



EKC1-150

EKC1-265

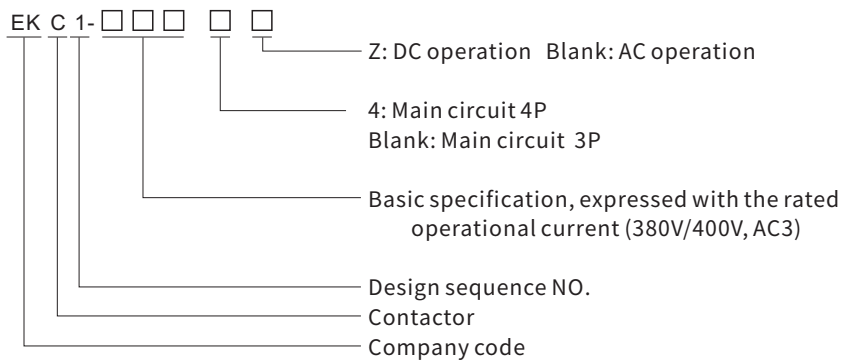
Technical Data

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 1000A
	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

AC Coil Operation	Volts(VAC)	24	36	42	48	110	127	220	230	240	380	415	440	480	500	600	
	Code	50Hz	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	-	-	-	

DC Coil Operation	Volts(VDC)	12	24	36	48	110	220
	Code	JD	BD	CD	ED	FD	MD

Type Designation





EKC1-400



EKC1-630

Technical Data

Technical Specification

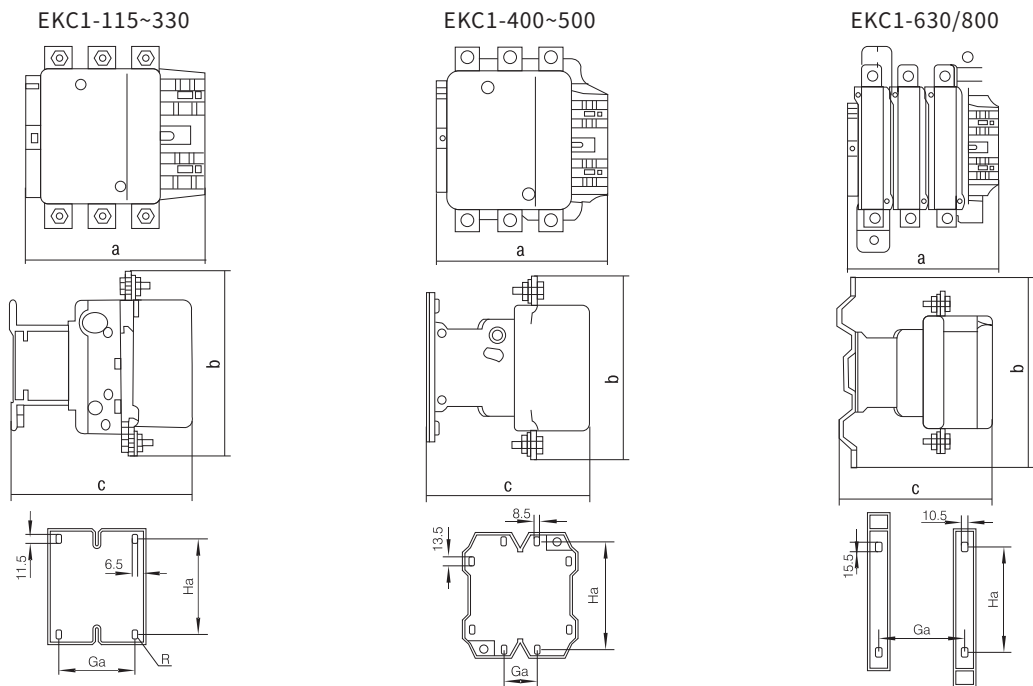
Standard	IEC/EN60947-4-1						
Model No.		EKC1-115	EKC1-150	EKC1-185	EKC1-225	EKC1-265	EKC1-330
Rated Conventional Heating Current	Ith(A)	200	200	275	275	315	380
Rated Voltage Ui(V)	Ui(V)	690	690	690	690	690	690
Rated Operation Current Ue=380/415V	AC-3 Ie(A)	115	150	185	225	265	330
	AC-4 Ie(A)	52	60	79	86	105	117
Power Controlled 3ph cage Motor AC-3	380/415V KW	55	75	90	110	132	160
	660/690V KW	80	100	110	129	160	220
Electrical life(x10 ³ operations)	AC-3	600	600	300	300	300	300
	AC-4	100	100	100	100	100	100
Mechanical life(x10 ⁶ operations)		6	6	3	3	3	3
Matched Fuse	Size	RT16-1	RT16-2	RT16-2	RT16-2	RT16-2	RT16-3
	A	200	225	315	315	355	450
Main circuit		3P or 4P					

Standard	IEC/EN60947-4-1						
Model No.		EKC1-400	EKC1-500	EKC1-630	EKC1-780	EKC1-800	EKC1-1000
Rated Conventional Heating Current	Ith(A)	460	580	850	1200	850	1200
Rated Voltage Ui(V)	Ui(V)	690	690	690	690	690	690
Rated Operation Current Ue=380/415V	AC-3 Ie(A)	400	500	630	780	800	1000
	AC-4 Ie(A)	138	147	188	240	195	320
Power Controlled 3ph cage Motor AC-3	380/415V KW	200	250	335	400	400	500
	660/690V KW	280	335	450	475	475	560
Electrical life(x10 ³ operations)	AC-3	300	300	300	200	200	200
	AC-4	100	100	100	50	50	50
Mechanical life(x10 ⁶ operations)		3	3	3	2	3	2
Matched Fuse	Size	RT16-3	RT16-4	RT16-4	RT16-4	RT16-4	RT16-4
	A	500	630	800	1250	800	1250
Main circuit		3P or 4P					

Technical Data

Terminal Connection	Model	Cabling cross section(Cu)		Screw size	Tightening torque(N.m)
		Number of piece	Cable Cross section(mm) ²		
	EKC1-115	1	70~90	-	3
	EKC1-150	1	70~90	-	6
	EKC1-185	1	95~150	-	6
	EKC1-225	1	95~150	-	10
	EKC1-265	1	120~185	-	10
	EKC1-330	1	185~240	-	10
	EKC1-400	1(2)	240(150)	30×5	10
	EKC1-500	2	150~185	40×5	10
	EKC1-630	2	185~240	50×5	14
	EKC1-800	2	185~240	50×5	14

Overall and Installation Dimension(mm)



Model	A Max	B Max	C Max
EKC1-115	163.5	162	171
EKC1-150	163.5	170	171
EKC1-185	168.5	174	181
EKC1-225	168.5	197	181
EKC1-265	201.5	203	213
EKC1-330	213	206	219
EKC1-400	213	206	219
EKC1-500	233	238	232
EKC1-630/800	309	304	255