

微型接触器 Contactors of mini type

交流线圈 AC coil

用于电机控制

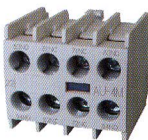
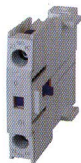
For motor control

3对主触点和1对辅助触点

3 pairs of main contacts and 1 pair of auxiliary contacts

线圈电压: 交流

Coil voltage: AC



额定电流 Rated current	AC3(IEC60947)				AC1 lth	辅助触点(标准) Aux. Contacts	型号 Type
	220~240V	380~440V	500~550V	690V			
6A	1.5KW 7A	2.2KW 6A	3KW 5A	3KW 4A	20A	1NO or 1NC	UKC1-6M
9A	2.2KW 9A	4KW 9A	3.7KW 6A	4KW 5A	20A	1NO or 1NC	UKC1-9M
12A	3KW 12A	5.5KW 12A	4KW 7A	4KW 5A	20A	1NO or 1NC	UKC1-12M
16A	4KW 15A	7.5KW 16A	5.5KW 9A	4KW 5A	20A	1NO or 1NC	UKC1-16M

交流线圈, AC 50/60Hz

24, 36, 42, 48, 110, 115, 120, 127, 200/208, 220, 220/230, 230/240, 256, 277, 380/400, 400, 440, 480, 500, 550V AC

性能(440VAC) Characteristics

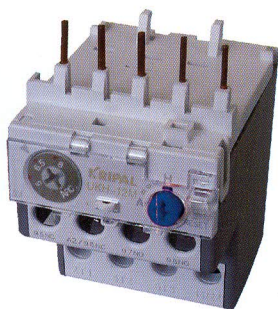
额定电流 Rated current		6A	9A	12A	16A
接通最大电流(A) Short circuit current (Max)	380V	60	90	120	160
	660V	72	108	144	180
断开最大电流(A) Breaking current (Max)	380V	48	72	96	128
	660V	60	90	120	150
操作频率(次/h) Operating cycles per hour	AC-3	1800	1800	1800	1800
	AC-4	300	300	300	300
电气寿命(万次) Electrical Life time (10,000 times)	AC-3	100	100	100	100
	AC-4	20	20	20	20
机械寿命(万次) Mechanical Life time (10,000 times)		1200	1200	1200	1200
辅助触点 Aux. Contacts	标准配置 Standard configuration	1NO	1NO	1NO	1NO
	顶部安装 Top munting	AU-2M/4M	AU-2M/4M	AU-2M/4M	AU-2M/4M
安装方式 Panel installation		导轨/螺丝 Guide screw	导轨/螺丝 Guide screw	导轨/螺丝 Guide screw	导轨/螺丝 Guide screw

线圈特性 Characteristics of the coil

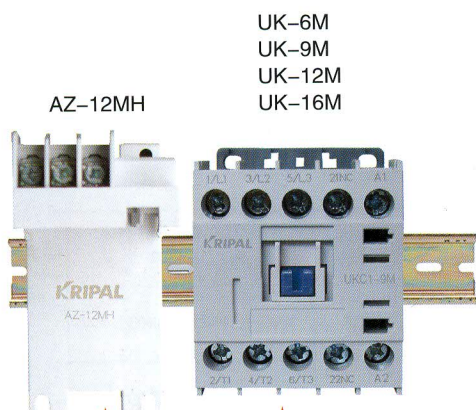
线圈电压 Coil Voltage	AC
线圈损耗(W) Coil consumption(VA)	2
吸合 Pick-up	32VA
维持 Maintain	6VA
吸合电压范围(%) Selectiois of pick-up voltage	80~110
断开电压范围(%) Selectiois of droup-out voltage	30~40
吸合时间(ms) Pick-up times	10~20
断开时间(ms) Droup-out times	35~45

特点 Characteristics

- 可直接与接触器插接。
- 接触器型号: UKC(D)1-6M, UKC(D)1-9M, UKC(D)1-12M, UKC(D)1-16M
- 尺寸小: 44mm宽
- 1NO+1NC辅助触点
- Class 10A脱扣符合IEC60947-4-1标准
- 缺相保护型: UKK
- 标准型: UKH
- 适用环境温度: -5~40℃
- 可设定为手动/自动复位
- 可选择远程复位
- 自由脱扣设计
- Be connected with contactor directly.
- Model of contactor: UKC(D)1-6M, UKC(D)1-9M, UKC(D)1-12M, UKC(D)1-16M
- Small size: 44mm width
- 1NO+1NC Auxiliary contacts
- Class 10A trip is in accordance with the standard IEC60947-4-1
- Phase-failure protection type: UKK
- Standard type: UKH
- Applicable ambient temperature: -5~40℃
- Manual/automatic reset is available
- Remote reset is optional
- Design of free trip



UK-12M



AZ-12MH

UK-6M
UK-9M
UK-12M
UK-16M

独立安装

直接安装



UK-12M

电流范围 Current range (A)	UKK缺相保护型 UKK phase-failure protection type	UKH标准型 UKH standard type
0.1-0.16	UKK-12M · 0.16	UKH-12M · 0.16
0.16-0.25	UKK-12M · 0.25	UKH-12M · 0.25
0.25-0.4	UKK-12M · 0.4	UKH-12M · 0.4
0.4-0.63	UKK-12M · 0.63	UKH-12M · 0.63
0.63-1	UKK-12M · 1	UKH-12M · 1
1-1.6	UKK-12M · 1.6	UKH-12M · 1.6
1.6-2.5	UKK-12M · 2.5	UKH-12M · 2.5
2.5-4	UKK-12M · 4	UKH-12M · 4
4-6	UKK-12M · 6	UKH-12M · 6
5-8	UKK-12M · 8	UKH-12M · 8
6-9	UKK-12M · 9	UKH-12M · 9
7-10	UKK-12M · 10	UKH-12M · 10
9-13	UKK-12M · 13	UKH-12M · 13
12-16	UKK-12M · 16	UKH-12M · 16

辅助触点额定参数 Rated parameter of auxiliary contact

注: ()内数值为NO触点在自动复位模式下的额定值。

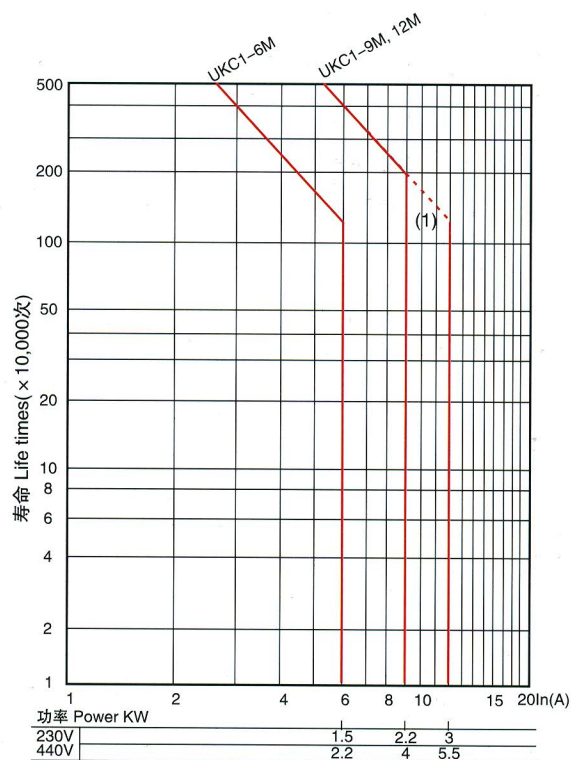
Note: The value in the bracket is the rated value of NO contact that is under the mode of auto reset.

AC15(11)负载 load			DC13(11)负载 load	
110V	220V	550V	110V	220V
2.5(0.3)A	2(0.3)A	1(0.3)A	0.28A	0.14A

微型接触器曲线图 Contactors of mini type curve

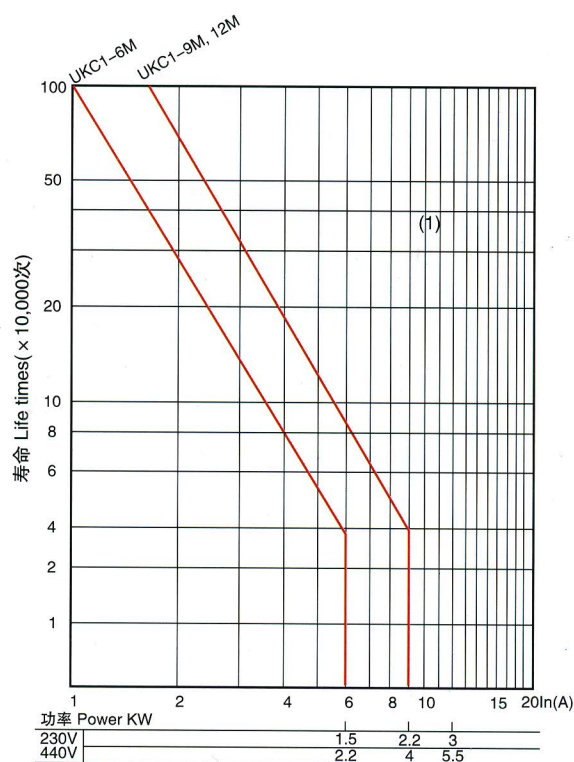
电气寿命曲线 Electrical life curve

使用环境
Service environment
AC-3 ($U_e \geq 440V$)



1) 虚线适用于 UKC1-12M 接触器
The broken line is suitable for UKC1-12M contactor

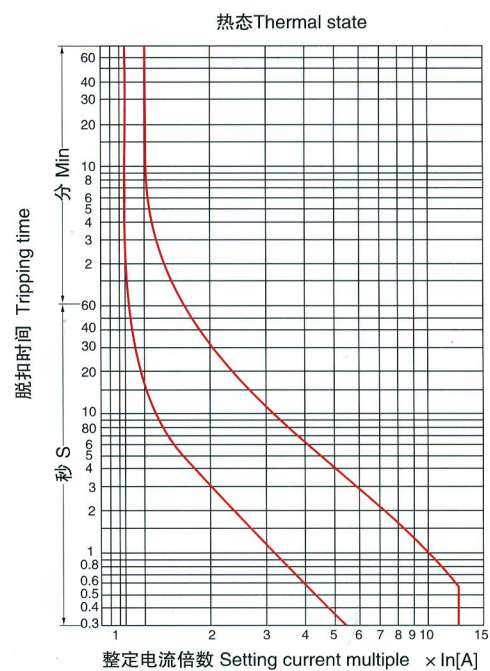
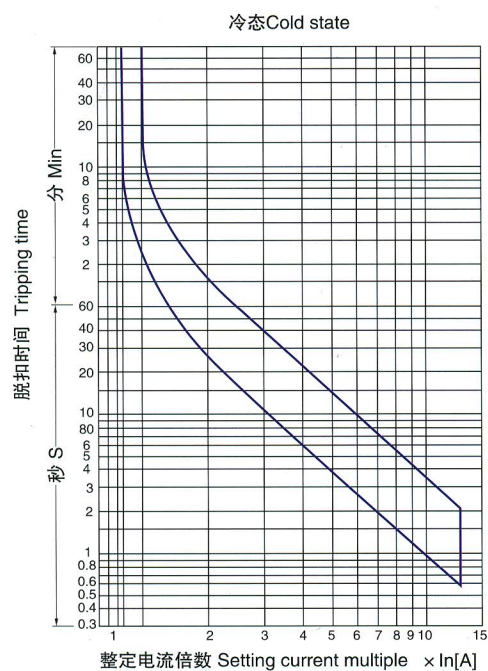
使用环境
Service environment
AC-3 ($U_e \geq 440V$)



2) 虚线适用于 UKC1-12M 接触器
The broken line is suitable for UKC1-12M contactor

热过载继电器曲线 Thermal overload relay curve

标准型
Standard type
UKH-12M



缺相保护型
phase-failure
protection type
UKK-12M

