flexible cable with cold-pressed socket(mm ²)	Flexible cable without cold-pressed socket(mm ²)		
	EKC2-09	1~2	2.5	4	4	M3.5 0.8
	EKC2-12	1~2	2.5	4	4	M3.5 0.8
	EKC2-18	1~2	4	6	6	M3.5 0.8
	EKC2-25	1	4	10	6	M4 1.2
		2	4	6	6	M4 1.2
	EKC2-32	1	4	10	6	M4 1.2
		2	4	6	6	M4 1.2
	EKC2-38	1	4	10	6	M4 1.2
		2	4	6	6	M4 1.2
	EKC2-40	1	10	16	10	M4 3.5
		2	10	10	10	M8 3.5
	EKC2-50	1	16	25	25	M8 3.5
		2	16	16	-	M8 3.5
	EKC2-65	1	16	25	25	M8 3.5
		2	16	16	-	M8 3.5
	EKC2-80	1	50	50	50	M8 3.5
		2	25	35	-	M10 4.0
	EKC2-95	1	50	50	50	M10 4.0
		2	25	35	-	M10 4.0

Curve

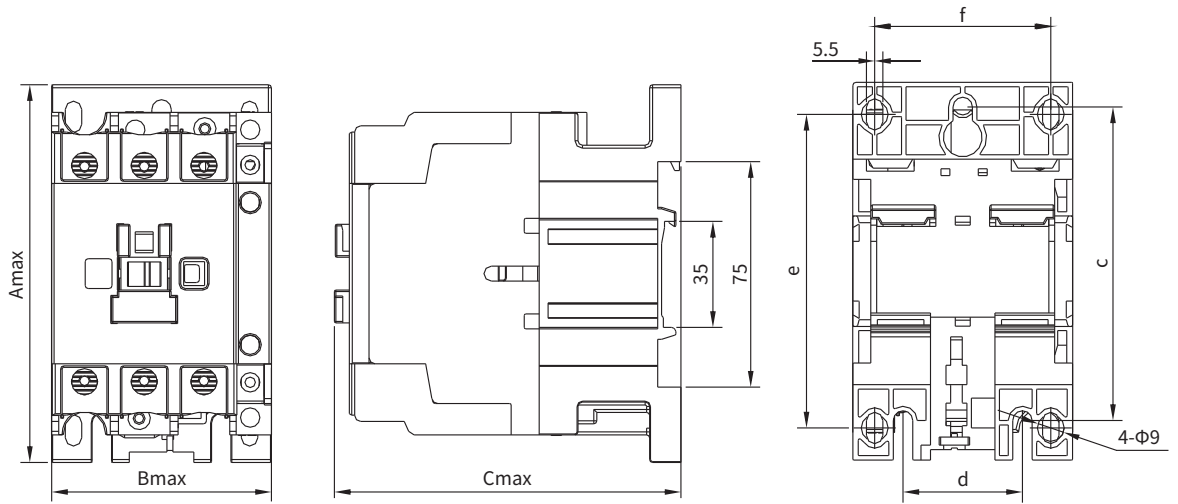


Overall and Mounting Dimension(mm)

EKC2-09~38



EKC2-40~95



Model	Amax	Bmax	Cmax	a	b	c	d	e	f
EKC2-09,12,18	74.5	45.5	85.5	35	50/60	-	-	-	-
EKC2-25,32,38	83	56.5	97	40	50/70	-	-	-	-
EKC2-40,50,65	127.5	74.5	117	-	-	105	40	100/110	59
EKC2-80,95	127.5	85.5	125.5	-	-	105	40	100/110	67