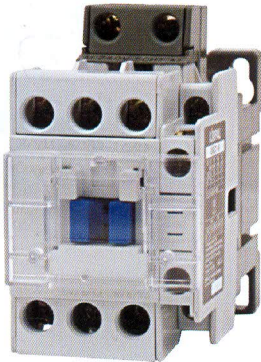


## 3极接触器 Three pole contactors (9A, 12A, 18A, 22A)

### 特点 Characteristics

- 一个框架四个额定电流等级
- 3对主触点
- 防触电安全罩设计
- 导轨或螺钉安装
- 尺寸小: 44mm宽
- 1NO+1NC辅助触点为标准配置
- 可在顶部/侧面安装附件
- 可与热过载继电器直接插接
- One frame with four rated current classes
- 3 pairs of main contacts
- Design of anti-electric shock cover
- Installation of guide rail or screw
- Small size: 44mm width
- 1NO+1NC auxiliary contacts are of standard designed
- The accessory can be mounted on the top or at side.
- Be connected with the thermal overload relay directly



### 3极接触器(交流线圈) Three pole contactors(AC coil)

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			
9A	2.5KW	4KW	4KW	4KW	25A	1NO +1NC	UKC1-9
	11A	9A	7A	5A			
12A	3.5KW	5.5KW	7.5KW	7.5KW	25A	1NO +1NC	UKC1-12
	13A	12A	12A	9A			
18A	4.5KW	7.5KW	7.5KW	7.5KW	40A	1NO +1NC	UKC1-18
	18A	18A	13A	9A			
22A	5.5KW	11KW	15KW	15KW	40A	1NO +1NC	UKC1-22
	22A	22A	22A	18A			

线圈电压, AC50/60Hz

50Hz: 24, 42, 48, 100, 110, 220, 240, 380, 400, 415, 440, 500, 550V

60Hz: 24, 48, 110, 120, 208, 220, 240, 277, 380, 440, 480, 600V

### 3极接触器(直流线圈) Three pole contactors(DC coil)

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			
9A	2.5KW	4KW	4KW	4KW	25A	1NO +1NC	UKD1-9
	11A	9A	7A	5A			
12A	3.5KW	5.5KW	7.5KW	7.5KW	25A	1NO +1NC	UKD1-12
	13A	12A	12A	9A			
18A	4.5KW	7.5KW	7.5KW	7.5KW	40A	1NO +1NC	UKD1-18
	18A	18A	13A	9A			
22A	5.5KW	11KW	15KW	15KW	40A	1NO +1NC	UKD1-22
	22A	22A	22A	18A			

线圈电压, 直流 Coil voltage, DC

12, 20, 24, 48, 60, 80, 100, 110, 125, 200, 220, 250V

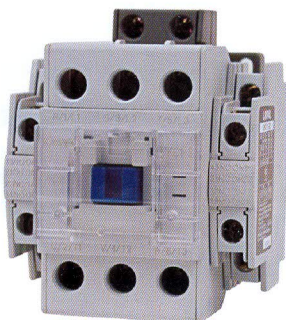
### 安装与接线 Installation and connection

安装 Installation	35mm导轨或螺钉(M4)固定 Fixed by 35mm guide rail or screw (M4)	
接线 Connection	主触点 Main contact	螺钉(M4)压线式端子 Screw(M4) crimping terminal 线径 Wire dia: 1.25~5.5mm <sup>2</sup> / φ 1.6~2.6
	辅助触点/线圈 Auxiliary contact/coil	螺钉(M3.5)压线式端子 Screw(M3.5) crimping terminal

## 3极接触器 Three pole contactors (32A, 40A)

### 特点 Characteristics

- 一个框架两个额定电流等级 - one frame with two rated current classes
- 3对主触点 - 3 pairs of main contacts
- 防触电安全罩设计 - Design of anti-electric shock cover
- 导轨或螺钉安装 - Fixed by guide rail or screw
- 尺寸小: 68mm宽 - Small size: 68mm width
- 1NO+1NC辅助触点为标准配置 - 1NO+1NC auxiliary contacts are of standard designed
- 可在顶部/侧面安装附件 - The accessory can be mounted on the top or at side
- 可与热过载继电器直接插接 - Be connected with the thermal overload relay directly



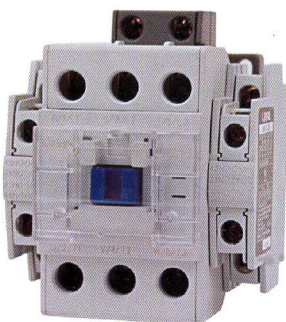
### 3极接触器(交流线圈) Three pole contactors(AC coil)

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			
32A	7.5KW	15KW	18.5KW	18.5KW	50A	1NO +1NC	UKC1-32
	32A	32A	28A	20A			
40A	11KW	18.5KW	22KW	22KW	60A	1NO +1NC	UKC1-40
	40A	40A	32A	23A			

线圈电压, AC50/60Hz

50Hz: 24, 42, 48, 100, 110, 220, 240, 380, 400, 415, 440, 500, 550V

60Hz: 24, 48, 110, 120, 208, 220, 240, 277, 380, 440, 480, 600V



### 3极接触器(直流线圈) Three pole contactors(DC coil)

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			
32A	7.5KW	15KW	18.5KW	18.5KW	50A	1NO +1NC	UKD1-32
	32A	32A	28A	20A			
40A	11KW	18.5KW	22KW	22KW	60A	1NO +1NC	UKD1-40
	40A	40A	32A	23A			

线圈电压, 直流 Coil voltage, DC

12, 20, 24, 48, 60, 80, 100, 110, 125, 200, 220, 250V

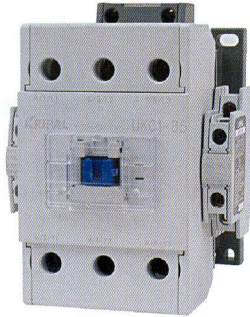
### 安装与接线 Installation and connection

安装 Installation	35mm导轨或螺钉(M4)固定 Fixed by 35mm guide rail or screw (M4)	
接线 Connection	主触点 Main contact	螺钉(M4)压线式端子 Screw(M4) crimping terminal 线径 Wire dia: 2~14mm <sup>2</sup> / φ 1.6~3.6
	辅助触点/线圈 Auxiliary contact/coil	螺钉(M3.5)压线式端子 Screw(M3.5) crimping terminal

## 3极接触器 Three pole contactors (50A, 65A, 75A, 85A)

### 特点 Characteristics

- 一个框架四个额定电流等级 - one frame with four rated current classes
- 3对主触点 - 3 pairs of main contacts
- 防触电安全罩设计 - Design of anti-electric shock cover
- 导轨或螺钉安装 - Fixed by guide rail or screw
- 1NO+1NC辅助触点为标准配置 - 1NO+1NC auxiliary contacts are of standard designed
- 可在顶部/侧面安装附件 - The accessory can be mounted on the top or at side
- 可与热过载继电器直接插接 - Be connected with the thermal overload relay directly



### 3极接触器(交流线圈) Three pole contactors(AC coil)

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			
50A	15kW	22kW	30kW	30kW	80A	1NO +1NC	UKC1-50
	55A	50A	43A	28A			
65A	18.5kW	30kW	33kW	33kW	100A	1NO +1NC	UKC1-65
	65A	65A	60A	35A			
75A	22kW	37kW	37kW	37kW	110A	1NO +1NC	UKC1-75
	75A	75A	64A	42A			
85A	25kW	45kW	45kW	45kW	135A	1NO +1NC	UKC1-85
	85A	85A	75A	45A			

线圈电压, AC50/60Hz

50Hz: 24, 42, 48, 100, 110, 220, 240, 380, 400, 415, 440, 500, 550V

60Hz: 24, 48, 110, 120, 208, 220, 240, 277, 380, 440, 480, 600V

### 3极接触器(直流线圈) Three pole contactors(DC coil)

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			
50A	15kW	22kW	30kW	30kW	80A	1NO +1NC	UKD1-50
	55A	50A	43A	28A			
65A	18.5kW	30kW	33kW	33kW	100A	1NO +1NC	UKD1-65
	65A	65A	60A	35A			
75A	22kW	37kW	37kW	37kW	110A	1NO +1NC	UKD1-75
	75A	75A	64A	42A			
85A	25kW	45kW	45kW	45kW	135A	1NO +1NC	UKD1-85
	85A	85A	75A	45A			

线圈电压, 直流 Coil voltage, DC

12, 20, 24, 48, 60, 80, 100, 110, 125, 200, 220, 250V

### 安装与接线 Installation and connection

安装 Installation	35mm导轨或螺钉(M4)固定 Fixed by 35mm guide rail or screw (M4)		
接线 Connection	主触点 Main contact	50A框架 Frame	螺钉(M6)压线式端子 Screw(M6) crimping terminal 线径 Wire dia:2~22mm <sup>2</sup>
		65/75/85A 框架 Frame	螺钉压线式端子 Screw crimping terminal 线径 Wire dia:2~38mm <sup>2</sup>
	辅助触点/线圈 Auxiliary contact/coil		螺钉(M3.5)压线式端子 Screw(M3.5) crimping terminal

## 3极接触器 Three pole contactors (100A, 125A, 150A)

### 特点 Characteristics

- 3对主触点
- 交流/直流线圈
- 宽线圈电压
- 螺钉安装
- 2NO+2NC辅助触点为标准配置
- 可在顶部/侧面安装附件
- 可与热过载继电器直接安装
- 3 pairs of main contacts
- AC/DC common coil
- Wide coil voltage
- Screw mounting
- 2NO+2NC auxiliary contacts are of standard designed
- The accessory can be mounted on the top or at side
- Be connected with the thermal overload relay directly

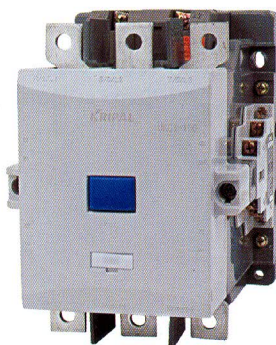


### 3极接触器(交流线圈)Three pole contactors(AC coil)

额定电流 Rated current	AC3(IEC60947)				AC1 Ith	辅助触点(标准) Aux. Contacts	型号 Type
	220~240V	380~440V	500~550V	690V			
100A	30kW	55kW	55kW	55kW	150A	2NO +2NC	UKC1-100
	105A	105A	85A	65A			
125A	37kW	60kW	60kW	60kW	150A	2NO +2NC	UKC1-125
	125A	120A	90A	70A			
150A	45kW	75kW	90kW	90kW	200A	2NO +2NC	UKC1-150
	150A	150A	140A	100A			

### 线圈电压 AC/DC

标称电压 Nominal voltage	AC50/60Hz	DC
24V	24-25V	24V
48V	48-50V	48V
100/200V	100-240V	100-220V
300V	265-347V	-
400V	380-450V	-
500V	440-575V	-



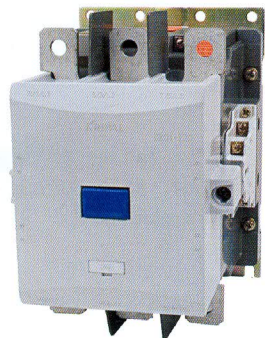
### 安装与接线 Installation and connection

安装 Installation	100/125A 框架 Frame		螺钉(M4)固定 Fixed(M4)screw
	150A 框架 Frame		螺钉(M5)固定 Fixed(M5)screw
接线 Connection	主触点 Main contact	100/125A 框架 Frame	螺钉(M8)端子 Fixed(M8) terminal
		150A 框架 Frame	螺钉(M8)端子 Fixed(M8) terminal
	辅助触点/线圈 Auxiliary contact/coil		螺钉(M4)压线式端子 Screw(M4)crimping terminal

# 3极接触器 Three pole contactors (180A, 220A, 330A, 400A)

## 特点 Characteristics

- 3对主触点
- 交流/直流线圈
- 宽线圈电压
- 螺钉安装
- 可在顶部/侧面安装附件
- 可与热过载继电器直接安装
- 3 pairs of main contacts
- AC/DC common coil
- Wide coil voltage
- Screw mounting
- The accessory can be mounted on the top or at side
- Be connected with the thermal overload relay directly

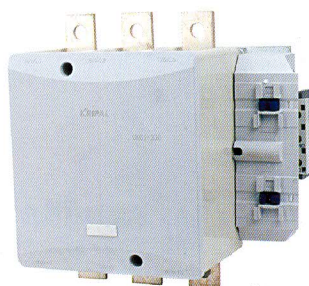


## 3极接触器(交流线圈) Three pole contactors (AC Coil)

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			
180A	55kW	90kW	110kW	110kW	230A	2NO + 2NC	UKC1-180
	180A	180A	180A	120A			
220A	75kW	132kW	132kW	132kW	260A	2NO + 2NC	UKC1-220
	250A	250A	200A	150A			

## 线圈电压 AC/DC

标称电压 Nominal voltage	AC50/60Hz	DC
24V	24-25V	24V
48V	48-50V	48V
100/200V	100-240V	100-220V
300V	265-347V	-
400V	380-450V	-
500V	440-575V	-

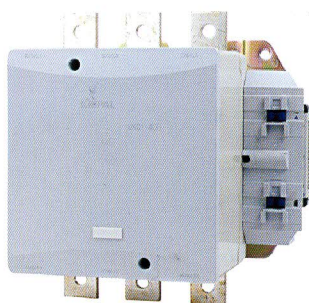


## 3极接触器(交流线圈) Three pole contactors (AC Coil)

额定电流 Rated current	AC3(IEC60947)				AC1 lth	型号 Type
	220~240V	380~440V	500~550V	690V		
330A	100kW	200kW	200kW	200kW	400A	UKC1-330
	330A	330A	310A	200A		
400A	110kW	250kW	257kW	280kW	500A	UKC1-400
	400A	400A	400A	305A		

## 线圈电压 AC/DC

标称电压 Nominal voltage	AC50/60Hz	DC
100/200V	100-240V	100-220V
300V	265-347V	-
400V	380-450V	-
500V	440-575V	-



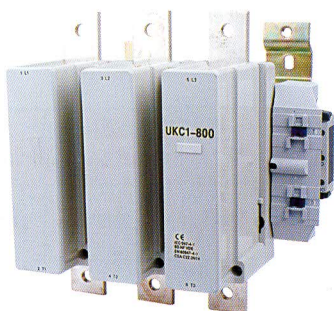
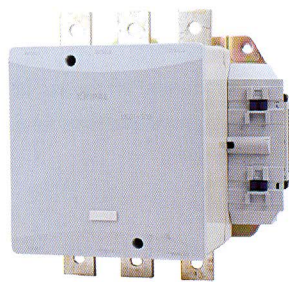
## 安装与接线 Installation and connection

安装 Installation	180/220A框架 Frame		螺钉(M6)固定 Fixed(M6)screw
	330/400A框架 Frame		螺钉(M8)固定 Fixed(M8)screw
接线 Connection	主触点 Main contact	180/220A 框架 Frame	螺钉(M10)端子 Fixed(M10) terminal 线径 Wire dia: 2~150mm <sup>2</sup>
		330/400A 框架 Frame	螺钉(M12)端子 Fixed(M12) terminal 线径 Wire dia: 2~200mm <sup>2</sup>
	辅助触点/线圈 Auxiliary contact/coil		螺钉(M4)压线式端子 Screw(M4) crimping terminal

# 3极接触器 Three pole contactors (500A, 630A, 800A)

## 特点 Characteristics

- 3对主触点
- 交流/直流线圈
- 宽线圈电压
- 螺钉安装
- 可在侧面安装附件
- 3 pairs of main contacts
- AC/DC common coil
- Wide coil voltage
- Screw mounting
- The accessory can be mounted on the top or at side



## 3极接触器(交流线圈) Three pole contactors (AC Coil)

额定电流 Rated current	AC3(IEC60947)				AC1 Ith	型号 Type
	220~240V	380~440V	500~550V	690V		
500A	147kW	295kW	355kW	335kW	700A	UKC1-500
	500A	500A	450A	355A		
630A	200kW	400kW	400kW	450kW	1000A	UKC1-630
	630A	630A	600A	460A		
800A	220kW	450kW	450kW	475kW	1600A	UKC1-800
	800A	800A	650A	500A		

## 线圈电压 AC/DC

标称电压 Nominal voltage	AC50/60Hz	DC
100V	100-127V	100-110V
200V	200-240V	200-220V
300V	265-347V	-
400V	380-450V	-
500V	440-575V	-

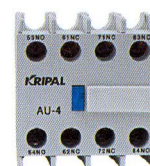
## 安装与接线 Installation and connection

安装 Installation	500/630/800A框架		螺钉(M10)固定 Fixed by screw (M4)
接线 Connection	主触点 Main contact	500/630/800A 框架 Frame	螺钉(M16)端子 Screw(M16) terminal
	辅助触点/线圈 Auxiliary contact/coil		线径 Wire dia:80-325mm <sup>2</sup> 螺钉(M4)压线式端子 Screw(M4)crimping terminal

## 可选附件 Selecting Accessories



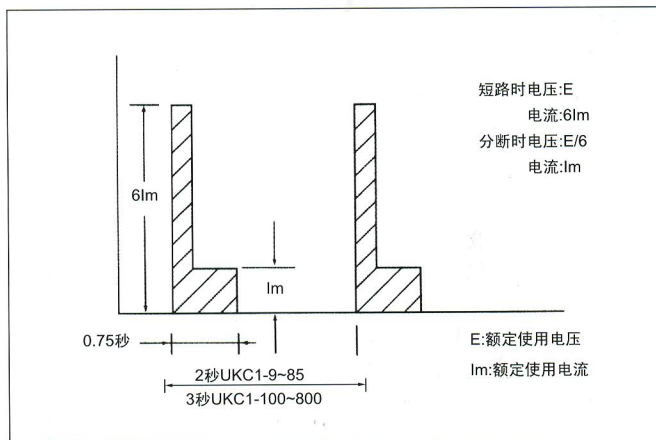
UKH-630



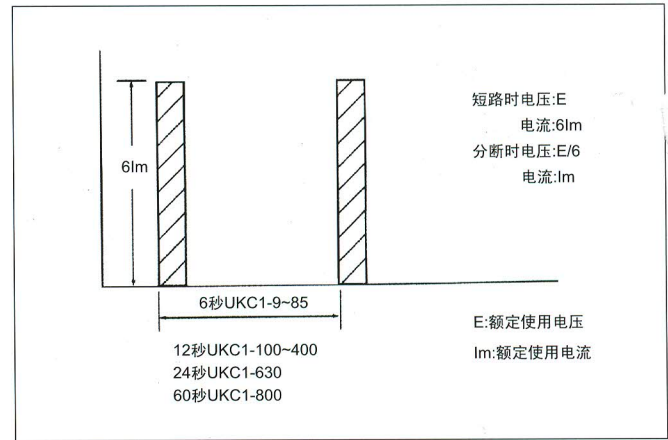
### 电磁接触器保护性能 Performance of the magnetic contactors

型号 Type	额定电压(V) Rated voltage	额定电流(A) Rated current	短路分断电流(A) Short breaking current		额定操作频率 Operating cycles per hour(AC3 duty)	寿命(次:10,000) Life time(unit:10,000 time)		额定使用类别 Performance indicate
			接通 Short circuit	分断 Breaking		机械 Mechanical	电气 Electrical	
UKC1-9	220	11	132	110	1800	2500	250	AC3.1.0-0
	440	9	108	90				
UKC1-12	220	13	156	130	1800	2500	250	AC3.1.0-0
	440	12	144	120				
UKC1-18	220	18	216	180	1800	2500	250	AC3.1.0-0
	440	18	216	180				
UKC1-22	220	22	264	220	1800	2500	250	AC3.1.0-0
	440	22	264	220				
UKC1-32	220	32	385	320	1800	1500	200	AC3.1.0-0
	440	32	385	320				
UKC1-40	220	40	480	400	1800	1500	200	AC3.1.0-0
	440	40	480	400				
UKC1-50	220	55	660	550	1200	1000	200	AC3.1.0-0
	440	50	600	500				
UKC1-65	220	65	780	650	1200	1000	200	AC3.1.0-0
	440	65	780	650				
UKC1-75	220	75	900	750	1200	1000	200	AC3.1.0-0
	440	75	900	750				
UKC1-85	220	80	960	800	1200	1000	200	AC3.1.0-0
	440	80	960	800				
UKC1-100	220	105	1050	1050	1200	500	100	AC3.1.0-0
	440	105	1050	1050				
UKC1-125	220	125	1250	1250	1200	500	100	AC3.1.0-0
	440	120	1200	1200				
UKC1-150	220	150	1500	1500	1200	500	100	AC3.1.0-0
	440	150	1500	1500				
UKC1-180	220	180	1800	1800	1200	500	100	AC3.1.0-0
	440	180	1800	1800				
UKC1-220	220	250	2200	2200	1200	500	100	AC3.1.0-0
	440	250	2200	2200				
UKC1-330	220	330	3300	3300	600	300	50	AC3.1.0-0
	440	330	3300	3300				
UKC1-400	220	400	4000	4000	600	100	30	AC3.1.1-1
	440	400	4000	4000				
UKC1-500	220	500	5000	5000	600	100	30	AC3.1.1-1
	440	500	5000	5000				
UKC1-630	220	630	6300	6300	600	100	20	AC3.1.1-1
	440	630	6300	6300				
UKC1-800	220	800	8000	8000	600	100	20	AC3.1.1-1
	440	800	8000	8000				

电气寿命的测试周期(AC3类)  
Test period of electric service life(AC3 type)



电气寿命的测试周期(AC4类)  
Test period of electric service life(AC4 type)

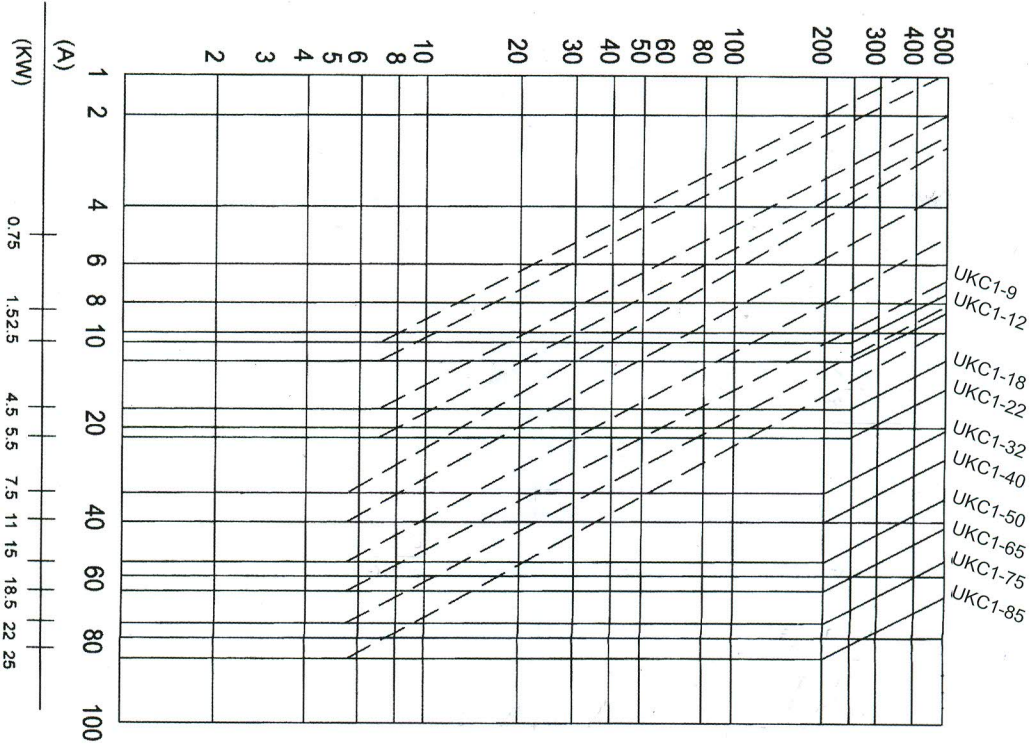


# 技术参数 Technical specifications

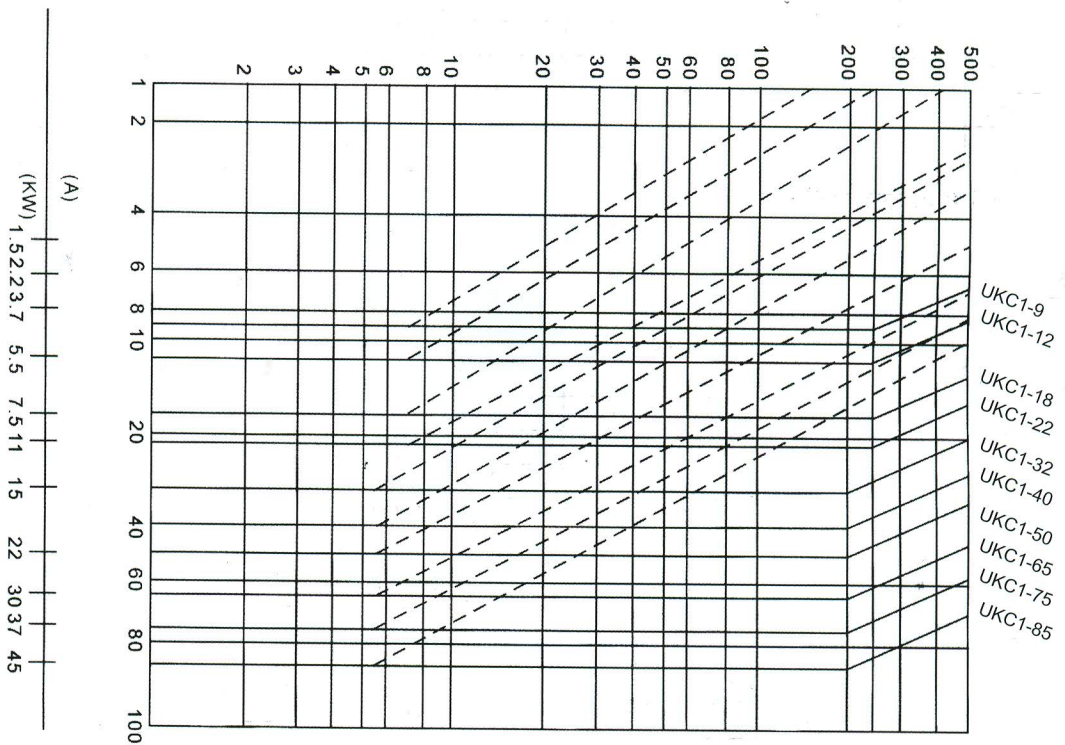
电气寿命曲线图(UKC1-9~85)  
The electrical life time(UKC1-9~85)

寿命(万次)  
Life time (10000 Time)  
Life time (unit:10,000 time)

3 φ AC 200~240V



3 φ AC 380~440V





电气寿命曲线图(UKC1-100~800)  
The electrical life time(UKC1-100~800)

