


TYPE		KLC1-D														
Picture																
3Poles		06	09	12	18	25	32	38	40	50	65	80	95	115	150	
Rated operational current (A)	AC-3 (440V)	6	9	12	18	25	32	38	40	50	65	80	95	115	150	
	AC-3 (690V)	4.4	6.6	8.9	13	18	22	25	32	37	45	63	63	75	90	
	AC-1	10	20	25	32	40	50	50	65	80	80	125	125	200	200	
Conforming to Standards		IEC/EN60947-4-1 , ISIRI4835-4-1 , VDE0660 , BS5424														
Rated Voltage	Operational (Ue)	690V														
	Insulation (Ui)	690V							1000V							
	Impulse (Uimp)	8KV		6KV						8KV						
	Coil circuit (Uc)	220/380VAC(50/60Hz) , 48/110VDC														
Rated operational Power in AC-3 (KW)	220/240 V	1.5	2.2	3	4	5.5	7.5	9	11	15	18.5	22	25	30	40	
	380/415 V	2.2	4	5.5	9	11	15	18.5	22	25	37	45	45	59	80	
	500,690 V	3	5.5	7.5	10	15	18.5	18.5	30	33	37	45	45	80	100	
Rated capacity in 440V (KA)	Making	0.1	0.25		0.3	0.45	0.5		0.8	0.9	1	1.1		1.25	1.6	
	Breaking	0.1	0.25		0.3	0.45	0.5		0.8	0.9	1	1.1		1.25	1.6	
Life (10 ⁴)	Electrical (AC-3)	100 (1200Cycles/h)						80 (600Cycles/h)				60 (600Cycles/h)				
	Mechanical	1000 (3600Cycles/h)						800 (3600Cycles/h)				600 (3600Cycles/h)				
Ambient air temperature around the device	Storage	- 60 ... +80 °C														
	Operation	- 5 ... +60 °C														
	Permissible	- 40 ... +70 °C (for operation at Uc)														
Mached Fuses (RT16 -...)		10	20	25	32	40	50	50	63	63	80	100	125	160	180	
Weight		Kg	0.24	0.32	0.33	0.33	0.37	0.38	0.38	0.85	0.86	0.86	1.59	1.61	2.50	2.50
Coil Power in Uc (50Hz,20°C)	Inrush (VA)	30	70			160			245				280...350			
	Sealed (VA)	4.5	7			15			26				2...18			
	Dissipation	1.3	2...3W						4...5W			6...10W		3...8W		
Control voltage limits	Operation	0.8...1.1 Uc on 50Hz and 0.85...1.1 Uc on 60Hz at +60 °C														
	Drop-out	0.3...0.6 Uc at +60 °C														
Aux. Contact	Basic Parameters	AC-15 : 420VA , DC-13 : 25W , I _{th} =10A														
	Combination	KF4 , 2contacts							KF4 , 4contacts							
		KF4-20	KF4-11			KF4-02	KF4-40	KF4-31	KF4-22	KF4-13	KF4-04					