



国家高新技术企业
National high-tech enterprises

接触器
Contactors

KRIPAL® 科瑞普电气
KRIPAL ELECTRICAL

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· 为了您的安全, 在操作前仔细阅读该用户手册。
· 如需检查, 修理, 或调整请与最近的授权服务联系。
· 当您需要维修请联系一名合格的服务技术员。
· 不要擅自拆卸或修理!
· 任何维修和检查应当由具有专门知识的人员处理。



Safety instructions
安全指示

- For your safety, please read user's manual thoroughly before operating.
- Contact the nearest authorized service facility for examination, repair, or adjustment.
- Please contact a qualified service technician when you need maintenance.
- Do not disassemble or repair by yourself!
- Any maintenance and inspection shall be performed by the personnel having expertise concerned.



生态纸印刷

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科瑞普电气
KRIPAL ELECTRICAL



浙江科瑞普电气有限公司是一家专业从事低压电气、防水电气和新能源电气开关产品的高新技术企业。

公司成立于1992年，经过多年的蓬勃发展，建有完整的遍布全球的销售体系，产品大量出口欧洲、澳洲、美洲、非洲、东南亚和港澳台地区，在当地建立起了良好的品牌效应，2018年年产值达2亿元人民币。获品质浙货——出口名牌称号。

公司现有厂房面积12000余平方米，员工500余人，其中高级工程师10+人，专业技术人员50余人，高级管理人员30余人。严格遵循QS:ISO9001, ES:ISO14001, Rohs要求，产品通过了UL, VDE, TUV, KEMA, SEMKO, SAA, CB等认证。

公司与国内外科研机构广泛合作，引进国外先进的制造和检测设备，先后开发出具有自主知识产权的产品60余种，多项产品已获国家专利，并设立省级技术研发中心，是浙江省专利示范企业。

公司坚持“科学管理、自主创新、协调合作、品牌至上”的企业方针，信守“德行天下”的承诺，践行“与客户合作共赢、与员工共同富裕、为公司创造效益、为社会贡献和谐”的核心价值观，为努力实现专业电气世界品牌梦的使命而奋斗。

Zhejiang KRIPAL Electric Co.,Ltd. is a Hi-Tech Corporation.KRIPAL is one of the Famous Brand for the Quality Export Made In China, and Produced capacity up to 300million USD in the last year.

We are supporting the AC Contactor, Mini Circuit Breaker, Model Case Circuit Breaker, Anti-Explode, Waterproof switch, PV System, etc.since 1992.

We built marketing networkd all over world, and huge quantity exported to Europe, America, Africa, South East Asia, Hongkong, Taiwan, Macaw, etc.KRIPAL is the Qualified Brand in the local marketing.

More than 10 senior engineers, 50 techical workers, and many professional Mangers, with much sets of the hi-tech equipments, KRIPAL cooperated with domestic and foreign R&D institution extensive,developed to 60 classes product line, in which gain 60 cases IPs it is an agent of IPs Valuable Corperation in Zhejiang.

The UL, VDE, TUV, SEMKO, SAA, CE certification warrantied the products performance and safety.QS:ISO9001,ES:ISO14001, Rohs etc. industry standard lead KRIPAL at any time.

KRIPAL adheres to the belief——” Scientific Mangerment, Independent Innovation, Coordinating collabaration, and Brand leading” , will take us standing the front position in further.

More information about us, please login into website www.kripal.com in detail.

Welcome to KRIPAL and WIN-WIN long time.

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接触器

Contactors

3极/4极接触器, 最大800A 3-pole/4-pole contactors, max 800A

3极接触器 3-pole contactors



型号 Model (A)	6	9	12	18	22	32	40	50	65
功率 Power(kW, 400V)	2.2	4	5.5	7.5	11	15	18.5	22	30

4极接触器 4-pole contactors



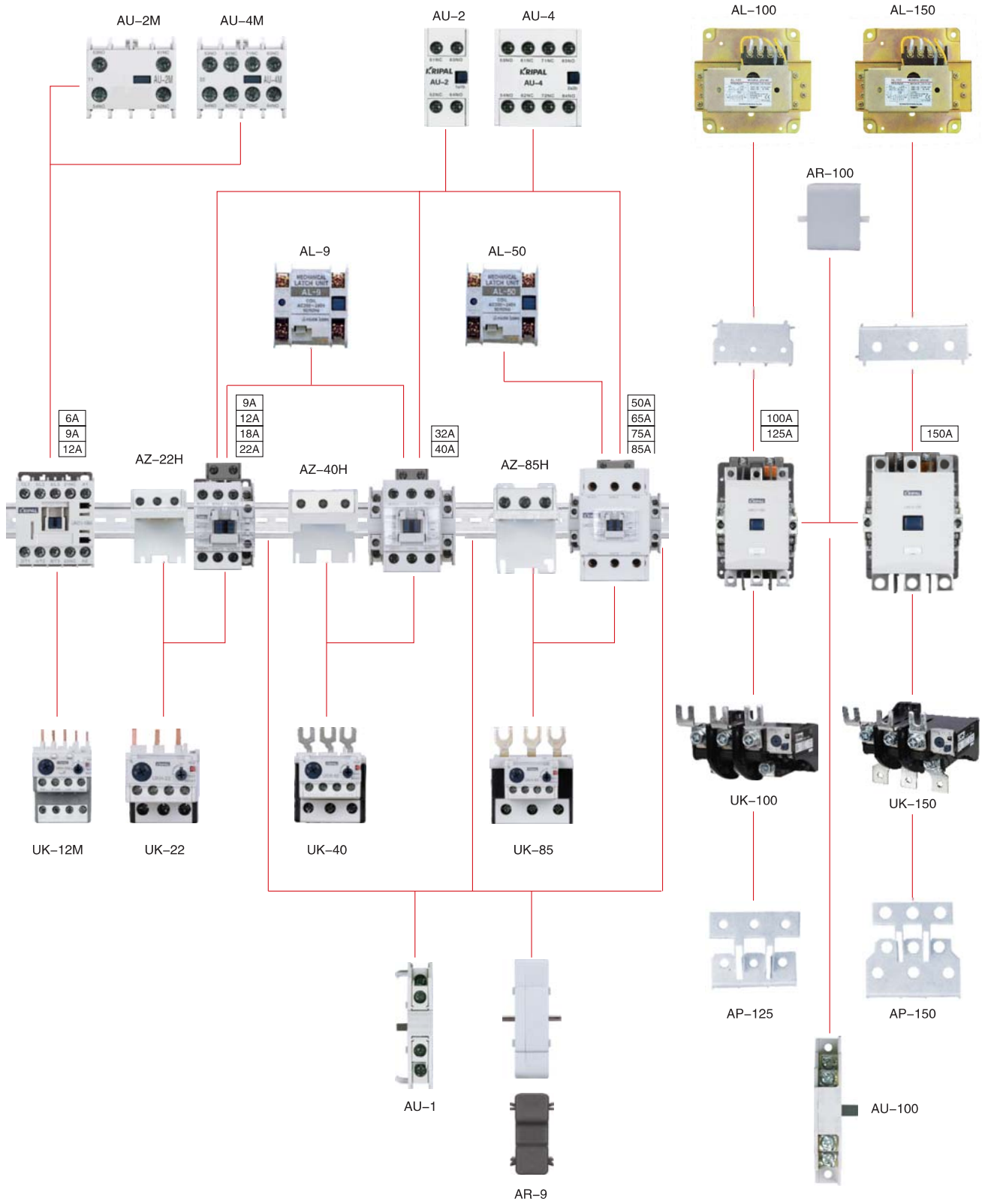


75	85	100	125	150	180	220	330	400	500	630	800
37	45	55	60	75	90	132	200	250	295	400	450



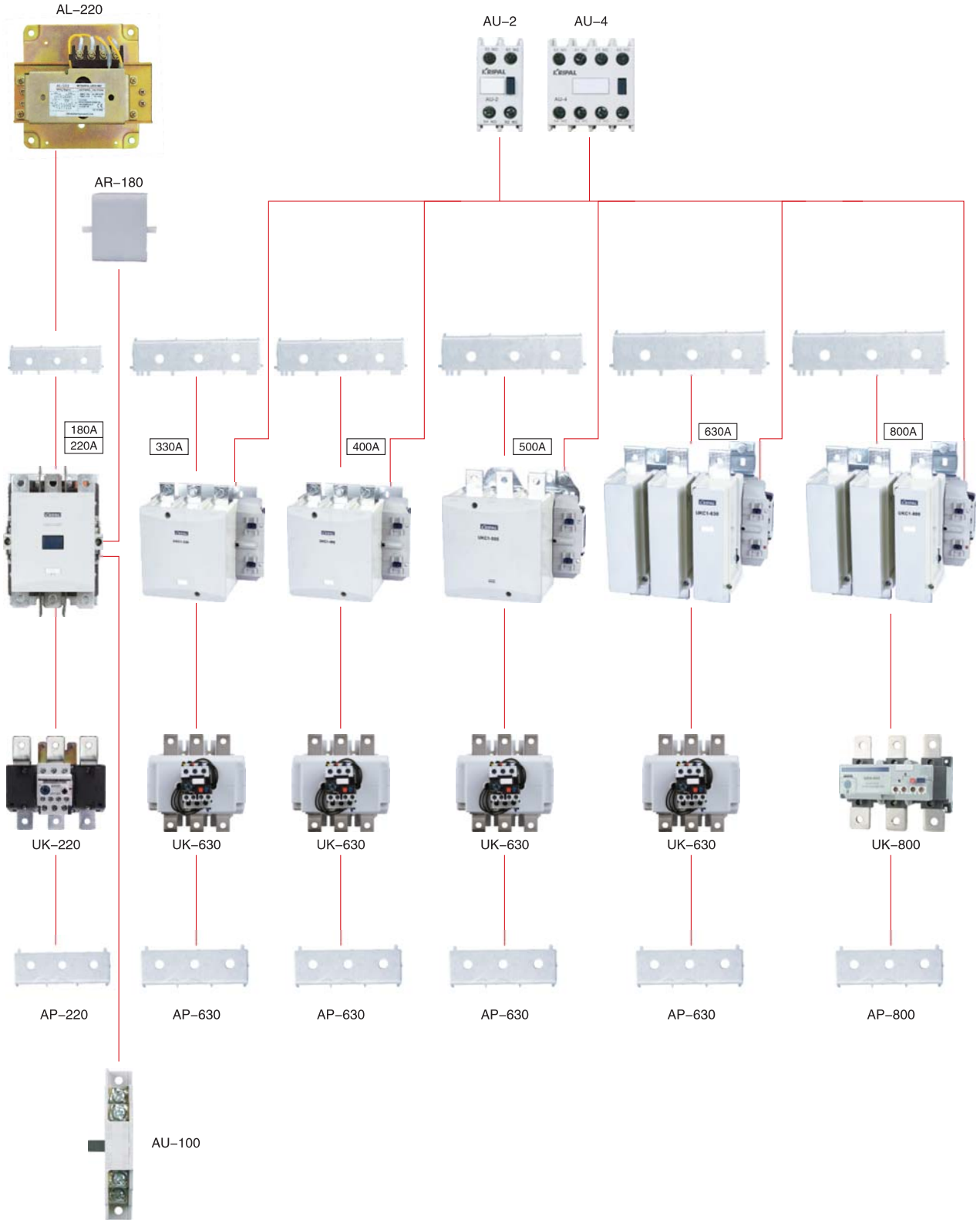
接触器

Contactors



接触器

Contactors



3极接触器

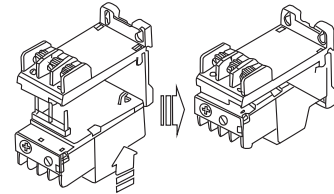
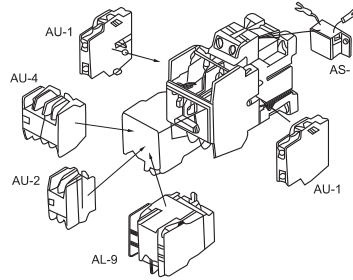
3P Contactor



UKC1-9~85

电磁接触器 Electromagnetic contactor

热过载继电器 Thermal overload relays



使用方便 结构合理 Convenient for use and reasonable structure

- 接触器以及热过载继电器上设置防止触电用防护罩
Auxiliary electrified contact block is used, convenient for installation.
- 使用通电的辅助触头块，安装方便
Contact and heat overload relay are set with electric shock shield.



3种外观尺寸(9A-85A)

- 接触器和热过载继电器按外型尺寸分为三种
Contactor and thermal overload relay is classified into three types according to external dimensions.



热继电器可以直接与接触器插接

- 接触器和热继电器连接时无须其他附件可直接连接
Contactor and thermal relay can be connected directly, without any other fittings



多样化的安装方式

- 可用螺丝安装或直接安装在 35mm DIN 规格标准导轨上
Install by using screws or directly install at the standard guide track of 35 mm.

3极接触器

3P Contactor



UKC1-100~220



使用方便 Convenient for use

- 更换辅助触头不必拆下接触器
It is not necessary to dismantle auxiliary contact block.
- 辅助触头块100A-220A均可通用
Contactor while replacing auxiliary contact.

易于更换线圈 Easy to replace coil

- 使用抽出式线圈结构使更换线圈变的非常容易,不必拆下接触器
It is easy to replace coil for using drawout type coil structure and unnecessary to dismantle contactor.



多种附件 Variety of fittings

- 辅助触头 Reversible type contactor.
- 机械互锁单元 Mechanical interlock unit.
- 机械闭锁单元 Mechanical lock unit.
- 延时断开单元 Delay breaking unit



接线简单 Mechanical lock unit

- 采用夹钳式接线端子
Using clamp type connecting terminal



通过EMC测试 Passing EMC test

- 抗浪涌冲击及电磁辐射
Resistant to surge impact and electromagnetic radiation

宽操作电压范围及实现直流通用

Wide applicability of operating voltage and general use for DC

- 100-240V,直流(DC220V)通用,50Hz和60Hz通用

微型接触器

Mini contactor

微型接触器及附件 Mini contactor and accessories

框架 Frame	AC3(IEC60947)				AC-1 lth
	220~240V	380~440V	500~550V	690V	
6A	1.5KW 7A	2.2KW 6A	3KW 5A	3KW 4A	20A
9A	2.2KW 9A	4KW 9A	3.7KW 6A	4KW 5A	20A
12A	3KW 12A	5.5KW 12A	4KW 7A	4KW 5A	20A
16A	4KW 15A	7.5KW 16A	5.5KW 9A	4KW 5A	20A



过载继电器

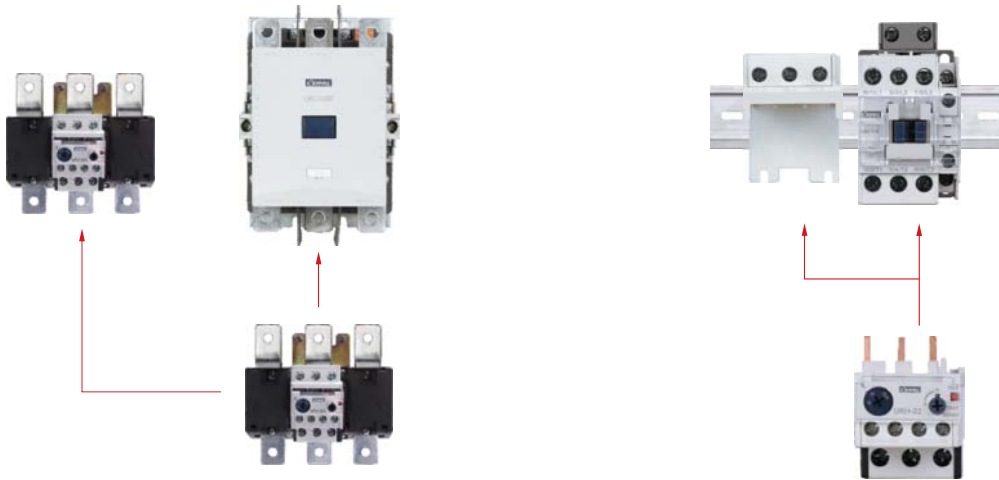
Overload relay

热(双金属片式)式, 最大到220A, UK型热过载继电器可直接与接触器插接, 也可通过附加的独立安装支架独立安装。

Thermal (bimetal element) type, max reaches 220A, UK type thermal overload relay can be connected with contactor directly or individually with the help of additional independent mounting support.

如须单独安装热过载继电器, 可使用单独支座, 并可用螺丝或导轨固定。(适用型号: UKH-22, 40, 85)

If it is required to mount the thermal overload relay separately, use single seat and fix with screws or guide track. (Application type: UKH-22, 40, 85)



热过载继电器, 100A以上可通过螺钉直接安装在安装盘上, 根据规格选择不同的底板。

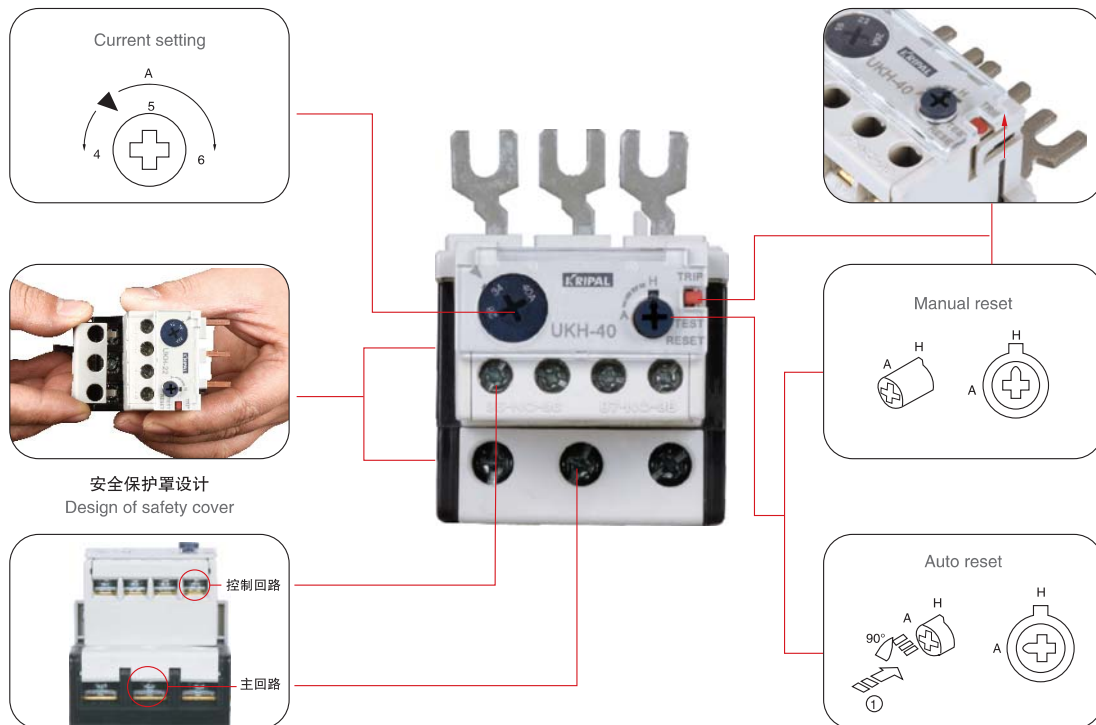
Thermal overload relay of 100A above can be installed at subpanel directly by screw, please select base plate according to the specification.

热过载继电器特点

Thermal overload relays characteristics

热过载继电器脱扣时会向上凸出2、3mm, 表示脱扣状态

The thermal overload relay will protrude about 2-3mm in the case of release, which shows the release status available.









主回路端子和控制回路端子区分明显, 防止人为错误接线。
Main loop terminal has sharp difference from control loop terminal, thus it is hard to make wrong connection.



设置自动复位: 按下复位按钮并向逆时针方向旋转90度
Automatic reset setting: Press down the reset button and rotate anticlockwise for 90degree.

快速选择表

Guide(UKC1-9~22)

型号 Model		UKC1-9	UKC1-12	UKC1-18	UKC1-22	
3极接触器 Three pole contactors						
交流线圈 AC coil		UKC1-9	UKC1-12	UKC1-18	UKC1-22	
直流线圈 DC coil		UKD1-9	UKD1-12	UKD1-18	UKD1-22	
IEC-60947 CE	AC1负载 AC1 Load	25A	25A	40A	40A	
	AC3负载 AC3 Load	200~240V	2.5KW 11A	3.5KW 13A	4.5KW 18A	5.5KW 22A
		380~440V	4KW 9A	5.5KW 12A	7.5KW 18A	11KW 22A
		500~550V	4KW 7A	7.5KW 12A	7.5KW 13A	15KW 22A
		690V	4KW 5A	7.5KW 9A	7.5KW 9A	15KW 18A
UL508 UL	连续电流(ith)	20A	25A	30A	32A	
	单相 Single phase 电机 Motor	115V	0.5HP	0.5HP	1HP	2HP
		230V	1Hp	2Hp	3Hp	3Hp
	三相电机 Three phases Motor	200V	2HP	3HP	5HP	7.5HP
		230V	2HP	3HP	5HP	7.5HP
		460V	5HP	7.5HP	10HP	10HP
575V	7.5HP	10HP	15HP	15HP		
NEMA size		00	00	0	0	
辅助触点 Aux. Contacts		 2极顶部安装 Top mounting of 2-pole		 4极顶部安装 Top mounting of 4-pole		
		 2极侧面安装 Side mounting of 2-pole				
4极接触器 Four pole contactors						
交流线圈 AC coil		UKC1-9/4	UKC1-12/4	UKC1-18/4	UKC1-22/4	
直流线圈 DC coil		UKD1-9/4	UKD1-12/4	UKD1-18/4	UKD1-22/4	
AC1(A)		20	20	25	32	

过载继电器 Overload relay

双金属片式 UK型 Bimetal UK type		 UK-22	额定电流 Rated current(A) 0.1-0.16 : 4-6 0.16-0.25 : 5-8 0.25-0.4 : 6-9 0.4-0.63 : 7-10 0.63-1 : 9-13 1-1.6 : 12-18 1.6-2.5 : 16-22 2.5-4 : 16-22	 独立安装单元 Independent mounting unit
Class 10A	缺相保护型 Phase-failure protection type	UKK-22		
	标准型 Standard type	UKH-22/3		
Class 20A	延时断开型 Delay breaking type	UKK-22/L		

快速选择表

Guide(UKC1-32 ~ 85)

UKC1-32	UKC1-40	UKC1-50	UKC1-65	UKC1-75	UKC1-85
					
UKC1-32	UKC1-40	UKC1-50	UKC1-65	UKC1-75	UKC1-85
UKD1-32	UKD1-40	UKD1-50	UKD1-65	UKD1-75	UKD1-85
50A	60A	80A	100A	110A	135A
7.5KW 32A	11KW 40A	15KW 55A	18.5KW 65A	22KW 75A	25KW 85A
15KW 32A	18.5KW 40A	22KW 50A	30KW 65A	37KW 75A	45KW 85A
18.5KW 28A	22KW 32A	30KW 43A	33KW 60A	37KW 64A	45KW 75A
18.5KW 20A	22KW 23A	30KW 28A	33KW 35A	37KW 42A	45KW 45A
45A	50A	70A	80A	90A	100A
2HP	3HP	3HP	5HP	5HP	7.5HP
5Hp	5Hp	7.5Hp	10Hp	15Hp	15Hp
7.5HP	10HP	10HP	15HP	20HP	25HP
10HP	10HP	15HP	20HP	25HP	30HP
20HP	25HP	30HP	40HP	50HP	50HP
20HP	25HP	30HP	40HP	50HP	50HP
1	1	2	2	2	3





2极顶部安装
Top mounting
of 2-pole



4极顶部安装
Top mounting
of 4-pole



2极侧面安装
Side mounting
of 2-pole

					
UKC1-32/4	UKC1-40/4	UKC1-50/4	UKC1-65/4	UKC1-75/4	UKC1-85/4
UKD1-32/4	UKD1-40/4	UKD1-50/4	UKD1-65/4	UKD1-75/4	UKD1-85/4
50	60	80	100	110	135



UK-40

额定电流 Rated current(A)	
4-6	12-18
5-8	16-22
6-9	18-26
7-10	24-36
9-13	28-40



独立安装单元
Independent
mounting unit



UK-85

额定电流 Rated current(A)	
7-10	28-40
9-13	34-50
12-18	45-65
16-22	54-75
18-26	63-85





独立安装单元
Independent
mounting unit



UKK-40	UKK-85
UKH-40/3	UKH-85/3
UKK-40/L	UKK-85/L

快速选择表

Guide(UKC1-100~150)

型号 Model		UKC1-100		UKC1-125		UKC1-150		
3极接触器 Three pole contactors								
交流线圈 AC coil		UKC1-100		UKC1-125		UKC1-150		
直流线圈 DC coil		UKD1-100		UKD1-125		UKD1-150		
IEC-60947 CE	AC1负载 AC1 Load	150A		150A		200A		
	AC3负载 AC3 Load	200~240V	30KW	105A	37KW	125A	45KW	150A
		380~440V	55KW	105A	60KW	120A	75KW	150A
		500~550V	55KW	85A	60KW	90A	90KW	140A
	690V	55KW	65A	60KW	70A	90KW	100A	
UL508 UL c UL	连续电流(ith)	160A		160A		210A		
	单相 Single phase 电机 Motor	115V	7.5HP		10HP		15HP	
		230V	15HP		20HP		25HP	
	三相电机 Three phases Motor	200V	30HP		40HP		40HP	
		230V	30HP		40HP		50HP	
460V		60HP		75HP		100HP		
	575V	60HP		75HP		100HP		
NEMA size		3		3		4		
辅助触点 Aux. Contacts						AU-100 1NO+1NC, 侧面安装 Side mounting		
4极接触器 Four pole contactors								
交流线圈 AC coil		UKC1-100/4		UKC1-125/4		UKC1-150/4		
直流线圈 DC coil		UKD1-100/4		UKD1-125/4		UKD1-150/4		
AC1(A)		150		155		200		

过载继电器 Overload relay

双金属片式 UK型 Bimetal UK type		UK-100		UK-150	
			额定电流 Rated current(A) 34-50 39-57 43-65 54-80 65-100 85-125		额定电流 Rated current(A) 34-50 39-57 43-65 54-80 65-100 85-125 100-150
Class 10A	缺相保护型 Phase-failure protection type	UKK-100		UKK-150	
	标准型 Standard type	UKH-100/3		UKH-150/3	
Class 20A	延时断开型 Delay breaking type	UKK-100/L		UKK-150/L	









快速选择表

Guide(UKC1-180 ~ 400)

UKC1-180		UKC1-220		UKC1-330		UKC1-400	
							
UKC1-180		UKC1-220		UKC1-330		UKC1-400	
UKD1-180		UKD1-220		UKD1-330		UKD1-400	
230A		260A		400A		500A	
55KW	180A	75KW	250A	100KW	330A	110KW	400A
90KW	180A	132KW	250A	200KW	330A	250KW	400A
110KW	180A	132KW	200A	200KW	310A	257KW	400A
110KW	120A	132KW	150A	200KW	200A	280KW	305A
	230A		275A		400A		500A
15HP		15HP					
30HP		40HP					
60HP		60HP		100HP		125HP	
60HP		75HP		100HP		150HP	
125HP		150HP		200HP		300HP	
125HP		150HP		200HP		300HP	
4		4		5		5	
		AU-100 1NO+1NC, 侧面安装 Side mounting				2极侧面安装 Side mounting of 2-pole	
						4极侧面安装 Side mounting of 4-pole	
							
UKC1-180/4		UKC1-220/4		UKC1-330/4		UKC1-400/4	
UKD1-180/4		UKD1-220/4		UKD1-330/4		UKD1-400/4	
230		260		400		500	
		UK-220 额定电流 Rated current(A) 65-100 85-125 100-150 120-180 160-240				UK-630 额定电流 Rated current(A) 160-250 200-315 250-400 315-500 400-630	
UKK-220				UKK-630			
UKH-220/3				UKH-630/3			
UKK-220/L				-			

快速选择表

Guide(UKC1-500 ~ 800)






型号 Model		UKC1-500	UKC1-630	UKC1-800	
3极接触器 Three pole contactors					
交流线圈 AC coil		UKC1-500	UKC1-630	UKC1-800	
直流线圈 DC coil		UKD1-500	UKD1-630	UKD1-800	
IEC-60947 CE	AC1负载 AC1 Load	700A	1000A	1600A	
	AC3负载 AC3 Load	200-240V	147KW 500A	200KW 630A	220KW 800A
		380-440V	295KW 500A	400KW 630A	450KW 800A
		500-550V	355KW 450A	400KW 600A	450KW 650A
	690V	335KW 355A	450KW 460A	475KW 500A	
UL508 UL c UL	连续电流(ith)	700A	1000A	1600A	
	单相 Single phase 电机 Motor	115V			
		230V			
	三相电机 Three phases Motor	200V	140HP	150HP	200HP
		230V	170HP	200HP	250HP
460V		350HP	400HP	500HP	
	575V	350HP	400HP	500HP	
NEMA size		6	6	7	
辅助触点 Aux. Contacts		 2极侧面安装 Side mounting of 2-pole		 4极侧面安装 Side mounting of 4-pole	
4极接触器 Four pole contactors					
交流线圈 AC coil		UKC1-500/4	UKC1-630/4	UKC1-800/4	
直流线圈 DC coil		UKD1-500/4	UKD1-630/4	UKD1-800/4	
AC1(A)		700	1000	1600	

电子式过载继电器 Electronic overload relay

双金属片式 UK型 Bimetal UK type		 UK-630	额定电流 Rated current(A) 160-250 200-315 250-400 315-500 400-630	 UK-800
Class 10A	缺相保护型 Phase-failure protection type	UKK-630		UKK-800
	标准型 Standard type	UKH-630/3		UKH-800/3
Class 20A	延时断开型 Delay breaking type	UKK-630/L		UKK-800/L


快速选择表

Guide(UKC1-6M ~ 16M)



型号 Model		UKC1-6M	UKC1-9M	UKC1-12M	UKC1-16M														
微型接触器 Mini contactor																			
		螺钉压线式 Screw clamp connection types	快速插接式 Fast-on connection types	夹钳式 Cage clamp connection types	插针焊接式 Solder pin connection types														
交流线圈 AC coil		UKC1-6M	UKC1-9M	UKC1-12M	UKC1-16M														
直流线圈 DC coil		UKD1-6M	UKD1-9M	UKD1-12M	UKD1-16M														
IEC-60947 CE	AC1负载 AC1 Load	20		20															
	AC3负载 AC3 Load	200~240V	1.5KW 7A	2.2KW 9A	3KW 12A	4KW 15A													
		380~440V	2.2KW 6A	4KW 9A	5.5KW 12A	7.5KW 16A													
		500~550V	3KW 5A	3.7KW 6A	4KW 7A	5.5KW 9A													
		690V	3KW 4A	4KW 5A	4KW 5A	4KW 5A													
UL508 UL c UL	连续电流(Ith)	20A		25A															
	单相 Singlephases 电机 Motor	115V	0.5HP	0.5HP	1HP	2HP													
		230V	1HP	2HP	3HP	3HP													
	三相电机 Three phases Motor	200V	2HP	3HP	5HP	7HP													
		230V	2HP	3HP	5HP	7.5HP													
		460V	5HP	7.5HP	10HP	10HP													
575V		7.5HP	10HP	15HP	15HP														
NEMA size		00	00	00	00														
辅助触点 Aux. Contacts		螺钉压线式 Screw clamp connection types AU-2M AU-4M AU-1M	快速插接式 Fast-on connection types AU-2MF AU-4MF	夹钳式 Cage clamp connection types AU-2MC AU-4MC AU-1MC	插针焊接式 Solder pin connection types AU-1MP														
双金属片式 UK型 Bimetal UK type		 <p>UK-12M</p> <p>额定电流 Rated current(A)</p> <table border="0"> <tr><td>0.1-0.16</td><td>2.5-4</td></tr> <tr><td>0.16-0.25</td><td>4-6</td></tr> <tr><td>0.25-0.4</td><td>5-8</td></tr> <tr><td>0.4-0.63</td><td>6-9</td></tr> <tr><td>0.63-1</td><td>7-10</td></tr> <tr><td>1-1.6</td><td>9-13</td></tr> <tr><td>1.6-2.5</td><td>12-16</td></tr> </table>				0.1-0.16	2.5-4	0.16-0.25	4-6	0.25-0.4	5-8	0.4-0.63	6-9	0.63-1	7-10	1-1.6	9-13	1.6-2.5	12-16
0.1-0.16	2.5-4																		
0.16-0.25	4-6																		
0.25-0.4	5-8																		
0.4-0.63	6-9																		
0.63-1	7-10																		
1-1.6	9-13																		
1.6-2.5	12-16																		
Class 10A	缺相保护型 Phase-failure protection type	UKK-12M																	
	标准型 Standard type	UKH-12M/3																	

快速选择表

Guide(UKC2-9~22)





型号 Model		UKC2-9	UKC2-12	UKC2-18	UKC2-22	
3极接触器 Three pole contactors						
交流线圈 AC coil		UKC2-9	UKC2-12	UKC2-18	UKC2-22	
直流线圈 DC coil		UKD2-9	UKD2-12	UKD2-18	UKD2-22	
IEC-60947 CE	AC1负载 AC1 Load	25A	25A	40A	40A	
	AC3负载 AC3 Load	200~240V	2.5KW 11A	3.5KW 13A	4.5KW 18A	5.5KW 22A
		380~440V	4KW 9A	5.5KW 12A	7.5KW 18A	11KW 22A
		500~550V	4KW 7A	7.5KW 12A	7.5KW 13A	15KW 22A
		690V	4KW 5A	7.5KW 9A	7.5KW 9A	15KW 18A
UL508 UL cUL	连续电流(ith)	20A	25A	30A	32A	
	单相 Single phase 电机 Motor	115V	0.5HP	0.5HP	1HP	2HP
		230V	1Hp	2Hp	3Hp	3Hp
	三相电机 Three phases Motor	200V	2HP	3HP	5HP	7.5HP
		230V	2HP	3HP	5HP	7.5HP
		460V	5HP	7.5HP	10HP	10HP
575V		7.5HP	10HP	15HP	15HP	
NEMA size		00	00	0	0	
辅助触点 Aux. Contacts						
		2极顶部安装 Top mounting of 2-pole	4极顶部安装 Top mounting of 4-pole	2极侧面安装 Side mounting of 2-pole		

过载继电器 Overload relay



双金属片式 UK型 Bimetal UK type		 UK-22	额定电流 Rated current(A) 0.1-0.16 : 4-6 0.16-0.25 : 5-8 0.25-0.4 : 6-9 0.4-0.63 : 7-10 0.63-1 : 9-13 1-1.6 : 12-18 1.6-2.5 : 16-22 2.5-4 :	 独立安装单元 Independent mounting unit
Class 10A	缺相保护型 Phase-failure protection type	UKK-22		
	标准型 Standard type	UKH-22/3		
Class 20A	延时断开型 Delay breaking type	UKK-22/L		

快速选择表

Guide(UKC2-32 ~ 40)

型号 Model		UKC2-32	UKC2-40		
3极接触器 Three pole contactors					
交流线圈 AC coil		UKC2-32	UKC2-40		
直流线圈 DC coil		UKD2-32	UKD2-40		
IEC-60947 CE	AC1负载 AC1 Load	50A	60A		
	AC3负载 AC3 Load	200-240V	7.5KW 32A	11KW 40A	
		380-440V	15KW 32A	18.5KW 40A	
		500-550V	18.5KW 28A	22KW 32A	
		690V	18.5KW 20A	22KW 23A	
UL508 UL c UL	连续电流(ith)	45A	50A		
	单相 Single phase 电机 Motor	115V	2HP	3HP	
		230V	5Hp	5Hp	
	三相电机 Three phases Motor	200V	7.5HP	10HP	
		230V	10HP	10HP	
		460V	20HP	25HP	
575V		20HP	25HP		
NEMA size		1	1		
辅助触点 Aux. Contacts		  			
		2极顶部安装 Top mounting of 2-pole	4极顶部安装 Top mounting of 4-pole	2极侧面安装 Side mounting of 2-pole	

过载继电器 Overload relay

双金属片式 UK型 Bimetal UK type			额定电流 Rated current(A) 4-6 : 12-18 5-8 : 16-22 6-9 : 18-26 7-10 : 24-36 9-13 : 28-40		独立安装单元 Independent mounting unit
Class 10A	缺相保护型 Phase-failure protection type	UKK-40			
	标准型 Standard type	UKH-40/3			
Class 20A	延时断开型 Delay breaking type	UKK-40/L			

空调接触器

2P Air Condition contactor



两常开主触头	Two normally open main contacts
轻巧设计, 适用空调、供暖设备、冰箱等	Small and light design suitable for use in air conditioners, heaters, refrigerators, etc
无辅助触头	No auxiliary contact
AC 控制电压	AC control voltage

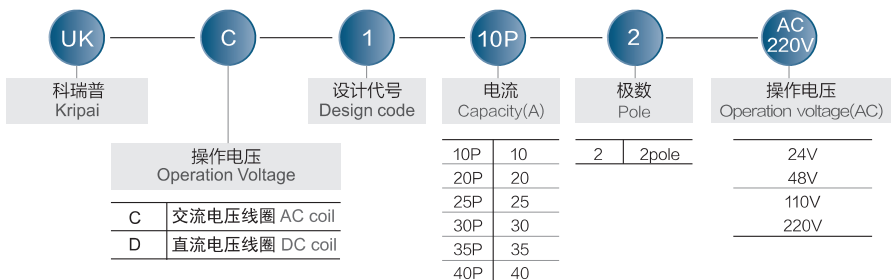
类型 Type	AC3 ratings			lth	Contact	
	220~240V	380~440V	500~550V		NO	NC
UKC1-10P2	10A	8A	6A	20A	2	-
UKC1-20P2	20A	17A	14A	30A	2	-
UKC1-25P2	25A	21A	17A	35A	2	-
UKC1-30P2	30A	23A	21A	40A	2	-
UKC1-35P2	35A	26A	23A	45A	2	-
UKC1-40P2	40A	32A	26A	50A	2	-

交流线圈 AC 50/60Hz
24,36,42,48,110,115,120,127,200/208,220,230,240,380,400,440,480,500,550V AC

控制线圈特性 Control coil characteristics

线圈电压 Coil voltage	线圈能耗 Coil consumption(VA)		热损 Thermal dissipation (W)	操作电压 Operational voltage(V)		线圈电流 Coil current (mA)	操作时间 Operational time(ms)	
	启动 Inrush	保持 Holding		合 Pick-up	分 Drop-out		闭 Closing	开 Opening
24V 50/60Hz	35	6.0	2	18~20	10~15	263	40	30
48V 50/60Hz	35	6.0	2	36~40	19~27	131	40	30
100V 50/60Hz	35	6.0	2	74~81	39~57	63	40	30
110V 50/60Hz	35	6.0	2	78~90	50~64	57	40	30
120V 50/60Hz	35	6.0	2	90~100	52~66	53	40	30
200V 50/60Hz	35	6.0	2	155~165	80~115	32	40	30
220V 50/60Hz	35	6.0	2	160~175	90~120	29	40	30
230V 50/60Hz	35	6.0	2	165~180	110~130	27	40	30
240V 50/60Hz	35	6.0	2	168~185	110~135	26	40	30

产品型号 Type numbering system



空调接触器

3P Air Condition contactor



Description

三个主触头	Three main contacts
轻巧设计, 适用空调、供暖设备、冰箱等	Small and light design suitable for use in air conditioners, heaters, refrigerators, etc
无辅助触头	No auxiliary contact
AC 控制电压	AC control voltage

类型 Type	AC3 ratings			AC4 ratings			lth	Contact	
	220~ 240V	380~ 440V	500~ 550V	220~ 240V	380~ 440V	500~ 550V		NO	NC
UKC1-20D2 UKC1-20D3	20A	17A	14A	18A	13A	10A	30A	2	-
3								-	
2								1	
UKC1-25D2 UKC1-25D3	25A	21A	17A	20A	14A	12A	35A	2	-
3								-	
2								1	

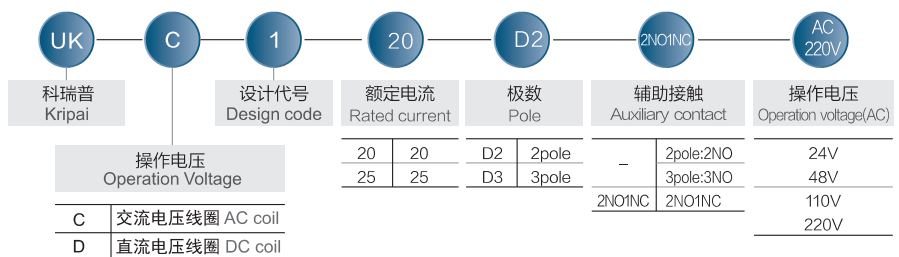
交流线圈 AC 50/60Hz

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

控制线圈特性 Control coil characteristics

线圈电压 Coil voltage	线圈能耗 Coil consumption(VA)		热损 Thermal dissipation (W)	操作电压 Operational voltage(V)		线圈电流 Coil current (mA)	操作时间 Operational time(ms)	
	启动 Inrush	保持 Holding		合 Pick-up	分 Drop-out		闭 Closing	开 Opening
24V 50/60Hz	72	9.0	3	17~19	12.5~15.5	215	30	20
48V 50/60Hz	72	9.0	3	32~36	26~30	125	30	20
110V 50/60Hz	72	9.0	3	75~85	65~75	60	30	20
220V 50/60Hz	72	9.0	3	150~170	120~145	41	30	20

产品型号 Type numbering system



型号标注

Type label

交流接触器 AC contactor

UK — C — 1 — 22 — M — 4 — AC 220V

科瑞普 Kripai

交流接触器操作电压
Contactor Operation Voltage

C	交流电压线圈 AC coil
D	直流电压线圈 DC coil

设计代号
Design code

额定电流(AC 440V基准) Rated current			
6	6A	85	85A
9	9A	100	105A
12	12A	125	120A
16	16A	150	150A
18	18A	180	180A
22	22A	220	250A
32	32A	330	330A
40	40A	400	400A
50	50A	500	500A
65	65A	630	630A
75	75A	800	800A

接触器类型
Contactors type

-	标准型(9-800A)
M	微型(6-16A)

极数 Pole	
-	3极 Three pole
4	4极 Four pole

操作电压
Operate voltage

AC 24-600V
DC 12-250V

热过载继电器 Thermal Overload Relays

UK — H — 22 — M — H — L — 5A

科瑞普 Kripai

热过载继电器类型
Overload Relays Application

H	普通/标准型 General/Standard
K	缺相保护型 Differential

框架电流 Ampere frame	
12	0.10~16A
22	0.10~22A
40	12~40A
85	24~85A
100	65~100A
150	34~150A
220	65~240A
630	200~630A

型式
Type

-	标准型 (Max 630A)
M	微型 (Max 16A)

安装
Mounting

-	插接型 Oncontactor
H	独立安装型 Separate mounting

应用
Application

-	标准型 Standard
L	20秒型 20 sec.opening

标称电流 sign-name current						
0.14	0.1~0.16	11	9~13	56	43~65	
0.21	0.16~0.25	15	12~18	67	54~80	
0.33	0.25~0.4	19	16~22	80	65~100	
0.52	0.4~0.63	22	18~26	107	85~125	
0.82	0.63~1	30	24~36	130	100~160	
1.3	1~1.6	34	28~40	150	120~180	
2.1	1.6~2.5	42	34~50	200	160~240	
3.3	2.5~4	55	45~65	285	200~330	
5	4~6	65	54~75	425	300~500	
6.5	5~8	74	63~85	535	380~630	
7.5	6~9	41	34~50			
8.5	7~10	48	39~57			

中间继电器 Contactor relays

UKR — 4 — D — AC 220V

科瑞普中间继电器
Contactor relays

型号 Type	触点数 No. Contacts
4	4对触点 4 Contacts
6	6对触点 6 Contacts
8	8对触点 8 Contacts

操作电流
Operation current

-	交流线圈 AC coil
D	直流线圈 DC coil

操作电压
Operation voltage

AC 24-600V
DC 12-250V

辅助触点 Auxiliary contacts

AU — 100

辅助触点
Auxiliary contacts

型号 Type	触点数 No. of contact	安装位置 Install place	适用接触器 Applied MC
2	2对 2Contacts	顶部 Top	UKC1-9~85
4	4对 4Contacts	顶部 Top	UKC1-330~800
1	2对 2Contacts	侧面 Side	UKC1-9~85
100	2对 2Contacts	侧面 Side	UKC1-100~220

机械联锁单元 Mechanical interlock unit

AR — 100 — V

机械互锁单元
Mechanical interlock unit

型号 Type	适用接触器 Applied MC
9	UKC1-9~85
100	UKC1-100~150
180	UKC1-180~220
330	UKC1-330~500
630	UKC1-630~800

位置
Place

-	水平 Level
V	垂直 Plumb

微型接触器

Mini Contactor



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	2.2KW	3KW	3KW	20A	1NO or 1NC	UKC1-6M
	7A	6A	5A	4A			
9A	2.2KW	4KW	3.7KW	4KW	20A	1NO or 1NC	UKC1-9M
	9A	9A	6A	5A			
12A	3KW	5.5KW	4KW	4KW	20A	1NO or 1NC	UKC1-12M
	12A	12A	7A	5A			
16A	4KW	7.5KW	5.5KW	4KW	20A	1NO or 1NC	UKC1-16M
	15A	16A	9A	5A			

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 timez)	AC-3	100	100	100	100
	AC-4	20	20	20	20
机械寿命(万次) Mechanical Life time (10,000 timez)		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
线圈耗损(W) Coil consumption(W)	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

微型接触器

Mini Contactor

直流线圈 DC 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：直流

Coil voltage: DC



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	2.2KW	3KW	3KW	20A	1NO or 1NC	UKD1-6M
	7A	6A	5A	4A			
9A	2.2KW	4KW	3.7KW	4KW	20A	1NO or 1NC	UKD1-9M
	9A	9A	6A	5A			
12A	3KW	5.5KW	4KW	4KW	20A	1NO or 1NC	UKD1-12M
	12A	12A	7A	5A			
16A	4KW	7.5KW	5.5KW	4KW	20A	1NO or 1NC	UKD1-16M
	15A	16A	9A	5A			

直流线圈 DC coil

标准型 Standard type: 12, 20, 24, 36, 42, 48, 60, 72, 110, 120, 125, 220, 240, 250V DC

低损耗型 Low-loss type: 12, 20, 24, 48, 72, 110, 120V DC(低 Low)

宽电压型 Wide-voltage type : 12, 20, 24, 48, 72, 110, 120V DC(宽 Wide)



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) Machanical 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



线圈特点 Characteristics of the coil

线圈电压 Coil Voltage	DC		
	标准型 Standard	低损耗型 Low-loss	宽电压型 Wide-voltage
线圈耗损(W) Coil consumption(VA)	3	1.2	2
吸合 Pick-up	3W	1.2W	2W
维持 Maintain	3W	1.2W	2W
吸合电压范围(%) Selectiof of pick-up voltage	80~110	80~125	70~125
断开电压范围(%) Selectiof of droup-out voltage	10~30	10~30	10~30
吸合时间(ms) Pick-up times	40~50	40~50	40~50
断开时间(ms) Droup-out times	35~45	35~45	35~45

可逆微型接触器

Reversing contactors of mini type

可逆型接触器 Reversing contactor

用于电机控制 For motor control
 机械连锁 Mechanical interlock
 线圈电压：交、直流 Coil voltage: AC or DC



交流线圈 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			
6A	1.5KW 7A	2.2KW 6A	3KW 5A	3KW 4A	20A	1NO or 1NC	UKC1-6MR
9A	2.2KW 9A	4KW 9A	3.7KW 6A	4KW 5A	20A	1NO or 1NC	UKC1-9MR
12A	3KW 12A	5.5KW 12A	4KW 7A	4KW 5A	20A	1NO or 1NC	UKC1-12MR
16A	4KW 15A	7.5KW 16A	5.5KW 9A	4KW 5A	20A	1NO or 1NC	UKC1-16MR

交流线圈, AC 50/60Hz

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

直流线圈 DC coil

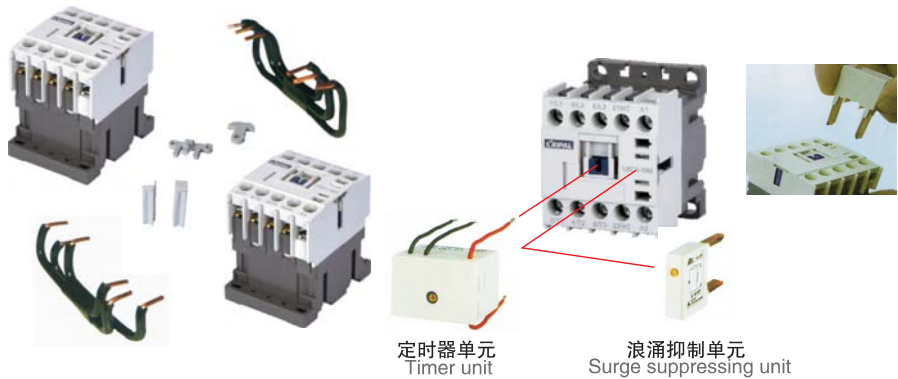
额定电流 Rated current	AC3(IEC60947)				AC1 lth	辅助触点(标准) Aux. Contacts	型号 Type
	220~240V	380~440V	500~550V	690V			
6A	1.5KW 7A	2.2KW 6A	3KW 5A	3KW 4A	20A	1NO or 1NC	UKD1-6MR
9A	2.2KW 9A	4KW 9A	3.7KW 6A	4KW 5A	20A	1NO or 1NC	UKD1-9MR
12A	3KW 12A	5.5KW 12A	4KW 7A	4KW 5A	20A	1NO or 1NC	UKD1-12MR
16A	4KW 15A	7.5KW 16A	5.5KW 9A	4KW 5A	20A	1NO or 1NC	UKD1-16MR

直流线圈 DC coil

标准型 Standard type: 12, 20, 24, 36, 42, 48, 60, 72, 110, 120, 125, 220, 240, 250V DC

低损耗型 Low-loss type: 12, 20, 24, 48, 72, 110, 120V DC(低 Low)

宽电压型 Wide-voltage type : 12, 20, 24, 48, 72, 110, 120V DC(宽 Wide)



定时器单元
Timer unit

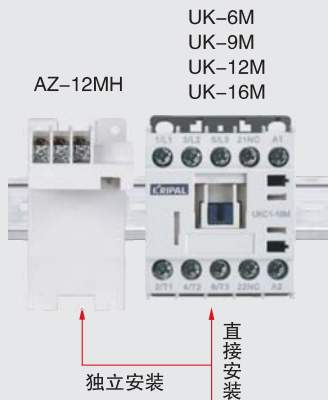
浪涌抑制单元
Surge suppressing unit

微型热过载继电器

Mini thermal overload relay



UK-12M



AZ-12MH

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



UK-12M

特点 Characteristics

- 可直接与接触器插接。
 - 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

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.

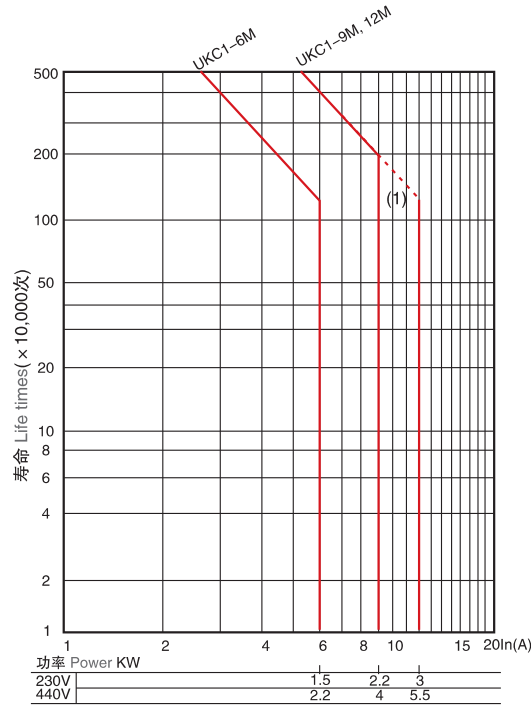
AC15(11)负载 load			DC13(11)负载 load	
110V	220V	550V	110V	220V
2.5(0.3)A	2(0.3)A	1(0.3)A	0.28A	0.14A

微型接触器曲线图

Curve

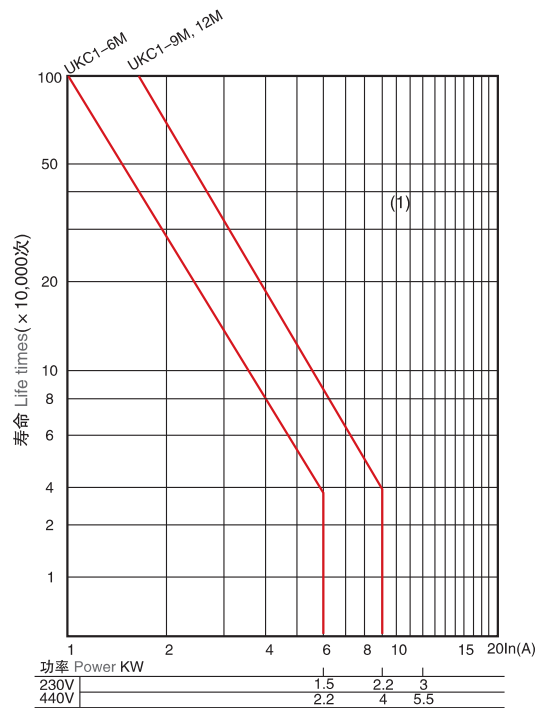
电气寿命曲线 Electrical life curve

使用环境
Service environment
AC-3 (Ue ≥ 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 (Ue ≥ 440V)



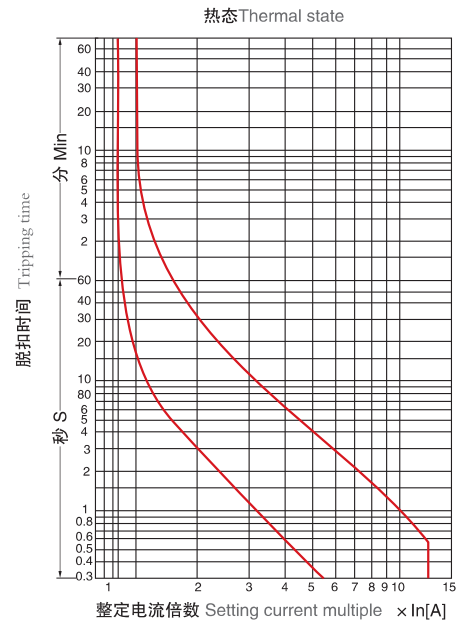
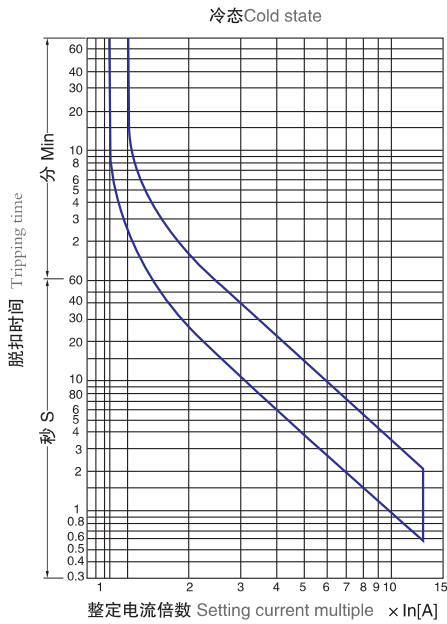
2) 虚线适用于 UKC1-12M 接触器
The broken line is suitable for UKC1-12M contactor

微型热过载继电器曲线图

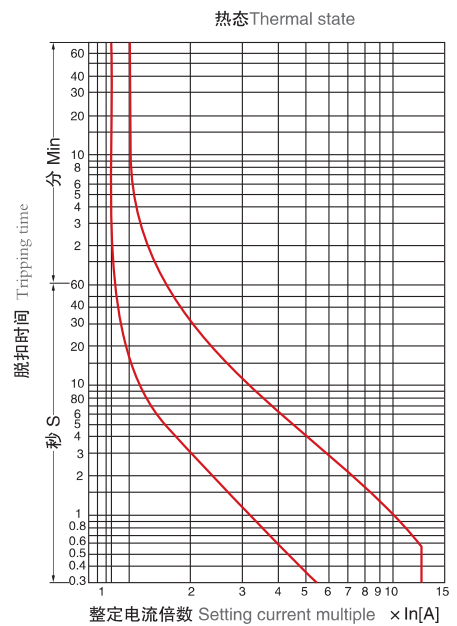
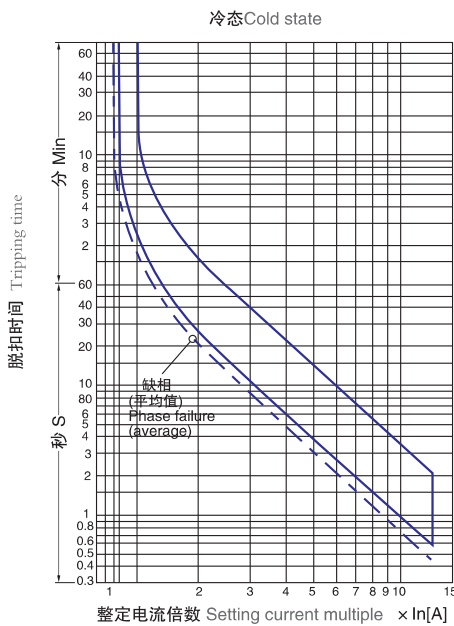
Curve

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



UKS交流电动机起动器

UKS AC Motor starter



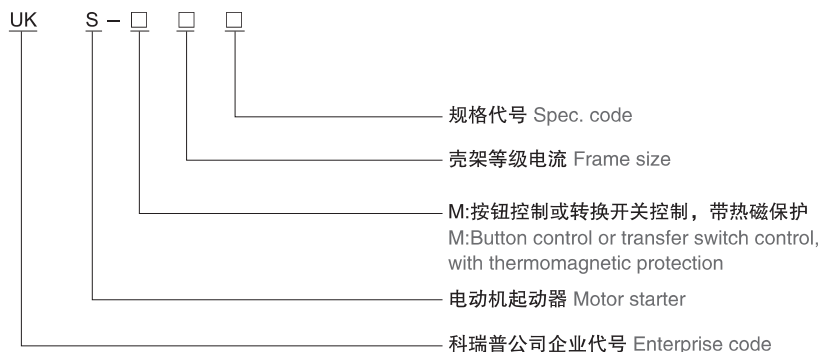
UKS-M3207



UKS-M8080



型号及含义 Model description



UKS-M32电动机带热磁保护起动器

UKS-M32 motor with thermomagnetic protection starter

按钮控制或转换开关控制 Button control or transfer switch control

50/60Hz, AC-3类 50/60Hz, category AC-3 三相电动机标准额定功率 Standard rated power of three-phase motor				热脱扣 Thermal tripping 设定范围 Setting range	磁脱扣 Magnetic tripping 电流 Current	带外壳时 With enclosure Ithe电流 Ithe current	型号 Model (按钮控制) (Button control)	重量 Weight
230V	400V	415V	440V	A	A	A		kg
kW	kW	kW	kW					
-	-	-	-	0.1...0.16	1.5	0.16	UKS-M3201	0.260
-	-	-	-	0.16...0.25	2.4	0.25	UKS-M3202	0.260
-	-	-	-	0.25...0.40	5	0.40	UKS-M3203	0.260
-	-	-	-	0.40...0.63	8	0.63	UKS-M3204	0.260
-	-	-	0.37	0.63...1	13	1	UKS-M3205	0.260
-	0.37	-	0.55	1...1.6	22.5	1.6	UKS-M3206	0.260
0.37	0.75	0.75	1.1	1.6...2.5	33.5	2.5	UKS-M3207	0.260
0.75	1.5	1.5	1.5	2.5...4	51	4	UKS-M3208	0.260
1.1	2.2	2.2	3	4...6.3	78	6.3	UKS-M3210	0.260
2.2	4	4	4	6...10	138	9	UKS-M3214	0.260
3	5.5	5.5	7.5	9...14	170	13	UKS-M3216	0.260
4	7.5	9	9	13...18	223	17	UKS-M3220	0.260
5.5	11	11	11	17...23	327	21	UKS-M3221	0.260
5.5	11	11	11	20...25	327	23	UKS-M3222	0.260
7.5	15	15	15	24...32	416	24	UKS-M3232	0.260

UKS-M80电动机带热磁保护起动器

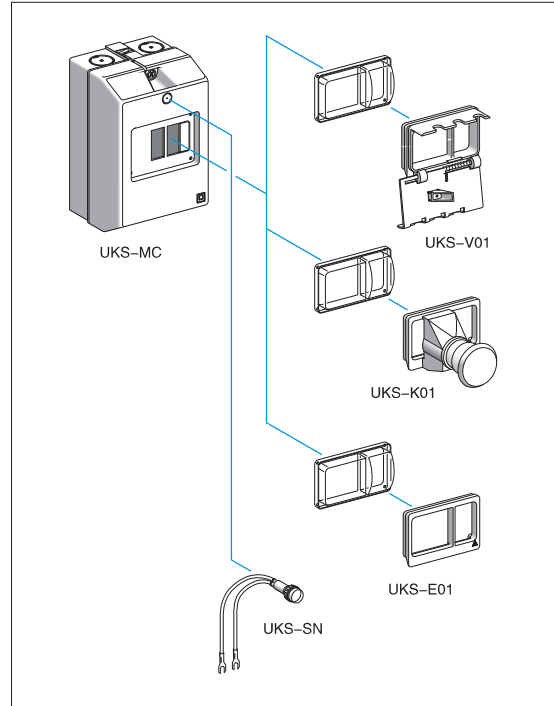
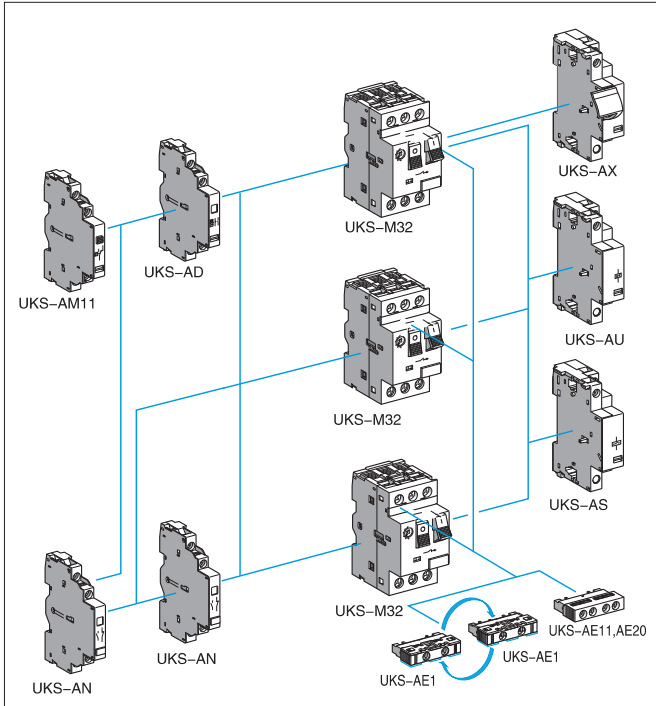
UKS-M80 motor with thermomagnetic protection starter

按钮控制 Button control

50/60Hz, AC-3类 50/60Hz, category AC-3 三相电动机标准额定功率 Standard rated power of three-phase motor				热脱扣 Thermal tripping 设定范围 Setting range	磁脱扣电流 Magnetic tripping Current	型号 Model 按钮控制 Button control	重量 Weight
230V	400V	415V	440V	A	I _d ± 20%		kg
kW	kW	kW	kW				
-	0.37	-	0.55	1 to 1.6	19.2	UKS-M8006	0.600
0.37	0.75	1.1	1.1	1.6 to 2.5	30	UKS-M8007	0.600
0.75	1.5	1.5	1.5	2.5 to 4	48	UKS-M8008	0.600
1.1	2.2	2.2	3	4 to 6	72	UKS-M8010	0.600
2.2	4	4	4	6 to 10	120	UKS-M8014	0.600
4	7.5	7.5	7.5	10 to 16	192	UKS-M8020	0.600
5.5	11	11	11	16 to 25	300	UKS-M8025	0.600
1	18.5	22	22	25 to 40	480	UKS-M8040	0.700
15	30	33	33	40 to 63	756	UKS-M8063	0.700
22	40	45	45	56 to 80	960	UKS-M8080	0.700

UKS交流电动机起动机

UKS AC Motor starter



UKS-M32附加接触块 UKS-M32 Additional contact block

类型 Type	安装 Installation	触头类型 Contact type	型号 Model	重量 Weight
瞬时辅助触头 Instantaneous auxiliary contact	前面(每一断路器1块) Front (1 pcs for each circuit breaker)	N/O or N/C	UKS-AE1	0.020
		N/O+N/C	UKS-AE11	0.020
	侧面(断路器左侧最多2块) Side (2 pcs at most for left of circuit breaker)	N/O+N/O	UKS-AE20	0.020
		N/O+N/C	UKS-AN11	0.050
故障信号触头 + 瞬时辅助触头 Fault signal contact + Instantaneous auxiliary contact	侧面(断路器左侧1块) Side(1 pcs for left of circuit breaker)	N/O +N/O	UKS-AD1010	0.055
		故障 Fault +N/C	UKS-AD1001	0.055
		N/C +N/O	UKS-AD0110	0.055
		故障 Fault +N/C	UKS-AD0101	0.055
短路信号触头 Short-circuit signal contact	侧面(断路器左侧1块) Side(1 pcs for left of circuit breaker)	C/O	UKS-AM11	0.045
		普通点 Common contact		

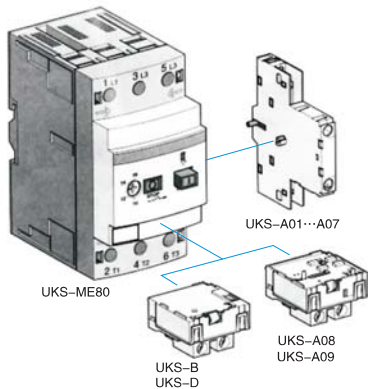
UKS-M32电脱扣 UKS-M32 Electrical tripping

类型 Type	安装 Installation	电压 Voltage	型号 Model	重量 Weight
低压脱扣 LV tripping	侧面(断路器右侧1块) Side (1 pcs for right of circuit breaker)	110...127V 50Hz	UKS-AU115	0.105
		220...240V 50Hz	UKS-AU225	0.105
		380...415V 50Hz	UKS-AU385	0.105
并联脱扣 Shunt tripping	侧面(断路器右侧1块) Side(1 pcs for right of circuit breaker)	110...127V 50Hz	UKS-AS115	0.105
		220...240V 50Hz	UKS-AS225	0.105
		380...415V 50Hz	UKS-AS385	0.105
低压脱扣 INRS LV tripping INRS		110...127V 50Hz	UKS-AX115	0.110
		220...240V 50Hz	UKS-AX225	0.110
		380...415V 50Hz	UKS-AX385	0.110

UKS交流电动机起动器

UKS AC Motor starter

UKS-M80附加触头块 UKS-M80 Additional contact block



类型Type	安装Installation	触头类型Contact type	型号Type	重量Weight
瞬时辅助触头 Instantaneous auxiliary contact	侧面(断路器右侧1块) Side (1pcs for right of circuit breaker)	N/C+N/O	UKS-A01	0.060
		N/O+N/O	UKS-A02	0.060
		N/C+N/O+N/O	UKS-A03	0.070
		N/O+N/O+N/O	UKS-A05	0.070
		N/O+N/O+2无源接线端子 N/O+N/O+2 passive terminal block	UKS-A06	0.070
故障信号触头 Fault signal contact	内部(断路器内部1个) Inside (1pcs inside the circuit breaker)	N/C+N/O+2无源接线端子 N/C+N/O+2 passive terminal block	UKS-A07	0.070
		N/C	UKS-A08	0.030
		N/O	UKS-A09	0.030

UKS-M80电脱扣 UKS-M80 Electrical tripping

类型Type	安装Installation	电压Voltage	型号Type	重量Weight
低压脱扣L V tripping	内部(断路器内部1个) Inside (1pcs inside the circuit breaker)	110...127V 50Hz	UKS-B11	0.070
		220...240V 50Hz	UKS-B22	0.070
		380...415V 50Hz	UKS-B38	0.070
并联脱扣 Shunt tripping	内部(断路器内部1个) Inside (1pcs inside the circuit breaker)	110...127V 50Hz	UKS-D11	0.070
		220...240V 50Hz	UKS-D22	0.070
		380...415V 50Hz	UKS-D38	0.070

UKS系列电动机起动器 UKS series motor starter

技术参数 分断能力选择表 Technical parameters & breaking capacity selection table



起动器类型 Type of starter		UKS-M32										
			01-06	07	08	10	14	16	20	21	22	32
额定值 Rated value		A	0.1-1.6	2.5	4	6.3	10	14	18	23	25	32
符合IEC947-2的断路容量 In accordance with breaking capacity of IEC947-2	230/240V	Icu kA	★	★	★	★	★	30	30	30	30	30
		Ics % (1)	★	★	★	★	★	100	100	100	100	100
	400/415V	Icu kA	30	30	30	30	10	10	10	10	10	10
		Ics % (1)	50	50	50	50	50	50	50	50	50	50
	440V	Icu kA	20	20	20	20	8	8	8	6	6	6
		Ics % (1)	50	50	50	50	50	50	50	50	50	50
500V	Icu kA	10	10	10	10	6	6	6	4	4	4	
	Ics % (1)	75	75	75	75	75	75	75	75	75	75	
690V	Icu kA	3	3	3	3	3	3	3	3	3	3	
	Ics % (1)	75	75	75	75	75	75	75	75	75	75	

起动器类型 Type of starter		UKS-M32										
			01-06	06	07	08	10	16	20	21	22	32
额定值 Rated value		A	0.1-1.6	1.6	2.5	4	6.3	14	18	23	25	32
只有当Ics>断电容量的时候需要的备用熔断器符合IEC947-2修正1。 Only when Ics>breaking capacity Icu, the needed reserve fuse is in accordance with IEC947-2 Revision 1	230/240V	aM	★	★	★	★	★	★	★	80	80	80
		gl	★	★	★	★	★	★	★	100	100	100
	400/415V	aM	★	★	★	★	★	63	63	80	80	80
		gl	★	★	★	★	★	80	80	100	100	100
	400V	aM	★	★	★	50	50	50	50	63	63	63
		gl	★	★	★	63	63	63	63	80	80	80
	500V	aM	★	★	★	50	50	50	50	50	50	50
		gl	★	★	★	63	63	63	63	63	63	63
	690V	aM	★	16	25	32	32	40	40	40	40	40
		gl	★	20	32	40	40	50	50	50	50	50

UKS交流电动机起动器

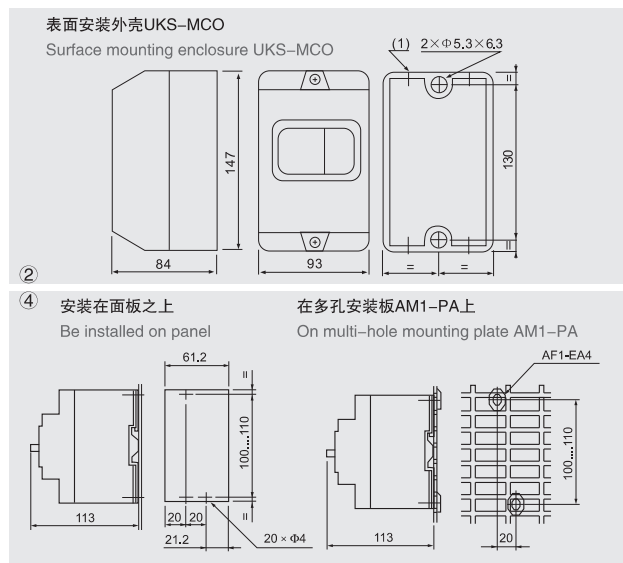
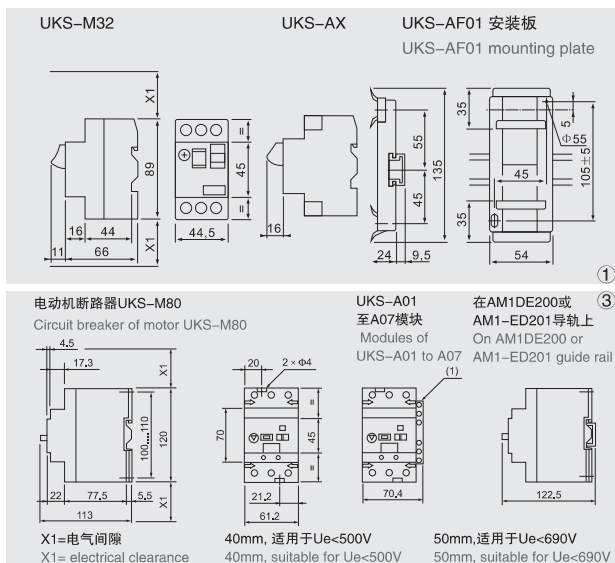
UKS AC Motor starter

起动器类型 Type of starter		UKS-M32													
		01	02	03	04	05	06	07	08	10	14	16	20	21	22
额定值 Rated value	A	0.16	0.25	0.40	0.63	1	1.6	2.5	4	6.3	10	14	18	23	25
短路时防热应力电线保护(PVC绝缘铜导线) Heat protection stress wire protection at short-circuit condition (PVC insulated copper conductor)															
40°C最大Ics时的最小保护电缆尺寸 Min protective cable dimension at 40°C and max Ics	1mm ²	-	-	-	-	-	-	-	-	≤10kA	≤6kA	(1)	(1)	(1)	(1)
	1.5mm ²	-	-	-	-	-	-	-	-	≤20kA	≤10kA	(1)	(1)	(1)	(1)
	2.5...6mm ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-

起动器类型 Type of starter		UKS-M80										
		06	07	08	10	14	20	25	40	63	80	
额定值 Rated value	A	1.6	2.5	4	6	10	16	25	40	63	80	
符合IEC947-2的分断能力 In accordance with breaking capacity of IEC947-2 ★分断能力Icu>Ics Breaking capacity Icu>Ics	230/240V	Lcu kA	★	★	★	★	★	★	75	75	75	75
		Lcs % (1)	★	★	★	★	★	★	★	75	75	75
	400/415V	Lcu kA	6.0	6.0	6.0	6.0	6.0	35	35	30	30	12
		Lcs % (1)	5.0	5.0	5.0	5.0	5.0	50	50	50	50	50
	440V	Lcu kA	6.0	6.0	6.0	6.0	6.0	25	25	25	25	10
		Lcs % (1)	5.0	5.0	5.0	5.0	5.0	50	50	50	50	50
500V	Lcu kA	2.0	2.0	2.0	2.0	2.0	10	8	8	8	4	
	Lcs % (1)	7.5	7.5	7.5	7.5	7.5	75	75	75	75	75	
690V	Lcu kA	3	3	3	3	3	4	4	4	4	2	
	Lcs % (1)	7.5	7.5	7.5	7.5	7.5	75	75	75	75	75	
如果分断能力Ics>Icu 可采用相应的熔断器 When breaking capacity Ics>Icu, corresponding fuse can be adopted ★无需熔断器 Dispense with fuse	230/240V	aM A	★	★	★	★	★	★	80	★	★	★
		gl A	★	★	★	★	★	★	100	★	★	★
	400/415V	aM A	★	★	★	★	★	63	80	250	315	315
		gl A	★	★	★	★	★	80	100	315	400	400
	440V	aM A	★	★	★	50	50	50	63	250	315	315
		gl A	★	★	★	63	63	63	80	315	400	400
	500V	aM A	★	★	★	50	50	50	50	160	200	200
		gl A	★	★	★	63	63	63	63	200	250	250
	690V	aM A	★	6	25	32	32	40	40	160	200	200
		gl A	★	10	32	40	40	50	50	200	250	250

★无需熔断器。断容量Icu>Ics (1)电缆未保护电缆保护 Dispense with fuse. Breaking capacity Icu>Ics (1) Cable end protection-cable protection

外形尺寸和安装尺寸 Outline dimension and installation dimension



3极接触器

3P Contactor



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 Ith	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 Ith	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 ² /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

3P Contactor

可选附件
Optional accessory



UK-22
热(双金属片)式
UK-22 thermal
(bimetal) type



AU-1 辅助触点单元,
2极侧装
AU-1 auxiliary contact unit,
2-pole, side mounting



AU-2 辅助触点单元,
2极顶部安装
AU-2 auxiliary contact unit,
2-pole, top mounting



AU-4 辅助触点单元,
4极顶部安装
AU-4 auxiliary contact unit,
4-pole, top mounting



AR-9 机械联锁单元
Mechanical interlock unit



AL-9 机械闭锁单元
AL-9 Mechanical lock unit



AS 浪涌抑制单元
AS Surge suppressing unit



AD-9 延时断开单元
AD-9 Delay breaking unit

3极接触器

3P Contactor



特点 Characteristics

- 一个框架两个额定电流等级
 - 3对主触点
 - 防触电安全罩设计
 - 导轨或螺钉安装
 - 尺寸小: 68mm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 two rated current classes
 - 3 pairs of main contacts
 - Design of anti-electric shock cover
 - Fixed by guide rail or screw
 - Small size: 68mm 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			
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 ² / 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

3P Contactor

可选附件
Optional accessory



UK-40
热(双金属片)式
UK-40 thermal
(bimetal) type



AU-1 辅助触点单元,
2极侧装
AU-1 auxiliary contact unit,
2-pole, side mounting



AU-2 辅助触点单元,
2极顶部安装
AU-2 auxiliary contact unit,
2-pole, top mounting



AU-4 辅助触点单元,
4极顶部安装
AU-4 auxiliary contact unit,
4-pole, top mounting



AR-9 机械联锁单元
AR-9 Mechanical
interlock unit



AL-9 机械闭锁单元
AL-9 Mechanical lock unit



AS 浪涌抑制单元
AS Surge suppressing unit



AD-9 延时断开单元
AD-9 Delay breaking unit

3极接触器

3P Contactor



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
 - 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
 - Fixed by guide rail or screw
 - 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			
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
		65/75/85A 框架 Frame	螺钉压线式端子 Screw crimping terminal
			线径 Wire dia: 2~22mm ²
			线径 Wire dia: 2~38mm ²
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

3P Contactor

可选附件
Optional accessory



UK-85
热(双金属片)式
UK-85 thermal
(bimetal) type



AU-1 辅助触点单元,
2极侧装
AU-1 auxiliary contact unit,
2-pole, side mounting



AU-2 辅助触点单元,
2极顶部安装
AU-2 auxiliary contact unit,
2-pole, top mounting



AU-4 辅助触点单元,
4极顶部安装
AU-4 auxiliary contact unit,
4-pole, top mounting



AR-9 机械联锁单元
AR-9 Mechanical
interlock unit



AL-50 机械闭锁单元
AL-50 Mechanical
lock unit



AS 浪涌抑制单元
AS Surge suppressing unit



AD-50 延时断开单元
AD-50 Delay breaking
unit

3极接触器

3P Contactor

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
 - 1NO+1NC辅助触点为标准配置
 - 可在顶部/侧面安装附件
- one frame with four rated current classes
 - 3 pairs of main contacts
 - Design of anti-electric shock cover
 - Fixed by guide rail or screw
 - 1NO+1NC auxiliary contacts are of standard designed
 - 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 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	UKC1-50K
	55A	50A	43A	28A			
65A	18.5kW	30kW	33kW	33kW	100A	1NO +1NC	UKC1-65K
	65A	65A	60A	35A			
75A	22kW	37kW	37kW	37kW	110A	1NO +1NC	UKC1-75K
	75A	75A	64A	42A			
85A	25kW	45kW	45kW	45kW	135A	1NO +1NC	UKC1-85K
	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	UKD1-50K
	55A	50A	43A	28A			
65A	18.5kW	30kW	33kW	33kW	100A	1NO +1NC	UKD1-65K
	65A	65A	60A	35A			
75A	22kW	37kW	37kW	37kW	110A	1NO +1NC	UKD1-75K
	75A	75A	64A	42A			
85A	25kW	45kW	45kW	45kW	135A	1NO +1NC	UKD1-85K
	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



3极接触器

3P Contactor

可选附件
Optional accessory



		<p>AU-1 辅助触点单元, 2极侧装 AU-1 auxiliary contact unit, 2-pole, side mounting</p>
		<p>AU-2 辅助触点单元, 2极顶部安装 AU-2 auxiliary contact unit, 2-pole, top mounting</p>
		<p>AU-4 辅助触点单元, 4极顶部安装 AU-4 auxiliary contact unit, 4-pole, top mounting</p>
		<p>AR-9 机械联锁单元 AR-9 Mechanical interlock unit</p>
		<p>AL-50 机械闭锁单元 AL-50 Mechanical lock unit</p>
		<p>AS 浪涌抑制单元 AS Surge suppressing unit</p>
		<p>AD-50 延时断开单元 AD-50 Delay breaking unit</p>

3极接触器

3P Contactor



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
			线径 Wire dia: 2~60mm ²
			线径 Wire dia: 2~100mm ²
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

3P Contactor

可选附件
Optional accessory



UK-100
热(双金属片)式
UK-100 thermal
(bimetal) type



UK-150
热(双金属片)式
UK-150 thermal
(bimetal) type



AU-100 辅助触点单元,
2极侧装
AU-100 auxiliary contact unit,
2-pole, side mounting



AR-100 机械联锁单元
AR-100 Mechanical
interlock unit



AL-100,150 机械闭锁单元
AL-100,150 Mechanical
lock unit



AS 浪涌抑制单元
AS Surge suppressing unit



AD-100 延时断开单元
AD-100 Delay breaking unit



端子盖
Terminal cover



AI-100 绝缘隔板
AI-100 Delay
breaking

3极接触器

3P Contactor

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 ²
		330/400A 框架 Frame	螺钉(M12)端子 Fixed(M12) terminal 线径 Wire dia: 2~200mm ²
	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

3P Contactor

可选附件
Optional accessory



UK-220
热(双金属片)式
UK-220 thermal
(bimetal) type



AU-100 辅助触点单元,
2极侧装
AU-100 auxiliary contact unit,
2-pole, side mounting



AR-180 机械联锁单元
AR-180 Mechanical
interlock unit



AL-220 机械闭锁单元
AL-220 Mechanical
lock unit



AS 浪涌抑制单元
AS Surge suppressing
unit



AD-100 延时断开单元
AD-100 Delay breaking
unit



端子盖
Terminal cover



AI-100 绝缘隔板
AI-100 Delay breaking

3极接触器

3P Contactor

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 lth	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 (M10)
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 ² 螺钉(M4)压线式端子 Screw(M4)crimping terminal

可选附件 Selecting Accessories



UKH-630



UKH-800

4极接触器

4P Contactor



特点 Characteristics

- 4对主触点
 - 防触电安全罩设计
 - 导轨或螺钉安装
 - 尺寸小: 44mm宽
 - 辅助触点可选
 - 可在顶部/侧面安装附件
 - 可与热过载继电器直接插接
- 4 pairs of main contacts
 - Design of anti-electric shock cover
 - Fixed by guide rail or screw
 - Small size: 44mm width
 - Optional auxiliary contacts
 - The accessory can be mounted on the top or at side
 - Be connected with the thermal overload relay directly

4极接触器(交流线圈) Four 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	20A	选择	UKC1-9/4
	11A	9A	7A	5A			
12A	3.5kW	5.5kW	7.5kW	7.5kW	20A	选择	UKC1-12/4
	13A	12A	12A	9A			
18A	4.5kW	7.5kW	7.5kW	7.5kW	25A	选择	UKC1-18/4
	18A	18A	13A	9A			
22A	5.5kW	11kW	15kW	15kW	32A	选择	UKC1-22/4
	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

4极接触器(直流线圈) Four 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	20A	选择	UKD1-9/4
	11A	9A	7A	5A			
12A	3.5kW	5.5kW	7.5kW	7.5kW	20A	选择	UKD1-12/4
	13A	12A	12A	9A			
18A	4.5kW	7.5kW	7.5kW	7.5kW	25A	选择	UKD1-18/4
	18A	18A	13A	9A			
22A	5.5kW	11kW	15kW	15kW	32A	选择	UKD1-22/4
	22A	22A	22A	8A			

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 ² /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

4极接触器

4P Contactor

可选附件
Optional accessory



UK-22
热(双金属片)式
UK-22 thermal
(bimetal) type



AU-1 辅助触点单元,
2极侧装
AU-1 auxiliary contact unit,
2-pole, side mounting



AU-2 辅助触点单元,
2极顶部安装
AU-2 auxiliary contact unit,
2-pole, top mounting



AU-4 辅助触点单元,
4极顶部安装
AU-4 auxiliary contact unit,
4-pole, top mounting



AR-9 机械联锁单元
AR-9 Mechanical
interlock unit



AL-9 机械闭锁单元
AL-9 Mechanical
lock unit



AS 浪涌抑制单元
AS Surge suppressing
unit



AD-9 延时断开单元
AD-9 Delay breaking unit

4极接触器 (两常开两常闭)

4P Contactors (2NO+2NC)



特点 Characteristics

- 4对主触点
- 防触电安全罩设计
- 导轨或螺钉安装
- 尺寸小: 44mm宽
- 辅助触点可选
- 可在顶部/侧面安装附件
- 可与热过载继电器直接插接
- 4 pairs of main contacts
- Design of anti-electric shock cover
- Fixed by guide rail or screw
- Small size: 44mm width
- Optional auxiliary contacts
- The accessory can be mounted on the top or at side
- Be connected with the thermal overload relay directly

4极接触器(交流线圈) Four 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	20A	选择	UKC1-9008
	11A	9A	7A	5A			
12A	3.5kW	5.5kW	7.5kW	7.5kW	20A	选择	UKC1-12008
	13A	12A	12A	9A			
18A	4.5kW	7.5kW	7.5kW	7.5kW	25A	选择	UKC1-18008
	18A	18A	13A	9A			
22A	5.5kW	11kW	15kW	15kW	32A	选择	UKC1-22008
	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

4极接触器(直流线圈) Four 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	20A	选择	UKD1-9008
	11A	9A	7A	5A			
12A	3.5kW	5.5kW	7.5kW	7.5kW	20A	选择	UKD1-12008
	13A	12A	12A	9A			
18A	4.5kW	7.5kW	7.5kW	7.5kW	25A	选择	UKD1-18008
	18A	18A	13A	9A			
22A	5.5kW	11kW	15kW	15kW	32A	选择	UKD1-22008
	22A	22A	22A	8A			

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 ² 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

4极接触器 (两常开两常闭)

4P Contactors (2NO+2NC)

可选附件
Optional accessory



AU-1 辅助触点单元,
2极侧装
AU-1 auxiliary contact unit,
2-pole, side mounting



AU-2 辅助触点单元,
2极顶部安装
AU-2 auxiliary contact unit,
2-pole, top mounting



AU-4 辅助触点单元,
4极顶部安装
AU-4 auxiliary contact unit,
4-pole, top mounting



AR-9 机械联锁单元
AR-9 Mechanical
interlock unit



AL-9 机械闭锁单元
AL-9 Mechanical
lock unit



AS 浪涌抑制单元
AS Surge suppressing
unit



AD-9 延时断开单元
AD-9 Delay breaking unit

4极接触器

4P Contactors

特点 Characteristics

- 4对主触点
- 防触电安全罩设计
- 导轨或螺钉安装
- 辅助触点可选
- 可在顶部/侧面安装附件
- 可与热过载继电器直接插接
- 4 pairs of main contacts
- Design of anti-electric shock cover
- Fixed by guide rail or screw
- Optional auxiliary contacts
- The accessory can be mounted on the top or at side
- Be connected with the thermal overload relay directly

4极接触器(交流线圈) Four 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	选择	UKC1-32/4
	32A	32A	28A	20A			
40A	11kW	18.5kW	22kW	22kW	60A	选择	UKC1-40/4
	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

4极接触器(直流线圈) Four 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	选择	UKD1-32/4
	32A	32A	28A	20A			
40A	11kW	18.5kW	22kW	22kW	60A	选择	UKD1-40/4
	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: 1.25~5.5mm ² / 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

4极接触器

4P Contactors

可选附件
Optional accessory



UK-40
热(双金属片)式
UK-40 thermal
(bimetal) type



AU-1 辅助触点单元,
2极侧装
AU-1 auxiliary contact unit,
2-pole, side mounting



AU-2 辅助触点单元,
2极顶部安装
AU-2 auxiliary contact unit,
2-pole, top mounting



AU-4 辅助触点单元,
4极顶部安装
AU-4 auxiliary contact unit,
4-pole, top mounting



AR-9 机械联锁单元
AR-9 Mechanical
interlock unit



AL-9 机械闭锁单元
AL-9 Mechanical
lock unit



AS 浪涌抑制单元
AS Surge suppressing
unit



AD-9 延时断开单元
AD-9 Delay breaking unit

4极接触器 (两常开两常闭)

4P Contactors (2NO+2NC)



特点 Characteristics

- 4对主触点
- 防触电安全罩设计
- 导轨或螺钉安装
- 辅助触点可选
- 可在顶部/侧面安装附件
- 可与热过载继电器直接插接
- 4 pairs of main contacts
- Design of anti-electric shock cover
- Fixed by guide rail or screw
- Optional auxiliary contacts
- The accessory can be mounted on the top or at side
- Be connected with the thermal overload relay directly

4极接触器(交流线圈) Four 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	选择	UKC1-32008
	32A	32A	28A	20A			
40A	11kW	18.5kW	22kW	22kW	60A	选择	UKC1-40008
	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

4极接触器(直流线圈) Four 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	选择	UKD1-32008
	32A	32A	28A	20A			
40A	11kW	18.5kW	22kW	22kW	60A	选择	UKD1-40008
	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: 1.25~5.5mm ² / 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

4极接触器 (两常开两常闭)

4P Contactors (2NO+2NC)

可选附件
Optional accessory



AU-1 辅助触点单元,
2极侧装
AU-1 auxiliary contact unit,
2-pole, side mounting



AU-2 辅助触点单元,
2极顶部安装
AU-2 auxiliary contact unit,
2-pole, top mounting



AU-4 辅助触点单元,
4极顶部安装
AU-4 auxiliary contact unit,
4-pole, top mounting



AR-9 机械联锁单元
AR-9 Mechanical
interlock unit



AL-9 机械闭锁单元
AL-9 Mechanical
lock unit



AS 浪涌抑制单元
AS Surge suppressing
unit



AD-9 延时断开单元
AD-9 Delay breaking unit

4极接触器

4P Contactors

特点 Characteristics

- 4对主触点
- 防触电安全罩设计
- 导轨或螺钉安装
- 辅助触点可选
- 可在顶部/侧面安装附件
- 可与热过载继电器直接插接
- 4 pairs of main contacts
- Design of anti-electric shock cover
- Fixed by guide rail or screw
- Optional auxiliary contacts
- The accessory can be mounted on the top or at side
- Be connected with the thermal overload relay directly



4极接触器(交流线圈) Four 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	选择	UKC1-50/4
	55A	50A	43A	28A			
65A	18.5kW	30kW	33kW	33kW	100A	选择	UKC1-65/4
	65A	65A	60A	35A			
75A	22kW	37kW	37kW	37kW	110A	选择	UKC1-75/4
	75A	75A	64A	42A			
85A	25kW	45kW	45kW	45kW	135A	选择	UKC1-85/4
	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



4极接触器(直流线圈) Four 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	选择 Select	UKD1-50/4
	55A	50A	43A	28A			
65A	18.5kW	30kW	33kW	33kW	100A	选择 Select	UKD1-65/4
	65A	65A	60A	35A			
75A	22kW	37kW	37kW	37kW	110A	选择 Select	UKD1-75/4
	75A	75A	64A	42A			
85A	25kW	45kW	45kW	45kW	135A	选择 Select	UKD1-85/4
	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
		65/75/85A 框架 Frame	螺钉(M8)压线式端子 Screw(M8) crimping terminal
	辅助触点/线圈 Auxiliary contact/coil		螺钉(M3.5)压线式端子 Screw(M3.5) crimping terminal
			线径 Wire dia: 2~22mm ²
		线径 Wire dia: 2~38mm ²	

4极接触器

4P Contactors

可选附件
Optional accessory



UK-85
热(双金属片)式
UK-85 thermal
(bimetal) type



AU-1 辅助触点单元,
2极侧装
AU-1 auxiliary contact unit,
2-pole, side mounting



AU-2 辅助触点单元,
2极顶部安装
AU-2 auxiliary contact unit,
2-pole, top mounting



AU-4 辅助触点单元,
4极顶部安装
AU-4 auxiliary contact unit,
4-pole, top mounting



AR-9 机械联锁单元
AR-9 Mechanical
interlock unit



AL-9 机械闭锁单元
AL-9 Mechanical
lock unit



AS 浪涌抑制单元
AS Surge suppressing
unit



AD-50 延时断开单元
AD-50 Delay breaking unit

4极接触器

4P Contactors

特点 Characteristics

- 4对主触点
- 交流/直流通用线圈
- 宽线圈电压
- 螺钉安装
- 2NO+2NC辅助触点为标准配置
- 可在侧面安装附件
- 可与热过载继电器直接安装
- 4 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



4极接触器(交流线圈) Four 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	UKC1-100/4
	105A	105A	85A	65A			
125A	37kW	60kW	60kW	60kW	150A	2NO+2NC	UKC1-125/4
	125A	120A	90A	70A			
150A	45kW	75kW	90kW	90kW	200A	2NO+2NC	UKC1-150/4
	150A	150A	140A	100A			
180A	55kW	90kW	110kW	110kW	230A	2NO+2NC	UKC1-180/4
	180A	180A	180A	120A			
220A	75kW	132kW	132kW	132kW	260A	2NO+2NC	UKC1-220/4
	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	-

安装与接线 Installation and connection

安装 Installation	螺钉(M6)固定 Fixed by screw (M6)		
接线 Connection	主触点 Main contact	100/125/150A 框架 Frame	螺钉(M8)固定 Fixed by screw (M8)
		180/220A 框架 Frame	线径 Wire dia:2~100mm ²
	辅助触点/线圈 Auxiliary contact/coil		螺钉(M10)端子 Screw(M10) terminal
			线径 Wire dia:2~150mm ²
			螺钉(M4)压线式端子 Screw(M4) crimping terminal

4极接触器

4P Contactors

可选附件
Optional accessory



UK-220
热(双金属片)式
UK-220 thermal
(bimetal) type



AU-100 辅助触点单元,
2极侧装
AU-100 auxiliary contact unit,
2-pole, side mounting



AR-180 机械联锁单元
AR-180 Mechanical
interlock unit



AL-220 机械闭锁单元
AL-220 Mechanical
lock unit



AS 浪涌抑制单元
AS Surge suppressing
unit



AD-100 延时断开单元
AD-100 Delay breaking unit



端子盖
Terminal cover



AI - 180 绝缘隔板
AI - 180 Delay
breaking

4极接触器

4P Contactors (2NO+2NC)

特点 Characteristics

- 4对主触点
- 宽线圈电压
- 螺钉安装
- 可在侧面安装附件
- 4 pairs of main contacts
- Wide coil voltage
- Screw mounting
- The accessory can be mounted on the top or at side

4极接触器(交流线圈) Four 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	UKC1-330/4
	330A	330A	310A	200A		
400A	110kW	250kW	257kW	280kW	500A	UKC1-400/4
	400A	400A	400A	305A		
500A	147kW	295kW	355kW	335kW	700A	UKC1-500/4
	500A	500A	450A	355A		

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	-

4极接触器(交流线圈) Four pole contactors(AC coil)

额定电流 Rated current	AC3(IEC60947)				AC1 lth	型号 Type
	220~240V	380~440V	500~550V	690V		
630A	200kW	400kW	400kW	450kW	1000A	UKC1-630/4
	630A	630A	600A	460A		
800A	220kW	450kW	450kW	475kW	1600A	UKC1-800/4
	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	330/400A框架 Frame		螺钉(M8)固定 Fixed by screw (M8)
	500/630/800A框架 Frame		螺钉(M10)固定 Fixed by screw (M10)
接线 Connection	主触点 Main contact	330/400A 框架 Frame	螺钉(M12)固定 Fixed by screw (M12) 线径 Wire dia: 2-200mm ²
		500/630/800A 框架 Frame	螺钉(M16)端子 Fixed by screw (M16) 线径 Wire dia: 80-325mm ²
	辅助触点/线圈 Auxiliary contact/coil		螺钉(M4)压线式端子 Screw(M4) crimping terminal



可选附件 Optional accessory

3极接触器(UKC2)

3P Contactors(UKC2)



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 Ith	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	UKC2-9
	11A	9A	7A	5A			
12A	3.5KW	5.5KW	7.5KW	7.5KW	25A	1NO +1NC	UKC2-12
	13A	12A	12A	9A			
18A	4.5KW	7.5KW	7.5KW	7.5KW	40A	1NO +1NC	UKC2-18
	18A	18A	13A	9A			
22A	5.5KW	11KW	15KW	15KW	40A	1NO +1NC	UKC2-22
	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 Ith	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	UKD2-9
	11A	9A	7A	5A			
12A	3.5KW	5.5KW	7.5KW	7.5KW	25A	1NO +1NC	UKD2-12
	13A	12A	12A	9A			
18A	4.5KW	7.5KW	7.5KW	7.5KW	40A	1NO +1NC	UKD2-18
	18A	18A	13A	9A			
22A	5.5KW	11KW	15KW	15KW	40A	1NO +1NC	UKD2-22
	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 ² /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(UKC2)

3P Contactors(UKC2)

可选附件
Optional accessory



UK-22
热(双金属片)式
UK-22 thermal
(bimetal) type



AU-1 辅助触点单元,
2极侧装
AU-1 auxiliary contact unit,
2-pole, side mounting



AU-2 辅助触点单元,
2极顶部安装
AU-2 auxiliary contact unit,
2-pole, top mounting



AU-4 辅助触点单元,
4极顶部安装
AU-4 auxiliary contact unit,
4-pole, top mounting



AR-9 机械联锁单元
Mechanical interlock unit



AL-9 机械闭锁单元
AL-9 Mechanical lock unit



AS 浪涌抑制单元
AS Surge suppressing unit



AD-9 延时断开单元
AD-9 Delay breaking unit

3极接触器(UKC2)

3P Contactors(UKC2)



特点 Characteristics

- 一个框架两个额定电流等级
 - 3对主触点
 - 防触电安全罩设计
 - 导轨或螺钉安装
 - 尺寸小: 68mm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 two rated current classes
 - 3 pairs of main contacts
 - Design of anti-electric shock cover
 - Fixed by guide rail or screw
 - Small size: 68mm 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			
32A	7.5KW	15KW	18.5KW	18.5KW	50A	1NO +1NC	UKC2-32
	32A	32A	28A	20A			
40A	11KW	18.5KW	22KW	22KW	60A	1NO +1NC	UKC2-40
	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	UKD2-32
	32A	32A	28A	20A			
40A	11KW	18.5KW	22KW	22KW	60A	1NO +1NC	UKD2-40
	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 ² / 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(UKC2)

3P Contactors(UKC2)

可选附件
Optional accessory



UK-40
热(双金属片)式
UK-40 thermal
(bimetal) type



AU-1 辅助触点单元,
2极侧装
AU-1 auxiliary contact unit,
2-pole, side mounting



AU-2 辅助触点单元,
2极顶部安装
AU-2 auxiliary contact unit,
2-pole, top mounting



AU-4 辅助触点单元,
4极顶部安装
AU-4 auxiliary contact unit,
4-pole, top mounting



AR-9 机械联锁单元
AR-9 Mechanical
interlock unit



AL-9 机械闭锁单元
AL-9 Mechanical lock unit



AS 浪涌抑制单元
AS Surge suppressing unit



AD-9 延时断开单元
AD-9 Delay breaking unit

热过载继电器

3P Contactors(UKC2)

选择表 Selection table(Class 10A)

3极(4极)电动机最大的功率(kw) Three poles (four poles) Max.power of motor						UKH(K)-22	UKH(K)-40	UKH(K)-85	UKH(K)-100	UKH(K)-150	UKH(K)-220	UKH(K)-630
220V	380V	415V	440V	550V	660V							
						0.1-0.16						
						0.16-0.25						
					0.37,0.5	0.25-0.4						
				0.37,0.5	0.55,0.75	0.4-0.63						
	0.37,0.5		0.55,0.75	0.75,1	1.1,1.5	0.63-1						
0.37,0.5	0.75,1	1.1,1.5	1.1,1.5	1.1,1.5	1.5,2	1-1.6						
0.75,1	1.5,2	1.5,2	1.5,2	2.2,3	3,4	1.6-2.5						
1.1,1.5	2.2,3	2.2,3	2.2,3	3,4	4.5,5	2.5-4	4-6					
1.5,2	3,4	3.7,5	3.7,5	4.5,5	5.5,7.5	4-6	5-8					
		4.5,5	4.5,5			5-8	6-9					
2.2,3	4.4,5	4.5,5	4.5,5	5.5,7.5	7.5,10	6-9	7-10	7-10				
3,4	5.5,7.5	5.5,7.5	5.5,7.5	7.5,10	10,13.5	7-10	9-13	9-13				
4.5,5	7.5,10	9,12	9,12	10,13.5	15,20	9-13	12-18	12-18				
5.5,7.5	11,15	11,15	11,15			12-18	16-22	16-22				
5.5,7.5	11,15	11,15	11,15	15,20	18.5,25	16-22	18-26	18-26				
7.5,10	15,20	15,20	15,20	18.5,25	22,30		24-36	24-36				
	15,20			18.5,25			28-40	28-40				
11,15	22,30	25,35	25,35	30,40	37,50		34-50	34-50	34-50			
15,20	25,35	30,40	30,40	37,50	45,60		45-65	39-57	39-57			
18.5,25	30,40	37,50	37,50	45,60	55,75		54-75	43-65	43-65			
22,30	37,50	45,60	45,60	55,75	63,85		63-85	54-80	54-80			
25,35	51,70	55,75	59,80	63,85	90,125			65-100	65-100	65-100		
30,40	59,80	59,80	63,85	80,110	110,150			85-125	85-125	85-125		
45,60	80,100	80,110	90,125	100,135	129,175				100-150	100-160		
55,75	90,125	100,135	110,150	110,150	160,220					120-180		
63,85	110,150	129,175	140,190	160,220	200,270					160-240		
80,110	150,205	160,220	160,220	200,270	257,350							200-330
110,150	185,250	200,270	220,300	257,350	335,455							300-500
180,245	315,430	355,480	375,510	425,580	500,680							380-630
与热过载继电器配合使用的接触器 Contactor used with thermal overload relay						UKC(D)1-9	UKC(D)1-32	UKC(D)1-50	UKC(D)1-100	UKC(D)1-150	UKC(D)1-180	UKC(D)1-330
						UKC(D)1-12	UKC(D)1-40	UKC(D)1-65	UKC(D)1-125		UKC(D)1-220	UKC(D)1-400
						UKC(D)1-18		UKC(D)1-75				UKC(D)1-500
						UKC(D)1-22		UKC(D)1-85				UKC(D)1-630



热过载继电器

Thermal overload relays

选择表 Selection table(Class 20A)

3极(4极)电动机最大的功率(kw) Three poles (four poles) Max.power of motor						UKK-22/L	UKK-40/L	UKK-85/L	UKK-100/L	UKK-150/L	UKK-220/L	UKK-630/L
220V	380V	415V	440V	550V	660V							
0.37,0.5	0.75,1	1.1,1.5	1.1,1.5	1.1,1.5	1.5,2	1.16						
0.75,1	1.5,2	1.5,2	1.5,2	2.2,3	3,4	16-2.5						
1.1,1.5	2.2,3	2.2,3	2.2,3	3,4	4.5,5	2.5-4	4-6					
1.5,2	3,4	3.7,5	3.7,5	4.5,5	5.5,7.5	4-6	5-8					
		4.5,5	4.5,5			5-8	6-9					
2.2,3	4.4,5	4.5,5	4.5,5	5.5,7.5	7.5,10	6-9	7-10	7-10				
3,4	5.5,7.5	5.5,7.5	5.5,7.5	7.5,10	10,13.5	7-10	9-13	9-13				
4.5,5	7.5,10	9,12	9,12	10,13.5	15,20	9-13	12-18	12-18				
5.5,7.5	11,15	11,15	11,15			12-18	16-22	16-22				
5.5,7.5	11,15	11,15	11,15	15,20	18.5,25	16-22	18-26	18-26				
7.5,10	15,20	15,20	15,20	18.5,25	22,30		24-36	24-36				
	15,20			18.5,25			28-40	28-40				
11,15	22,30	25,35	25,35	30,40	37,50			34-50	34-50	34-50		
15,20	25,35	30,40	30,40	37,50	45,60			45-65	39-57	39-57		
18.5,25	30,40	37,50	37,50	45,60	55,75			54-75	43-65	43-65		
22,30	37,50	45,60	45,60	55,75	63,85			63-85	54-80	54-80		
25,35	51,70	55,75	59,80	63,85	90,125				65-100	65-100	65-100	
30,40	59,80	59,80	63,85	80,110	110,150				85-125	85-125	85-125	
45,60	80,100	80,110	90,125	100,135	129,175					100-150	100-160	
55,75	90,125	100,135	110,150	110,150	160,220						120-180	
63,85	110,150	129,175	140,190	160,220	200,270						160-240	
80,110	150,205	160,220	160,220	200,270	257,350							200-330
110,150	185,250	200,270	220,300	257,350	335,455							300-500
180,245	315,430	355,480	375,510	425,580	500,680							380-630
与热过载继电器配合使用的接触器 Contactor used with thermal overload relay						UKC(D)1-9	UKC(D)1-32	UKC(D)1-50	UKC(D)1-100	UKC(D)1-150	UKC(D)1-180	UKC(D)1-330
						UKC(D)1-12	UKC(D)1-40	UKC(D)1-65	UKC(D)1-125		UKC(D)1-220	UKC(D)1-400
						UKC(D)1-18		UKC(D)1-75				UKC(D)1-500
						UKC(D)1-22		UKC(D)1-85				UKC(D)1-630



热过载继电器

Thermal overload relays



UK-22



AZ-22H

独立安装

直接安装



UK-22

特点 Characteristics

- 直接与UK-9,12,18,22接触器安装
Be mounted with UK-9,12,18,22 contactor directly
- 通过使用安装支架(AZ-22H)可导轨或螺钉安装
Be mounted by guide rail or screw through mounting support (AZ-22H)
- 尺寸小:44mm宽 Small size: 44mm width
- 1NO+1NC脱扣触点 1NO+1NC tripping contact
- Class 10A脱扣标准 Class 10A tripping standard
- 缺相保护型:UKK Phase-failure protection type: UKK
- 标准型:UKH Standard type: UKH
- 适用环境温度-5~40℃ Applicable ambient temperature -5~40℃
- 手动/自动复位 Manual/ automatic reset
- 自由脱扣设计 Design of trip free
- 双金属片式 Bimetal element type

电流范围(A) Current range	缺相保护型 Phase-failure protection type	标准型 Standard type
0.1-0.16	UKK-22 · 0.16	UKH-22/3 · 0.16
0.16-0.25	UKK-22 · 0.25	UKH-22/3 · 0.25
0.25-0.4	UKK-22 · 0.4	UKH-22/3 · 0.4
0.4-0.63	UKK-22 · 0.63	UKH-22/3 · 0.63
0.63-1	UKK-22 · 1	UKH-22/3 · 1
1-1.6	UKK-22 · 1.6	UKH-22/3 · 1.6
1.6-2.5	UKK-22 · 2.5	UKH-22/3 · 2.5
2.5-4	UKK-22 · 4	UKH-22/3 · 4
4-6	UKK-22 · 6	UKH-22/3 · 6
5-8	UKK-22 · 8	UKH-22/3 · 8
6-9	UKK-22 · 9	UKH-22/3 · 9
7-10	UKK-22 · 10	UKH-22/3 · 10
9-13	UKK-22 · 13	UKH-22/3 · 13
12-18	UKK-22 · 18	UKH-22/3 · 18
16-22	UKK-22 · 22	UKH-22/3 · 22

接线 Connection

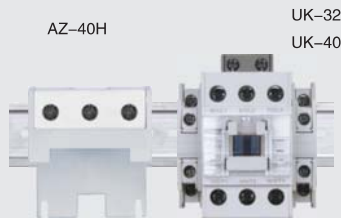
主端子(负载) Main terminal (load)	螺钉(M4)压线式端子 Screw(M4) crimping terminal
辅助触点 Auxiliary contact	线径 Wire dia: 1.25-5.5mm ² /1.6-2.6 螺钉(M3.5)压线式端子 Screw(M3.5) crimping terminal

热过载继电器

Thermal overload relays



UK-40



AZ-40H

UK-32
UK-40

独立安装 直接安装



UK-40

特点 Characteristics

- 直接与UK-32, 40接触器安装
Be mounted with UK-32, 40 contactor directly
- 通过使用安装支架(AZ-40H)可导轨或螺钉安装
Be mounted by guide rail or screw through mounting support (AZ-40H)
- 尺寸小:53mm宽 Small size: 53mm width
- 1NO+1NC脱扣触点 1NO+1NC tripping contact
- Class 10A脱扣标准 Class 10A tripping standard
- 缺相保护型:UKK Phase-failure protection type: UKK
- 标准型:UKH Standard type: UKH
- 适用环境温度-5~40℃ Applicable ambient temperature -5~40℃
- 手动/自动复位 Manual/ automatic reset
- 自由脱扣设计 Design of trip free
- 双金属片式 Bimetal element type

电流范围(A) Current range	缺相保护型 Phase-failure protection type	标准型 Standard type
4-6	UKK-40 · 6	UKH-40/3 · 6
5-8	UKK-40 · 8	UKH-40/3 · 8
6-9	UKK-40 · 9	UKH-40/3 · 9
7-10	UKK-40 · 10	UKH-40/3 · 10
9-13	UKK-40 · 13	UKH-40/3 · 13
12-18	UKK-40 · 18	UKH-40/3 · 18
16-22	UKK-40 · 22	UKH-40/3 · 22
18-26	UKK-40 · 26	UKH-40/3 · 26
24-36	UKK-40 · 36	UKH-40/3 · 36
28-40	UKK-40 · 40	UKH-40/3 · 40

接线 Connection

主端子(负载) Main terminal (load)	螺钉(M4)压线式端子 Screw(M4) crimping terminal
辅助触点 Auxiliary contact	线径 Wire dia: 2~14mm ² /1.6~3.6 螺钉(M3.5)压线式端子 Screw(M3.5) crimping terminal

热过载继电器

Thermal overload relays



UK-85



独立安装

直接安装



UK-85

特点 Characteristics

- 直接与UK-50,65,75,85接触器安装
Be mounted with UK-50,65,75,85 contactor directly
- 通过使用安装支架(AZ-85H)可导轨或螺钉安装
Be mounted by guide rail or screw through mounting support (AZ-85H)
- 尺寸小:70mm宽 Small size: 70mm width
- 1NO+1NC脱扣触点 1NO+1NC tripping contact
- Class 10A脱扣标准 Class 10A tripping standard
- 缺相保护型:UKK Phase-failure protection type: UKK
- 标准型:UKH Standard type: UKH
- 适用环境温度-5~40℃ Applicable ambient temperature -5~40℃
- 手动/自动复位 Manual/ automatic reset
- 自由脱扣设计 Design of trip free
- 双金属片式 Bimetal element type

电流范围(A) Current range	缺相保护型 Phase-failure protection type	标准型 Standard type
7-10	UKK-85 · 10	UKH-85/3 · 10
9-13	UKK-85 · 13	UKH-85/3 · 13
12-18	UKK-85 · 18	UKH-85/3 · 18
16-22	UKK-85 · 22	UKH-85/3 · 22
18-26	UKK-85 · 26	UKH-85/3 · 26
24-36	UKK-85 · 36	UKH-85/3 · 36
28-40	UKK-85 · 40	UKH-85/3 · 40
34-50	UKK-85 · 50	UKH-85/3 · 50
45-65	UKK-85 · 65	UKH-85/3 · 65
54-75	UKK-85 · 75	UKH-85/3 · 75
63-85	UKK-85 · 85	UKH-85/3 · 85

接线 Connection

主端子(负载) Main terminal (load)	50A以下 Below	螺钉(M6)压线式端子 Screw(M6) crimping terminal 线径 Wire dia: 2~22mm ²
	65A以上 Above	螺钉(M8)压线式端子 Screw(M8) crimping terminal 线径 Wire dia: 2~38mm ²
辅助触点 Auxiliary contact		螺钉(M3.5)压线式端子 Screw (M3.5) crimping terminal

热过载继电器

Thermal overload relays



UK-100



UK-150

特点 Characteristics

- 通过底板可直接与接触器安装 Be mounted with contactor directly through base plate
- UK-100和UKC1-100,125接触器 (100,125AF) UK-100 and UKC1-100,125 contactor (100,125AF)
- UK-150和UKC1-150接触器(150AF) UK-150 and UKC1-150 contactor (150AF)
- 1NO+1NC脱扣触点 1NO+1NC tripping contact
- Class 10A脱扣标准 Class 10A tripping standard
- 缺相保护型:UKK Phase-failure protection type: UKK
- 标准型:UKH Standard type: UKH
- 适用环境温度-5~40℃ Applicable ambient temperature -5~40℃
- 手动/自动复位 Manual/ automatic reset
- 自由脱扣设计 Design of trip free
- 双金属片式 Bimetal element type

100AF

电流范围(A) Current range	缺相保护型 Phase-failure protection type	标准型 Standard type
34-50	UKK-100 · 50	UKH-100/3 · 50
39-57	UKK-100 · 57	UKH-100/3 · 57
43-65	UKK-100 · 65	UKH-100/3 · 65
54-80	UKK-100 · 80	UKH-100/3 · 80
65-100	UKK-100 · 100	UKH-100/3 · 100
85-125	UKK-100 · 125	UKH-100/3 · 125

150AF

电流范围(A) Current range	缺相保护型 Phase-failure protection type	标准型 Standard type
34-50	UKK-150 · 50	UKH-150/3 · 50
39-57	UKK-150 · 57	UKH-150/3 · 57
43-65	UKK-150 · 65	UKH-150/3 · 65
54-80	UKK-150 · 80	UKH-150/3 · 80
65-100	UKK-150 · 100	UKH-150/3 · 100
85-125	UKK-150 · 125	UKH-150/3 · 125
100-150	UKK-150 · 150	UKH-150/3 · 150

接线 Connection

主端子(负载) Main terminal (load)	螺钉(M8)压线式端子 Screw(M8) crimping terminal
辅助触点 Auxiliary contact	线径 Wire dia: 2~100mm ² 螺钉(M4)压线式端子 Screw(M4) crimping terminal

热过载继电器

Thermal overload relays



UK-220



UK-630

热双金属式特点 Characteristics of thermal bimetal

- 直接与接触器安装 Be connected with contactor directly
- UK-220和UKC1-180,220接触器(180,220AF)
UK-220 and UKC1-180,220contactor (180,220AF)
- 1NO+1NC脱扣触点 1NO+1NC tripping contact
- Class 10A脱扣标准 Class 10A tripping standard
- 缺相保护型:UKK Phase-failure protection type: UKK
- 标准型:UKH Standard type: UKH
- 适用环境温度-5~40℃ Applicable ambient temperature -5~40℃
- 手动/自动复位 Manual/ automatic reset
- 自由脱扣设计 Design of trip free
- 双金属片式 Bimetal element type
- CT动作型 CT action type

220AF

电流范围(A) Current range	缺相保护型 Phase-failure protection type	标准型 Standard type
65-100	UKK-220 · 100	UKH-220/3 · 100
85-125	UKK-220 · 125	UKH-220/3 · 125
100-160	UKK-220 · 160	UKH-220/3 · 160
120-180	UKK-220 · 180	UKH-220/3 · 180
160-240	UKK-220 · 240	UKH-220/3 · 240

接线 Connection

主端子(负载) Main terminal (load)	UK-220	螺钉(M10)压线式端子 Screw(M10) crimping terminal
		螺钉(M3.5)压线式端子 Screw(M3.5) crimping terminal
辅助触点 Auxiliary contact		线径 Wire dia: 2~150mm ²

电子式特点 Characteristics of electronic

- 直接与接触器安装 Be connected with contactor directly
- UK-630和UKC1-330,400,500,630接触器
UK-630 and UKC1-330,400,500,630 contactor
- 1NO+1NC脱扣触点 1NO+1NC tripping contact
- 缺相保护型:UKK Phase-failure protection type: UKK
- 标准型:UKH Standard type: UKH
- 适用环境温度-5~40℃ Applicable ambient temperature -5~40℃

630AF

电流范围(A) Current range	缺相保护型 Phase-failure protection type	标准型 Standard type
220-330	UKK-630 · 330	UKH-630/3 · 330
300-500	UKK-630 · 500	UKH-630/3 · 500
380-630	UKK-630 · 630	UKH-630/3 · 630

接线 Connection

主端子(负载) Main terminal (load)	螺钉(M16)压线式端子 Screw(M16) crimping terminal
	螺钉(M3.5)压线式端子 Screw(M3.5) crimping terminal
辅助触点 Auxiliary contact	线径 Wire dia: 80~325mm ²

热过载继电器

Thermal overload relays

特点 Characteristics

- 直接与UK-9,12,18,22接触器安装 Be mounted with UK-9,12,18,22 contactor directly
- 通过使用安装支架(AZ-22H)可导轨或螺钉安装
Be mounted by guide rail or screw through mounting support (AZ-22H)
- 尺寸小:44mm宽 Small size: 44mm width
- 1NO+1NC脱扣触点 1NO+1NC tripping contact
- Class 20A脱扣标准 Class 20A tripping standard
- 过电流/缺相保护 Over-current/ phase-failure protection type
- 适用环境温度-5~40℃ Applicable ambient temperature -5~40℃
- 手动/自动复位 Manual / automatic reset
- 自由脱扣设计 Design of trip free
- 双金属片式 Bimetal element type



UK-22/L



AZ-22H

UK-9
UK-12
UK-18
UK-22

独立安装 直接安装



UK-22/L

电流范围(A) Current range	Class 20A
1-1.6	UKK-22/L · 1.6
1.6-2.5	UKK-22/L · 2.5
2.5-4	UKK-22/L · 4
4-6	UKK-22/L · 6
5-8	UKK-22/L · 8
6-9	UKK-22/L · 9
7-10	UKK-22/L · 10
9-13	UKK-22/L · 13
12-18	UKK-22/L · 18
16-22	UKK-22/L · 22

接线 Connection

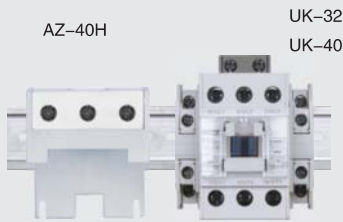
主端子(负载) Main terminal (load)	螺钉(M4)压线式端子 Screw(M4) crimping terminal
辅助触点 Auxiliary contact	线径 Wire dia: 1.25-5.5mm ² / φ 1.6-2.6 螺钉(M3.5)压线式端子 Screw(M3.5) crimping terminal

热过载继电器

Thermal overload relays

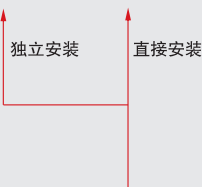


UKK-40/L



AZ-40H

UK-32
UK-40



UKK-40/L

特点 Characteristics

- 直接与UK-32,40接触器安装 Be mounted with UK-32,40 contactor directly
- 通过使用安装支架(AZ-40H)可导轨或螺钉安装
Be mounted by guide rail or screw through mounting support (AZ-40H)
- 尺寸小:53mm宽 Small size: 53mm width
- 1NO+1NC脱扣触点 1NO+1NC tripping contact
- Class 20A脱扣标准 Class 20A tripping standard
- 过电流/缺相保护 Over-current/ phase-failure protection type
- 适用环境温度-5~40℃ Applicable ambient temperature -5~40℃
- 手动/自动复位 Manual/ automatic reset
- 自由脱扣设计 Design of trip free
- 双金属片式 Bimetal element type

电流范围(A) Current range	Class 20A
4-6	UKK-40/L · 6
5-8	UKK-40/L · 8
6-9	UKK-40/L · 9
7-10	UKK-40/L · 10
9-13	UKK-40/L · 13
12-18	UKK-40/L · 18
16-22	UKK-40/L · 22
18-26	UKK-40/L · 26
24-36	UKK-40/L · 36
28-40	UKK-40/L · 40

接线 Connection

主端子(负载) Main terminal (load)	螺钉(M5)压线式端子 Screw(M5) crimping terminal
辅助触点 Auxiliary contact	线径 Wire dia: 2~14mm ² / φ 1.6-2.6 螺钉(M3.5)压线式端子 Screw(M3.5) crimping terminal

热过载继电器

Thermal overload relays

特点 Characteristics

- 直接与UK-50,65,75,85插接安装 Be splicing mounted with UK-50,65,75,85 directly
- 导轨或通过独立安装单元(AZ-85H)独立安装
Be mounted by guide rail or through independent mounting unit (AZ-85H)
- 尺寸小:70mm宽 Small size: 70mm width
- 1NO+1NC脱扣触点 1NO+1NC tripping contact
- Class 20A脱扣标准 Class 20A tripping standard
- 过电流/缺相保护 Over-current/ phase-failure protection
- 适用环境温度-5~40℃ Applicable ambient temperature -5~40℃
- 手动/自动复位 Manual/ automatic reset
- 自由脱扣设计 Design of trip free
- 双金属片式 Bimetal element type

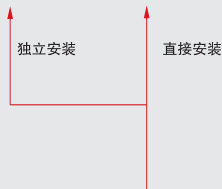


UK-85/L



AZ-85H

- UK-50
- UK-65
- UK-75
- UK-85



UKK-85/L

电流范围(A) Current range	Class 20A
7-10	UKK-85/L · 10
9-13	UKK-85/L · 13
12-18	UKK-85/L · 18
16-22	UKK-85/L · 22
18-26	UKK-85/L · 26
24-36	UKK-85/L · 36
28-40	UKK-85/L · 40
34-50	UKK-85/L · 50
45-65	UKK-85/L · 65
54-75	UKK-85/L · 75
63-85	UKK-85/L · 85

接线 Connection

主端子(负载) Main terminal (load)	50A以下 Below	螺钉(M6)压线式端子 Screw(M6) crimping terminal 线径 Wire dia: 2~22mm ²
	65A以上 Above	螺钉(M8)压线式端子 Screw(M8) crimping terminal 线径 Wire dia: 2~38mm ²
辅助触点 Auxiliary contact	螺钉(M3.5)压线式端子 Screw (M3.5) crimping terminal	

接线 Connection

主端子(负载) Main terminal (load)	螺钉(M16)压线式端子 Screw(M16) crimping terminal
辅助触点 Auxiliary contact	线径 Wire dia: 80~325mm ² 螺钉(M3.5)压线式端子 Screw(M3.5) crimping terminal

热过载继电器

Thermal overload relays



UKK-100/L



UKK-150/L

特点 Characteristics

- 通过底板可直接与接触器安装 Be mounted with contactor directly through base plate
- UK-100和UKC1-100,125接触器(100,125AF)
UK-100 and UKC1-100,125 contactor (100,125AF)
- UK-150和UKC1-150接触器(150AF) UK-150 and UKC1-150 contactor (150AF)
- 1NO+1NC脱扣触点 1NO+1NC tripping contact
- Class 20A脱扣标准 Class 20A tripping standard
- 过电流/缺相保护 Over-current/ phase-failure protection
- 适用环境温度-5~40℃ Applicable ambient temperature -5~40℃
- 手动/自动复位 Manual/ automatic reset
- 自由脱扣设计 Design of trip free
- 双金属片式 Bimetal element type

100AF

电流范围(A) Current range	Class 20A
34-50	UKK-100/L · 50
39-57	UKK-100/L · 57
43-65	UKK-100/L · 65
54-80	UKK-100/L · 80
65-100	UKK-100/L · 100
85-125	UKK-100/L · 125

150AF

电流范围(A) Current range	Class 20A
34-50	UKK-150/L · 50
39-57	UKK-150/L · 57
43-65	UKK-150/L · 65
54-80	UKK-150/L · 80
65-100	UKK-150/L · 100
85-125	UKK-150/L · 125
100-150	UKK-150/L · 150

接线 Connection

主端子(负载) Main terminal (load)	螺钉(M8)压线式端子 Screw(M8) crimping terminal
辅助触点 Auxiliary contact	线径 Wire dia: 2~100mm ² 螺钉(M4)压线式端子 Screw(M4) crimping terminal

热过载继电器

Thermal overload relays



UKK-220/L

特点 Characteristics

- 可直接与接触器安装 Be mounted with contactor directly
- UK-220和UKC1-180,220接触器(180,220AF)
UK-220 and UKC1-180,220 contactor (180,220AF)
- 1NO+1NC脱扣触点 1NO+1NC tripping contact
- Class 20A脱扣标准 Class 20A tripping standard
- 过电流/缺相保护 Over-current/ phase-failure protection
- 适用环境温度-5~40℃ Applicable ambient temperature -5~40℃
- 手动/自动复位 Manual/ automatic reset
- 自由脱扣设计 Design of trip free
- 双金属片式 Bimetal element type
- CT动作型 CT action type

220AF

电流范围(A) Current range	Class 20A
65-100	UKK-220/L · 100
85-125	UKK-220/L · 125
100-160	UKK-220/L · 160
120-180	UKK-220/L · 180
160-240	UKK-220/L · 240

接线 Connection

主端子(负载) Main terminal (load)	UK-220	螺钉(M10)压线式端子 Screw(M10) crimping terminal
辅助触点 Auxiliary contact		线径 Wire dia: 2~150mm ² 螺钉(M3.5)压线式端子 Screw(M3.5) crimping terminal



UKK-630/L

特点 Characteristics

- 可直接与接触器安装 Be mounted with contactor directly
- UK-630和UKC1-330,400,500,630接触器
UK-630 and UKC1-330,400,500,630 contactor
- 1NO+1NC脱扣触点 1NO+1NC tripping contact
- Class 20A脱扣标准 Class 20A tripping standard
- 过电流/缺相保护 Over-current/ phase-failure protection
- 适用环境温度-5~40℃ Applicable ambient temperature -5~40℃
- 手动/自动复位 Manual/ automatic reset
- 自由脱扣设计 Design of trip free
- CT动作型 CT action type

电流范围(A) Current range	Class 20
220-330	UKK-630/L · 330
300-500	UKK-630/L · 500
380-630	UKK-630/L · 630

接线 Connection

主端子(负载) Main terminal (load)	螺钉(M16)压线式端子 Screw(M16) crimping terminal
辅助触点 Auxiliary contact	线径 Wire dia: 80~325mm ² 螺钉(M3.5)压线式端子 Screw(M3.5) crimping terminal

3极可逆接触器

3P Reversing contactor

特点 Characteristics

- 3对主触点 3 pairs of main contacts
- 机械联锁 Mechanical interlock
- 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
- 可在顶部/侧面安装附件 The accessory can be mounted on the top or at side
- 与热过载继电器直接安装 Be connected with the thermal overload relay directly

3极可逆接触器 (交流线圈) Three pole reversing contactors (AC coil)

额定电流 Rated current	AC3(IEC60947)				辅助触点 (每个接触器)	型号 Type
	220~240V	380~440V	500~550V	690V		
9A	2.5kW	4kW	4kW	4kW	1NO+1NC	UKC1-9R
	11A	9A	7A	5A		
12A	3.5kW	5.5kW	7.5kW	7.5kW	1NO+1NC	UKC1-12R
	13A	12A	12A	9A		
18A	4.5kW	7.5kW	7.5kW	7.5kW	1NO+1NC	UKC1-18R
	18A	18A	13A	9A		
22A	5.5kW	11kW	15kW	15kW	1NO+1NC	UKC1-22R
	22A	22A	22A	18A		
32A	7.5kW	15kW	18.5kW	18.5kW	1NO+1NC	UKC1-32R
	32A	32A	28A	20A		
40A	11kW	18.5kW	22kW	22kW	1NO+1NC	UKC1-40R
	40A	40A	32A	23A		
50A	15kW	22kW	30kW	30kW	1NO+1NC	UKC1-50R
	55A	50A	43A	28A		
65A	18.5kW	30kW	33kW	33kW	1NO+1NC	UKC1-65R
	65A	65A	60A	35A		
75A	22kW	37kW	37kW	37kW	1NO+1NC	UKC1-75R
	75A	75A	64A	42A		
85A	25kW	45kW	45kW	45kW	1NO+1NC	UKC1-85R
	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极可逆接触器

3P Reversing contactor

可选附件
Optional accessory



热(双金属片)式
Thermal (bimetal) type



AU-1 辅助触点单元,
2极侧装
AU-1 auxiliary contact unit,
2-pole, side mounting



AU-2 辅助触点单元,
2极侧装
AU-2 auxiliary contact unit,
2-pole, side mounting



AU-4 辅助触点单元,
2极侧装
AU-4 auxiliary contact unit,
2-pole, side mounting



AL-9 机械闭锁单元
AL-9 Mechanical
lock unit



AS 浪涌抑制单元
AS Surge suppressing
unit

3极可逆接触器

3P Reversing contactor



特点 Characteristics

- 3对主触点 3 pairs of main contacts
- 机械联锁 Mechanical interlock
- 宽线圈电压 Wide coil voltage
- 螺钉安装 Fixed by screw
- 可在顶部/侧面安装附件 The accessory can be mounted at side

3极可逆接触器 (交流线圈) Three pole reversing contactors (AC Coil)

额定电流 Rated current	AC3(IEC60947)				辅助触点 (每个接触器)	型号 Type
	220~240V	380~440V	500~550V	690V		
100A	30kW	55kW	55kW	55kW	1NO+1NC	UKC1-100R
	105A	105A	85A	65A		
125A	37kW	60kW	60kW	60kW	1NO+1NC	UKC1-125R
	125A	120A	90A	70A		
150A	45kW	75kW	90kW	90kW	1NO+1NC	UKC1-150R
	150A	150A	140A	100A		
180A	55kW	90kW	110kW	110kW	1NO+1NC	UKC1-180R
	180A	180A	180A	120A		
220A	75kW	132kW	132kW	132kW	1NO+1NC	UKC1-220R
	250A	250A	200A	150A		
330A	100kW	200kW	200kW	200kW	-	UKC1-330R
	330A	330A	310A	200A		
400A	110kW	250kW	257kW	280kW	-	UKC1-400R
	400A	400A	400A	305A		
500A	147kW	295kW	355kW	335kW	-	UKC1-500R
	500A	500A	450A	355A		
630A	200kW	400kW	400kW	450kW	-	UKC1-630R
	630A	630A	600A	460A		
800A	220kW	450kW	450kW	475kW	-	UKC1-800R
	800A	800A	650A	500A		

线圈电压, AC/DC

24, 48, 100/200, 300, 400, 500V(UK-100, 125, 150, 180, 220)

100/200, 300, 400, 500V(UK-330, 400)

100/200, 300, 400, 500V(UK-500, 630, 800)

标称电压 Nominal voltage	AC50/60Hz	DC
24V	24-25V	24V
48V	48-50V	48V
100V	100-127V	100-110V
200V	200-240V	200-220V
100/200V	100-240V	100-220V
300V	265-347V	
400V	380-450V	
500V	440-575V	

3极可逆接触器

3P Reversing Contactor

可选附件
Optional accessory



UK-150
热(双金属片)式
Thermal (bimetal) type



AU-100辅助触点单元,
2极侧装
AU-100 auxiliary contact unit,
2-pole, side mounting



AS 浪涌抑制单元
AS Surge suppressing
unit



端子盖
Terminal cover



AI 绝缘隔板
AI Delay breaking

机械闭锁型接触器

Mechanical latching contactors

特点 Characteristics

- 3对主触点 3 pairs of main contacts
- 机械闭锁 Mechanical interlock
- 防触点安全罩设计 Design of anti-electric shock cover
- 导轨或螺钉安装 Installation of guide rail or screw
- 可在侧面安装辅助触点 The accessory can be mounted at side.
- 可与热过载继电器直接安装 Be connected with the thermal overload relay directly

3极机械闭锁型接触器(交流线圈)

Three pole mechanical latching contactors (AC coil)



UKC1-22/L



UKC1-85/L

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	20A	1NO+1NC	UKC1-9L
	11A	9A	7A	5A			
12A	3.5kW	5.5kW	7.5kW	7.5kW	20A	1NO+1NC	UKC1-12L
	13A	12A	12A	9A			
18A	4.5kW	7.5kW	7.5kW	7.5kW	25A	1NO+1NC	UKC1-18L
	18A	18A	13A	9A			
22A	5.5kW	11kW	15kW	15kW	32A	1NO+1NC	UKC1-22L
	22A	22A	22A	18A			
32A	7.5kW	15kW	18.5kW	18.5kW	50A	1NO+1NC	UKC1-32L
	32A	32A	28A	20A			
40A	11kW	18.5kW	22kW	22kW	60A	1NO+1NC	UKC1-40L
	40A	40A	32A	23A			
50A	15kW	22kW	30kW	30kW	80A	1NO+1NC	UKC1-50L
	55A	50A	43A	28A			
65A	18.5kW	30kW	33kW	33kW	100A	1NO+1NC	UKC1-65L
	65A	65A	60A	35A			
75A	22kW	37kW	37kW	37kW	110A	1NO+1NC	UKC1-75L
	75A	75A	64A	42A			
85A	25kW	45kW	45kW	45kW	135A	1NO+1NC	UKC1-85L
	85A	85A	75A	45A			

接触器线圈电压, 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

释放线圈电压

AC50/60Hz: 100(100~127V), 200(200~240V), 300(260~350V), 400(380~440V),
500(460~550V)

DC: 12, 24, 48, 100(100~110V), 125(120~125V), 200(200~220V)

机械闭锁型接触器

Mechanical latching contactors

可选附件
Optional accessory



热(双金属片)式
Thermal (bimetal) type



热(双金属片)式
Thermal (bimetal) type



AU-1 辅助触点单元,
2极侧装
AU-1 auxiliary contact unit,
2-pole, side mounting



AS 浪涌抑制单元
AS Surge suppressing
unit



AU-1 辅助触点单元,
2极侧装
AU-1 auxiliary contact unit,
2-pole, side mounting



AS 浪涌抑制单元
AS Surge suppressing
unit

机械闭锁型接触器

Mechanical latching contactors



特点 Characteristics

- 3对主触点 3 pairs of main contacts
- 机械闭锁 Mechanical interlock
- 宽线圈电压 Wide coil voltage
- 螺钉安装 Fixed by screw
- 1NO+2NC辅助触点为标准配置
1NO+2NC Auxiliary contacts are of standard designed
- 可在侧面安装辅助触点 The accessory can be mounted at side.

3极机械闭锁型接触器 Three pole mechanical latching contactors

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			
100A	30kW	55kW	55kW	55kW	150A	1NO+2NC	UKC1-100L
	105A	105A	85A	65A			
125A	37kW	60kW	60kW	60kW	150A	1NO+2NC	UKC1-125L
	125A	120A	90A	70A			
150A	45kW	75kW	90kW	90kW	200A	1NO+2NC	UKC1-150L
	150A	150A	140A	100A			
180A	55kW	90kW	110kW	110kW	230A	1NO+2NC	UKC1-180L
	180A	180A	180A	120A			
220A	75kW	132kW	132kW	132kW	260A	1NO+2NC	UKC1-220L
	250A	250A	200A	150A			

接触器线圈电压, AC/DC通用

24, 48, 100/200, 300, 400, 500V

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	-

释放线圈电压

AC50/60Hz: 100(100~127V), 200(200~240V)

机械闭锁型接触器

Mechanical latching contactors

可选附件
Optional accessory



热(双金属片)式
Thermal (bimetal) type



AU-100辅助触点单元,
2极侧装
AU-100 auxiliary contact unit,
2-pole, side mounting



AS 浪涌抑制单元
AS Surge suppressing
unit



端子盖
Terminal cover



AI 绝缘隔板
AI Delay breaking

中间继电器

Auxiliary relays

特性 Characteristics

- 高可靠性 High reliability
使用专用的镀银触点提高了继电器的可靠性
With special silvering contact, improving the safety of relay
 - 长寿命 Long lifetime
额定工作电流下机械寿命大于100万次,电气寿命在50-100万次
More than 1 million cycles for mechanical life, and 0.5-1 million cycles for electric life under rated working current.
 - 可安装在轨道上 Mounted on the track
全部型号可安装在35mm标准导轨上
 - 设置安全保护罩 Protected with safety cover
- 额定容量 Rated ultimate**



型号 Model		UKR-4(D)	UKR-6(D)	UKR-8(D)
触点构成 Contact constitution		4NO, 3NO1NC, 2NO2NC, 1NO3NC, 4NC	6NO, 5NO1NC, 4NO2NC, 3NO3NC, 2NO4NC	8NO, 7NO1NC, 6NO2NC, 5NO3NC, 4NO4NC
额定绝缘电压 Rated insulation voltage(Ui)		690V		
约定发热电流 Conventional thermal current(Ith)		16A		
额定交流 Rated AC	级别 Grade		AC15极(感性负载) AC15 class(Inductive load)	AC12级(阻抗负载) AC12 class(Inpedance load)
	额定电流 Rated current(A)	AC110V	6	10
		AC220V	3	8
		AC440V	1.5	5
		AC550V	1.2	5
	短路分断电流 Short-circuit breaking current(A)	AC110V	66	66
		AC220V	33	33
		AC440V	16.5	16.5
AC550V		13.2	13.2	
额定直流 Rated DC	级别 Grade		DC13极(感性负载) DC13 class(Inductive load)	DC12(阻抗负载)DC12 class(Inpedance load)
	额定电流 Rated current(A)	DC24V	3	5
		DC48V	1.5	3
		DC110V	1.1	2.5
		DC220V	0.55	1
	短路分断电流 Short-circuit breaking current(A)	DC24V	3.7	-
		DC48V	1.8	-
		DC110V	1.4	-
DC220V		0.7	-	
寿命(万次) Life(10000 times)	电气 Electrical	50		25
	机械 Mechanical		2,000	
频率 Frequency	次/小时 Times/hour		1,800	

性能 Performance

型号 Model	极数 NO. Poles	频率(次/小时) Frequency (times/hour)	机械寿命(万次) Mechanical life	电气寿命 Electrical life				
				AC-15类负载 Type load(A)		AC-12类负载 Type load(A)		DC13,12类负载 Type load(A)
				220V	440V	220V	440V	12-220V
UKR-4,4D	4	1,800	1,000	50	50	25	25	50
UKR-6,6D	6	1,800	1,000	50	50	25	25	50
UKR-8,8D	8	1,800	1,000	50	50	25	25	50

中间继电器

Auxiliary relays

操作线圈额定值 Operating coil rating

1) 交流线圈额定值 AC coil rating

型号 Type	额定电压 Rated voltage	
	50HZ	60HZ
UKR-4	24V, 42V, 48V, 100V, 110V,	24V, 48V, 100V, 120V,
UKR-6	220V, 240V, 380V, 400V,	208V, 220V, 240V, 277V,
UKR-8	440V, 500V, 550V	380V, 440V, 480V, 600V

注: 1.在UKC1-9-85中,50HZ和60HZ线圈是分开的。

Note: the coils are apart in UKC1-9~85 at 50Hz and 60Hz.

2) 直流线圈额定值 DC coil rating

型号 Type	额定电压 Rated voltage
UKR-4D UKR-6D UKR-8D	12V, 20V, 24V, 48V, 60V, 80V, 100V, 110V,125V,200V,220V,250V

2.操作线圈电压的使用范围是额定电压的0.85-1.1倍之间。

The using range of operating coil voltage refers to the rating coil of between 0.85 and 1.1 times of rated voltage.

操作线圈额定值 Operating coil rating

1) 交流线圈额定值(AC220V, 60Hz基准) AC coil rating (AC220V, 60Hz criterion)

型号 Type	线圈消耗 Coil consumption (VA)		热消耗 Heat consumption	动作电压 Operating voltage		动作时间 Operating time				
	启动时 Inrush	吸合时 Sealed		吸合电压 Closing voltage	断开电压 Off voltage	线圈通电 NO触点接通	线圈通电 NC触点断开	线圈通电 NO触点接通	线圈通电 NC触点断开	
						NO contact switches in while the power on of the powered	NC contact switch while the coil is not powered	NO contact switches in while the power on of the powered	NC contact switch while the coil is not powered	
UKR-4	4NO	95	9	2	141-156	105-125	10-17	-	7-13	-
	2NO2NC				138-148	110-130	8-15	6-15	7-13	8-15
UKR-6	6NO				145-160	100-120	10-17	-	7-13	-
	3NO3NC				140-155	105-125	10-16	5-13	7-13	8-15
UKR-8	8NO				150-160	90-110	10-18	-	7-13	-
	4NO4NC				148-158	95-115	10-16	5-13	7-13	8-15

2) 直流线圈(DC110V基准) AC coil rating (DC 110V criterion)

型号 Type	线圈消耗 Coil consumption (VA)		热消耗 Heat consumption	动作电压 Operating voltage		动作时间 Operating time				
	启动时 Inrush	吸合时 Sealed		吸合电压 Closing voltage	断开电压 Off voltage	线圈通电 NO触点接通	线圈通电 NC触点断开	线圈通电 NO触点接通	线圈通电 NC触点断开	
						NO contact switches in while the power on of the powered	NC contact switch while the coil is not powered	NO contact switches in while the power on of the powered	NC contact switch while the coil is not powered	
UKR-4D	4NO	9	9	50	65-75	15-35	45-55	-	7-13	-
	2NO2NC				63-73	18-38	40-50	20-30	7-13	13-19
UKR-6D	6NO				68-78	15-35	45-55	-	7-13	-
	3NO3NC				63-73	18-38	40-50	20-30	7-13	8-15
UKR-8D	8NO				70-80	15-35	45-55	-	7-13	-
	4NO4NC				63-73	18-38	40-50	20-30	7-13	13-19

切换电容器

Switchover capacitor

特性 Characteristics

- 当切换电容器接触器吸合时，电容器必须在充电前先放电(最大末端剩余电压 $\leq 50V$)
- 为有效防止短路电流，gG类熔断器必须为电路额定电流的1.5-2倍。
- 切换电容器单元和接触器需用阻抗线相连。
- When switchover capacitor contactor switches in, the capacitor must discharge before charging. (Max.terminal residual voltage).
- The rated current of gG type fuse must be 1.5-2 times of that of circuit to effectively avoid short circuit.
- Switchover capacitor unit shall be connected with contactor by using impedance line.



说明 Description

- UKC1(D)-C: 当切换电容器接触器，可以切换三相单级或多级电容器组。符合IEC60947-4941，UL和CSA标准。
- Switchover capacitor can switch over 3-phase single-or multiple-stage capacitor bank. In conformity with IEC-69047-4941, UL and CSA.



操作参数 Operating parameter

动作频率(次/小时) Operating frequency (cycles/hour)	UKC(D)1-9C, 12C, 18C, 22C, 32C, 40C	2X40次/小时 Cycles/hour
	UKC(D)1-50C, 65C, 75C, 85C	100次/小时 Cycles/hour
电气寿命(次) Electrical life (times)	UKC(D)1-9C, 12C, 18C, 22C, 32C, 40C	200,000次 Cycles
	UKC(D)1-50C, 65C, 75C, 85C	100,000次 Cycles

额定参数 Rated parameter

型号 Model	最大运行功耗 Max.power of motor (kvar)			额定电流(A) Rated current	适用单元 Delay applicable
	220-240V	400-440V	550-600V		
UKC(D)1-9C	5	9.7	14	14	AC-9
UKC(D)1-12C	6.5	12.5	18	18	AC-9
UKC(D)1-18C	8.5	16.7	24	24	AC-9
UKC(D)1-22C	10	18	26	26	AC-9
UKC(D)1-32C	15	25	36	36	AC-9
UKC(D)1-40C	20	33.3	48	48	AC-9
UKC(D)1-50C	22	40	58	58	AC-50
UKC(D)1-65C	25	45.7	66	66	AC-50
UKC(D)1-75C	29.7	54	78	78	AC-50
UKC(D)1-85C	35	60	92	92	AC-50

注：环境温度 $\leq 55^{\circ}C$

当运行时间超过24小时,根据IEC70和831标准,环境的平均温度应限定为 $45^{\circ}C$ 左右。

When the operating times is less than an hour, the mean temperature of environment shall be limited around $45^{\circ}C$ according to IEC70 and 831



辅助附件

Auxiliary accessories



辅助附件

Auxiliary accessories

侧面安装型 Side on type

型号 Model	极数 Pole	接触构造 Contact configuration	分并触头 Combined contactors
AU-1	2	1NO1NC	UKC(D)1-9~UKC(D)1-85
AU-100	4	1NO1NC	UKC(D)1-100~UKC(D)1-220

顶部安装型 Head on type

型号 Type	极数 Pole	接触构造 Contact configuration	分并触头 Combined contactors
AU-2	2	2NO,1NO1NC	UKC(D)1-9~UKC(D)1-85
AU-4	4	4NO,3NO1NC,2NO2NC,1NO3NC,4NC	

额定值 Ratings

型号 Model		额定电流 Rated current(A)																发热电流 Thermal current
		交流电15系列 AC 15 duty				直流电13系列 DC 13 duty				交流电12系列 AC 12 duty				直流电12系列 DC 12 duty				
		110V	220V	440V	550V	24V	48V	110V	220V	110V	220V	440V	550V	24V	48V	110V	220V	
顶部安装 Head on	AU-2	6	3	1.5	1.2	3	1.5	0.55	0.27	10	8	5	5	5	3	2.5	1	16
	AU-4	6	3	1.5	1.2	3	1.5	0.55	0.27	10	8	5	5	5	3	2.5	1	16
侧面安装 Side on	AU-1	6	5	3	3	3	1.5	0.55	0.27	10	8	5	5	5	3	2.5	1	16
	AU-100	6	5	3	3	6	3	1.2	0.2	10	10	5	5	5	3	1.5	0.25	16

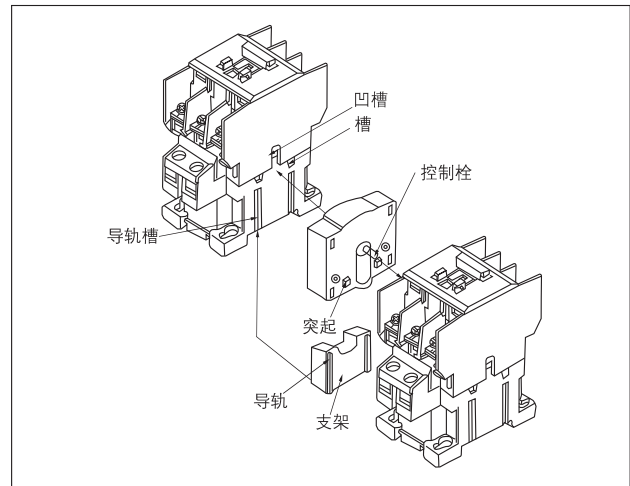
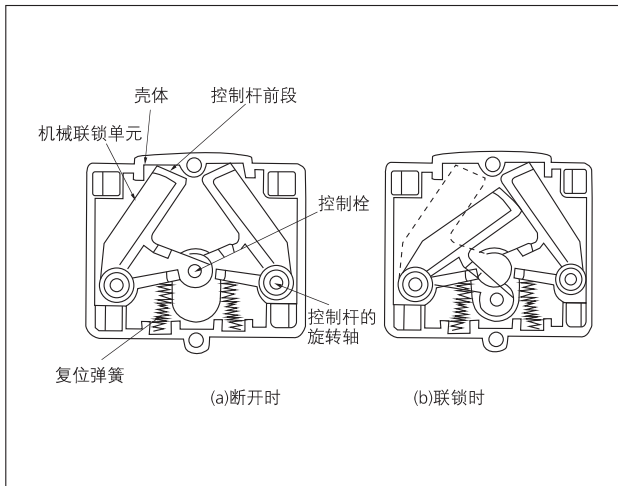
性能 Performance

型号 Model	频率(次/时) Frequency (times/hour)	机械寿命(万次) Mechanical (10000 times)	电气寿命(万次) Electrical life (10000 times)				
			AC-15类		AC-12类		DC13, 12类
			220V	440V	220V	440V	24~220V
AU-2	1800	2000	50	50	25	25	50
AU-4	1800	2000	50	50	25	25	50
AU-1	1800	2500	50	50	25	25	50
AU-100	1800	1000	50	50	25	25	50

机械联锁单元 Mechanical latch Unit

型号 Model	适用接触器 Suitit for contactor	
AR-9 水平式	UKC(D)1-9~85	UKC(D)1-9/4~85/4
AR-100 水平式	UKC1-100~150	-
AR-180 水平式	UKC1-180~220	UKC1-100/4~220/4
AR-330(3) 3极水平式	UKC1-330~500	UKC1-330/4~500/4
AR-630(3) 3极水平式	UKC1-630~800	UKC1-630/4~800/4
AR-100V 垂直式	UKC1-100~150	
AR-180V 垂直式	UKC1-180~220	





结构和运行

- 结构

UKC1(S1)-9R-85R为Din-轨道安装式。UKC1(S1)-9R-85R通常采用机械联锁单元。

运行状态

- 开状态

当接触器的两面处于“OFF(关)”状态时，回跳弹簧使杠杆保持在“OPEN(开)态”。

- 联锁

当接触器随着杠杆销沿着横杠杆向下运动被励磁后，联锁杠杆转动旋转轴，并且两个杠杆的头被联锁。

- 释放

如果两个接触器中的一个被移动，横杠由于推出弹簧的作用而向下移动，然后联锁杠杆沿着横杠向上移动，并加上回跳弹簧的能量，联锁杠杆被推到开路位置。

- 注意事项

电气联锁应被连接到两个接触器的常闭(NC)触头。
禁止水平安装

Structure and operation

- Structure

UKC1(S1)-9R-85R are Din-rail mounting type The mechanical interlock unit is commonly used in UKC1(S)-9R-85R

Operation

- Open state

when the both sides of the contactors are “OFF”, lever maintains “OPEN” state by rebounding springs.

- Interlocking

When a contactor is energized. As the lever pin comes down by the crossbar, interlock lever revolves the axis of rotation, and the heads of two levers are interlocked.

- Releasing

If one of the two contactors is removed, crossbar comes up by the power of kick out spring, and then interlock lever goes up by the cross bar, and added with the power of rebounding springs, the interlock lever gets pushed up to the open position.

- Handling

The electrical interlock should be commonly connected to the “NC” contacts of the two contactors. Do not install horizontally.

机械闭锁单元

Mechanical latching unit



特性 Characteristics

当接触器主触点吸合时，拉动闭锁单元的内部杠杆动作，使接触器处一闭锁状态。当给闭锁单元的线圈通电后，可使闭锁状态解除。

When master contact of contactor switches in, the lever in the lock unit will be pulled for actuation, making the contactor locked, when the coil of lock unit is electrified, the lock will release.

减少线圈损耗、节能并运行可靠

Reducing the consumption of coil, energy-saving and safe operation

瞬时吸合闭锁后，线圈断电仍可正常接通工作，只有给闭锁单元通电后方可断开触头。

After instant switching in lock, It can switch in normally even if the lock unit is power off.

The contact won't switch off until the lock unit is power on.

释放线圈的额定值 Release coil rating

型号 Model	正常电压 Nominal voltage	额定电压 Rated voltage
UKC1-9L~85L	AC 100V	100~127V 50/60Hz
	AC 200V	200~240V 50/60Hz
	AC 300V	260~350V 50/60Hz
	AC 400V	380~440V 50/60Hz
	AC 500V	460~550V 50/60Hz
	DC 12V	DC 12V
	DC 24V	DC 24V
	DC 48V	DC 48V
	DC 100V	DC 100~110V
	DC125V	DC 120~125V
UKC1-100L~220L	AC 100V	100~127V 50/60Hz
	AC 200V	200~240V 50/60Hz

特性 Characteristics

型号 Model	辅助 Aux.	关闭及断开 Close and open		寿命 Lifetime (10,000 times)	
	接触器 Contact	分断电流 Breaking current	频率 Frequency	电气 Electrical	机械 Mechanical
UKC1-9L, 12L, 18L, 22L	1NO 1NC	10 times of AC3 ratings	1200 times / hour	50	50
UKC1-32L, 40L	2NO 2NC			25	25
UKC1-50L, 65L, 75L, 85L	1NO 2NC				
UKC1-100L, 125L	1NO 2NC	10 times of AC3 ratings		25	25
UKC1-150L					

操作特点 Operational characteristics

AC 220V 60Hz

型号 Model	线圈功耗(VA) Coil consumption		动作电压 Operational voltage (ms)		动作时间 Operational time (ms)		操作变压器容量(VA) Running capacity of transformer
	吸合 Close	断开 Open	吸合 Close	断开 Open	吸合 Close	断开 Open	
UKC1-9L, 12L, 18L, 22L	100	90	160	45	15	11	40~60
UKC1-32L, 40L	100	90	160	45	15	11	40~60
UKC1-50L, 65L, 75L, 85L	120	100	160	45	30	15	40~60
UKC1-100L, 125L	298	500	80	150	30~34	10~25	500
UKC1-150L	298	500	80	150	37~41	10~25	500
UKC1-180L, 220L	380	500	80	150	45	10~25	500

浪涌抑制单元

Surge restraint unit

浪涌抑制单元 Surge restraint unit



型号 Type	元件 Element	操作电压 Operational voltage(V)	元件选型 Element type selection	适用接触器 Suit for contactor
AS-11	压敏电阻 Varistor	AC/DC 24~48V	压敏电阻 (varistor)120V	UKC1-9~ UKC1-800
AS-12		AC/DC 100~125V	压敏电阻 (varistor)270V	
AS-13		AC/DC 200~240V	压敏电阻 (varistor)470V	
AS-14		AC 380~440V	压敏电阻 (varistor)1000V	
AS-1	CR + 压敏电阻 Varistor	AC24~48V	压敏电阻 120V 0.1 μ F, 100 Ω	UKC1-9~ UKC1-85
AS-2		AC100~125V	压敏电阻 270V 0.1 μ F, 100 Ω	
AS-3		AC200~240V	压敏电阻 470V 0.1 μ F, 100 Ω	
AS-4		DC24~48V	压敏电阻 120V 0.47 μ F, 100 Ω	UKD1-9~ UKD1-85
AS-5		DC100~125V	压敏电阻 270V 0.47 μ F, 100 Ω	
AS-6		DC200~220V	压敏电阻 470V 0.47 μ F, 100 Ω	

注: *CR=电容+电阻

特性 Characteristics

配量 Rationing	性能 Performance	浪涌波形 S
无浪涌单元 No-surge unit	当线圈断电,有浪涌电压产生并可能引起误动作及损坏线圈 When the coil power off, surge voltage will emerge, which may cause error action and damage the coil.	
有压敏电阻 Varistor	在线圈旁并联压敏电阻后会有效的降低浪涌电压峰值 Varistor connected with the coil in parallel will effectively reduce the surge voltage peak value.	
有CR+压敏电阻	加装CR后会同时降低浪涌峰值及高频波 Both surge peak value and high frequency wave will drop after addition of CR.	



接触器主端子保护或端子盖

Master terminal protective cover or terminal cover of contractor

型号 Model	适用3极接触器 Suit for three poles contactor	型号 Model	适用4极接触器 Suit for four poles contactor
AP125	UKC1-100~125	AP220/4	UKC1-100~220
AP150	UKC1-150		
AP220	UKC1-180~220		

热过载继电器主端子保护或端子盖

Master terminal protective cover or terminal cover of thermal overload relay

型号 Model	适用的热过载继电器 Applicable thermal overload relay
APT125	UKH(K)-125
APT150	UKH(K)-150

AP	T	125	4
端子保护罩	- 接触器 T 热过载 S 启动器	125 100-125A 150 150A 220 180~220A	- 3极 pole 4 4极 pole

AJ	100	型号 Type	适用3极接触器 Suit for three poles contactor	型号 Type	适用3极接触器 Suit for three poles contactor
端子接线头 Terminal connector lug		100	UKC1-100,125	180	UKC1-100/4-220/4
		150	UKC1-150		
		180	UKC1-180,220		

延时断开单元

Delay operation unit

特性 Characteristics

- 延时断开装置防止控制电源在1-4s内跌落或电源电压中断是接触器以外断开。
- Delay breaking device can prevent control power source from dropping within 1-4s or the contactor from switching off accidentally when supply voltage is interrupted.

额定容量 Rated ultimate

型号(组合方式) Type (Combined mode)		额定容量(KW) (AC3 负载) Rated ultimate(KW) (AC3 type load)			额定工作电流(A) (AC3 负载) Rated work current (A) (AC3 type load)			约定发热电流 Ith Ac1 Conventional heating current	辅助触头 Auxiliary contact
延时断开 单元 Delay operation cottage	使用的 接触器 Using contactor	220~ 240V	380~ 440V	500~ 550V	220~ 240V	380~ 440V	500~ 550V		
		AD-9	UKC1-9	2.5	4	4	11		
UKC1-12	3.5		5.5	7.5	13	12	12	25	
UKC1-18	4.5		7.5	7.5	18	18	13	40	
UKC1-22	5.5		11	15	22	22	22	40	
UKC1-32	7.5		15	18.5	32	32	28	50	
UKC1-40	11		18.5	22	40	40	32	60	
AD-50	UKC1-50	15	22	30	55	50	43	80	2NO 2NC
	UKC1-65	18.5	30	37	65	65	60	100	
	UKC1-75	22	37	45	75	75	64	110	
	UKC1-85	25	45	45	85	85	75	135	
AD-100	UKC1-100	30	55	55	105	105	85	150	
	UKC1-125	37	60	60	125	120	90	150	
	UKC1-150	45	75	90	150	150	140	200	
	UKC1-180	55	90	110	180	180	180	230	
	UKC1-220	75	132	132	220	220	200	260	

性能 Performance

型号(组合方式) Type (Combined mode)	短路分断电流(A) AC3 类负载 Short breaking current	操作频率 Operating frequency	寿命 Life time		延时时间 Delay time	电容器寿命 Capacitor life	延时断开单元 操作电压 Delay breaking unit operating voltage
			机械(万次) Mechanical (10000 times)	电气(万次) Electrical life (10000 times)			
UKC1-9~40+AD-9 UKC1-50~85+AD-50	短路 Short:10 × In 短路 Short:8 × In	600次/时 Cycles/hour	5 mil	1 mil	1-4秒	1. 启动寿命: 100, 000以上 2. 充电寿命: <45°C: 80,000h <50°C: 60,000h	AC 100~110V AC 200~220V (50Hz/60Hz)
UKC1-100~ 220+AD-100				0.5 mil			

延时断开单元

Delay operation unit

延时装置 Delayed Unit



型号 Type	延迟 Delay	时间 Time	辅助触点 Auxiliary contact	适用接触器 Suit for contactor
UT-0N	接通延时 Making delay	0.1~3 sec	1NO 1NC	UKC1-9~UKC1-85
UT-1N		0.1~30 sec		
UT-2N		10~180 sec		
UT-0F	断开延时 Breaking delay	0.1~3 sec		
UT-1F		0.1~30 sec		
UT-2F		10~180 sec		

参数 Parameter	型号 Model	空气延时头 Air delay contact
额定绝缘电压(V) Rated insulation voltage		660
额定工作电压(V) Rated working voltage		660
约定发热电流(A) Preset heating current		10
额定工作电流(A) (电感负载) Rated operating current	AC	110V
		220V
	DC	110V
		220V
最小负载(可靠工作) Min. Load		0.6VA(6V/10mAC 以上 above)
最高操作频率 Max. operating frequency		10800h
寿命 Life	机械 Mechanical	1000万次以上 10 million times above
	电气 Electric	120万次 1.2 million times
符合标准 Conforms Standard		GB-14048.4
海拔 Altitude		不超过2000米 Not exceed 2000m
环境温度°C Ambient temperature		-25--+55
安装条件 Installing condition		可与垂直面倾斜 ±30° Can be ±30° from the vertical plane
接线端可连接导线 Wiring terminal can be connected with conductor		1(或)2根软(或硬)线 1.5mm ² -2.5mm ² 1(or) 2 flexible (or hard) cords 1.5mm ² -2.5mm ²
绝缘电阻MQ Insulation resistance		10
耐压(AC) Resistance voltage		2500V:1分钟(min)
保存温度 Keeping temperature		-60--+80
相对湿度 Relative humidity		45%-85%
延时重复误差 Time delay repetitive error		(± 3%)
延时稳定误差 Time delay stabilized error		(± 20%)
温度误差 Temperature error		(± 0.3°C)
复位时间 Reset time		0.5秒以下 0.5s below

独立安装单元

Mount frame separately unit

单独安装支架(AZ-H)

Mount frame (AZ-H) separately

如须单独安装热过载继电器，可使用单独支座，并可用螺丝或导轨固定。

(适用型号：UKH-22, 40, 85)

If it is required to mount the thermal overload relay separately, use single seat and fix with screws or guide track, (Application type: UKH-22, 40, 85)

辅助触点额定参数 Aux.contacts rated parameters

型号 Model	额定工作电流 Rated working current (A)				
	AC15 类负载 AC15 Type load			DC13 类负载 DC13 Type load	
	110V	220V	550V	110V	220V
UKH-22, 40, 85	2.5(0.3)	2(0.3)	1(0.3)	0.28(0.28)	0.14(0.14)
UKH-100, 125, 220, 630					

注：括号内数值是自动复位时常开触点的额定参数

Note: the values in the bracket are the rated parameters of NO contact while automatically reset.

接触器和热继电器对应表

Comparison table of contactor and thermal relay

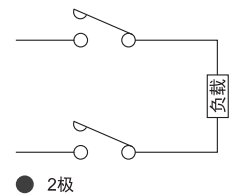
接触器 Continue actors	热继电器 Thermal relays
UKC1-6M	UKH(K)-12M
UKC1-9M	
UKC1-12M	
UKC1-16M	
UKC1-9	UKH(K)-22
UKC1-12	
UKC1-18	
UKC1-22	
UKC1-32	UKH(K)-40
UKC1-40	
UKC1-50	UKH(K)-85
UKC1-65	
UKC1-75	
UKC1-85	
UKC1-100	UKH(K)-100
UKC1-125	UKH(K)-150
UKC1-150	UKH(K)-220
UKC1-180	
UKC1-220	UKH(K)-630
UKC1-330	
UKC1-400	
UKC1-500	
UKC1-630	



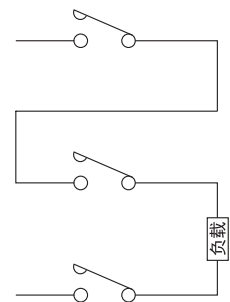


直流应用 Poles of DC circuit

型号 Model	极数 Number of poles	额定电流直流电机负载 Rated current (DC2, DC4) DC motor load L/R=15Ms				额定电流阻性负载 Rated current (DC1) DC motor load L/R=1Ms				额定电流线圈负载 Rated current (DC1) DC Coil load L/R=100Ms			
		24V	48V	110V	220V	24V	48V	110V	220V	24V	48V	110V	220V
UKC(D)1-9	2	8	4	2.5	0.8	10	10	6	3	8	4	2	0.3
	3	8	6	4	2	10	10	8	8	8	6	3	0.8
UKC(D)1-12	2	12	6	4	1.2	12	12	10	7	12	6	3	0.5
	3	12	10	8	4	12	12	12	12	12	10	5	2
UKC(D)1-18	2	12	6	4	1.2	18	18	13	8	12	6	3	0.5
	3	12	10	8	4	18	18	18	18	12	10	5	2
UKC(D)1-22	2	20	15	8	2	20	20	15	10	20	12	3	1.2
	3	20	20	15	8	20	20	20	20	20	15	10	4
UKC(D)1-32	2	25	20	10	3	25	25	25	12	25	15	4	1.2
	3	25	25	20	10	25	25	25	22	25	25	12	4
UKC(D)1-40	2	35	20	10	3.5	35	25	25	12	35	15	4	1.2
	3	35	30	20	12	35	35	35	30	35	25	12	4
UKC(D)1-50	2	45	25	15	3.5	50	40	35	15				
	3	50	35	30	12	50	50	50	40				
UKC(D)1-65	2	45	25	15	3.5	50	40	35	15				
	3	50	35	30	12	65	65	65	50				
UKC(D)1-75	2	65	40	20	5	75	65	50	20				
	3	80	60	50	20	75	75	75	55				
UKC(D)1-85	2	65	40	20	5	80	65	50	20				
	3	80	60	50	20	80	80	80	60				
UKC(D)1-100	2	100	60	40	30	100	100	80	50				
	3	100	90	80	50	100	100	100	80				
UKC(D)1-125	2	120	60	40	30	120	100	80	50				
	3	120	90	80	50	120	120	100	80				
UKC(D)1-150	2	150	100	80	60	150	120	100	100				
	3	150	130	120	80	150	150	150	150				
UKC(D)1-180	2	180	150	120	80	180	180	150	150				
	3	180	180	150	100	180	180	180	180				
UKC(D)1-220	2	220	150	120	80	220	180	150	150				
	3	220	220	150	100	220	220	220	220				
UKC(D)1-330	2	330	200	150	90	330	240	200	200				
	3	330	280	200	150	330	330	330	330				
UKC(D)1-400	2	400	200	150	90	400	240	200	200				
	3	400	280	200	150	400	400	400	300				
UKC(D)1-500	2	500	500	500	500	500	500	500	500				
	3	500	500	500	500	500	500	500	500				
UKC(D)1-630	2	630	630	630	630	630	630	630	630				
	3	630	630	630	630	630	630	630	630				
UKC(D)1-800	2	800	630	630	630	800	800	630	630				
	3	800	630	630	630	800	800	800	800				



● 2极



● 3极

技术参数

Technical specifications

星-三角启动额定值 Star-triangle startup rating

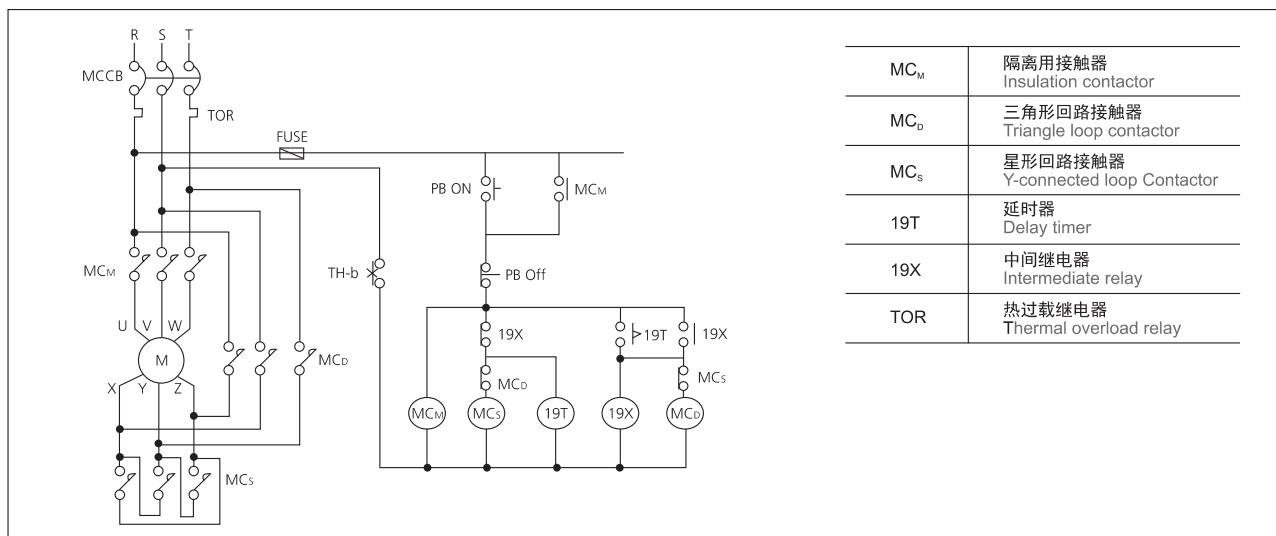
启动方式 Startup mode	启动(星形接触器) Magnetic(Star contactor)				工作(三角形接触器) Work(Star contactor)		
	启动电流 Magnetic current	转矩 Tightening Torque	满负载电流 Full load current	接触器电压 Contactor volage	满负载电流 Full load current	接触器电流 Contactor current	接触器电压 Contactor voltage
直接 Direct	6Ie	1.5T	6Ie	$Ue/\sqrt{3}$	Ie	Ie	$Ue/\sqrt{3}$
星-三角 Star-triangle	2Ie	0.5T	2Ie	$Ue/\sqrt{3}$	Ie	$Ie/\sqrt{3}$	Ue

星-三角启动接触器型号 Star-triangle startup contactors type

电机额定值 Motor rating		200~220V			380V~440V		
		启动(星形接触器) Magnetic(Star contactor)			工作(三角形接触器) Work(Star contactor)		
(KW)	(HP)	星形启动(MCS) Star startup	三角形工作(MCD) Triangie work	隔离用(MCM) for insulation	星形启动(MCS) Star startup	三角形工作(MCD) Triangle work	隔离用(MCM) for insulation
5.5	7.5	UKC1-9	UKC1-18	UKC1-18	UKC1-9	UKC1-12	UKC1-12
7.5	10	UKC1-12	UKC1-18	UKC1-18	UKC1-9	UKC1-18	UKC1-18
11	10	UKC1-18	UKC1-32	UKC1-32	UKC1-12	UKC1-18	UKC1-18
15	20	UKC1-22	UKC1-50	UKC1-50	UKC1-18	UKC1-18	UKC1-18
18.5	25	UKC1-32	UKC1-50	UKC1-50	UKC1-18	UKC1-22	UKC1-22
22	30	UKC1-32	UKC1-65	UKC1-65	UKC1-18	UKC1-32	UKC1-32
30	40	UKC1-65	UKC1-85	UKC1-85	UKC1-22	UKC1-50	UKC1-50
37	50	UKC1-65	UKC1-100	UKC1-100	UKC1-32	UKC1-50	UKC1-50
45	50	UKC1-75	UKC1-125	UKC1-125	UKC1-32	UKC1-65	UKC1-65
55	60	UKC1-85	UKC1-150	UKC1-150	UKC1-32	UKC1-85	UKC1-85
75	100	UKC1-100	UKC1-180	UKC1-180	UKC1-50	UKC1-100	UKC1-100
90	125	UKC1-125	UKC1-220	UKC1-220	UKC1-65	UKC1-125	UKC1-125
110	125	UKC1-150	UKC1-330	UKC1-330	UKC1-85	UKC1-150	UKC1-150
132	150	UKC1-180	UKC1-330	UKC1-330	UKC1-100	UKC1-180	UKC1-180
160	200	UKC1-220	UKC1-400	UKC1-400	UKC1-125	UKC1-220	UKC1-220
250	300	UKC1-330	UKC1-630	UKC1-630	UKC1-150	UKC1-330	UKC1-330
300	400	UKC1-400	UKC1-630	UKC1-630	UKC1-220	UKC1-400	UKC1-400

注:1.适用于AC3类负载 Applicable for AC3 type load 2.电机启动时间在15秒以内 The starting time of motor is with in 15 seconds

3.当使用电容补偿时,应考虑浪涌电流的影响 The influence of surge current shall be considered when using capacitance compensation



技术参数

Technical specifications



照明回路选择参考 Reference for selection of illuminaiton circuit

白炽灯回路 Incandescent lamp loop

每个接触器所配白炽灯的最大数量 Max.quantity of incandescent lamps equipped for one contactor

功率Tobe 型号Type	100V								200V							
	100W	150W	200W	250W	300W	500W	1000W	1500W	100W	150W	200W	250W	300W	500W	1000W	1500W
UKC(D)1-9	11	7	5	4	3	2	1	-	22	14	11	8	7	4	2	1
UKC(D)1-12	13	8	6	5	4	2	1	-	26	17	13	10	8	5	2	1
UKC(D)1-18	18	12	9	7	6	3	1	1	36	24	18	14	12	7	3	2
UKC(D)1-22	19	12	9	7	6	3	1	1	38	25	19	15	12	7	3	2
UKC(D)1-32	26	17	13	10	8	5	2	1	52	34	26	20	17	10	5	3
UKC(D)1-40	35	23	17	14	11	7	3	2	70	46	35	28	23	14	7	4
UKC(D)1-50	50	33	25	20	15	10	5	3	100	66	50	40	33	20	10	6
UKC(D)1-65	65	42	32	26	19	13	6	4	130	85	65	52	42	26	13	8

荧光灯回路 Fluorescent lamp circuit

每个接触器所配荧光灯的最大数量 Max. quantity of fluoescent lamps equipped for one contactor

型号 Type	功率 Tobe 荧光灯数量 Fluorescent quantity	100V							200V							
		40W		60W	80W	110W		200W	40W		60W	80W	110W		220W	
		注1	注2	1	1	1	2	1	1	2	1	1	1	2	1	1
	(A)	0.95(1.2)	0.96(1.1)	0.92	1.17	1.55	2.5	2.7	0.29(0.6)	0.48(0.55)	0.46	0.58	0.78	1.3	1.36	2.5
UKC(D)1-9	18(9)	11(10)	12	9	7	4	4	4	(37)18	22(20)	23	19	14	8	8	4
UKC(D)1-12	22(10)	13(11)	14	11	8	5	4	4	44(21)	27(23)	28	22	16	10	9	5
UKC(D)1-18	30(15)	18(16)	19	15	11	7	6	6	62(30)	37(32)	39	31	23	13	13	7
UKC(D)1-22	32(15)	19(17)	20	16	12	7	7	7	65(31)	39(34)	41	32	24	14	14	7
UKC(D)1-32	44(21)	27(23)	28	22	16	10	9	9	89(43)	54(47)	56	44	33	20	19	10
UKC(D)1-40	59(29)	36(31)	38	29	22	14	13	13	120(58)	72(63)	76	60	44	26	25	14
UKC(D)1-50	84(41)	52(45)	54	42	32	20	18	18	172(83)	104(90)	108	86	64	38	37	20
UKC(D)1-65	110(54)	67(59)	70	55	41	26	24	24	224(108)	135(118)	141	112	83	50	48	26

注：1.()内数值表示低功率回路

Note: the value in the bracket denotes the low power factor

● 水银(贡)灯回路 Mercury lamp loop

每个接触器所配贡灯的最大数量 Max. quantity of mercury lamps equipped for one contactor

型号 Type	功率 Tobe (A)	低功率因数型—高功率因数型 High power factor type-Low power factor type															
		40W	100W	200W	250W	300W	400W	700W	1000W	40W	100W	200W	250W	300W	400W	700W	1000W
			1.25	2.6	4.6	5.1	6.0	8.0	14.5	21	0.53	10	1.9	2.1	2.5	3.3	5.9
	0.55	1.4	2.6	3.0	3.7	4.9	8.5	12	-	0.65	1.2	1.5	1.8	2.3	4.1	5.8	
UKC(D)1-9	8/20	4/7	2/4	2/3	1/2	1/1	-/-	-/-	20/-	11/16	5/9	5/7	4/6	3/4	1/2	1/1	
UKC(D)1-12	10/23	5/9	2/5	2/4	2/3	1/1	-/1	-/1	24/-	13/20	6/10	6/8	5/7	3/5	2/3	1/2	
UKC(D)1-18	14/32	6/12	3/6	3/6	3/4	2/3	1/2	-/1	33/-	18/27	9/15	8/12	7/10	5/7	3/3	2/3	
UKC(D)1-22	15/34	7/13	4/7	3/6	3/5	2/3	1/2	-/1	35/-	19/29	10/15	9/12	7/10	5/8	3/4	2/3	
UKC(D)1-32	20/47	10/18	5/10	5/8	4/7	3/5	1/3	1/2	49/-	26/40	13/21	12/17	10/14	7/11	4/6	3/4	
UKC(D)1-40	28/63	13/25	7/13	6/11	5/9	4/7	2/4	1/2	66/-	35/53	18/29	16/23	14/19	10/15	5/8	4/6	
UKC(D)1-50	40/90	19/35	10/19	9/16	8/13	6/10	3/5	2/4	94/-	50/76	26/41	23/33	20/27	15/21	8/12	6/8	
UKC(D)1-65	52/118	25/36	14/25	12/21	10/17	8/13	4/7	3/5	122/-	65/100	34/54	30/43	26/36	19/28	11/15	7/11	

技术参数

Technical specifications

CO序短路情况 Sequence short circuit situation

塑壳断路器直接启动(50KA-415V.IEC60947) Moulded case circuit breaker direct mode

电机 Motor		塑壳断路器 Moulded case circuit breaker		接触器 Magnetic contactors	热过载继电器 Thermal overload relays	
KW	440V(A)	型号 Model	额定电流 Rated Power(A)	型号 Model	型号 Model	设置范围(A) Selection
5.5	11	UKBH(L)103	16	UKC1-32	UKH(K)-40	9-13
7.5	15	UKBH(L)103	16	UKC1-32	UKH(K)-40	12-18
10	19	UKBH(L)103	25	UKC1-32	UKH(K)-40	18-26
11	21	UKBH(L)103	25	UKC1-32	UKH(K)-40	18-26
15	28	UKBH(L)103	32	UKC1-32	UKH(K)-40	24-36
18.5	34	UKBH(L)103	40	UKC1-75	UKH(K)-85	28-40
22	39	UKBH(L)103	50	UKC1-75	UKH(K)-85	34-50
30	54	UKBH(L)103	63	UKC1-75	UKH(K)-85	45-65
37	66	UKBH(L)103	80	UKC1-75	UKH(K)-85	54-75
45	80	UKBH(L)103	100	UKC1-100	UKH(K)-100	65-100
55	99	UKBH(L)103	100	UKC1-100	UKH(K)-100	85-125
75	135	UKBH(L)203	160	UKC1-150	UKH(K)-150	100-150
90	160	UKBH(L)203	200	UKC1-180	UKH(K)-220	120-180
110	192	UKBH(L)203	200	UKC1-180	UKH(K)-220	160-240
132	226	UKBH(L)203	250	UKC1-220	UKH(K)-220	160-240
160	265	UKBH(L)403b	300	UKC1-400	UKH(K)-630	200-330
200	330	UKBH(L)403b	350	UKC1-400	UKH(K)-630	300-500
220	353	UKBH(L)403b	400	UKC1-400	UKH(K)-630	300-500
250	400	UKBS(L) 603b	500	UKC1-630	UKH(K)-630	300-500
300	480	UKBS(L) 603b	500	UKC1-630	UKH(K)-630	380-630

塑壳断路器直接启动(85KA-415V.IEC60947) Moulded case circuit breaker direct mode

电机 Motor		塑壳断路器 Moulded case circuit breaker		接触器 Magnetic contactors	热过载继电器 Thermal overload relays	
KW	440V(A)	型号 Model	额定电流 Rated Power(A)	型号 Model	型号 Model	设置范围(A) Selection
5.5	11	UKBH(L)103	16	UKC1-32	UKH(K)-40	9-13
7.5	15	UKBH(L)103	16	UKC1-32	UKH(K)-40	12-18
10	19	UKBH(L)103	25	UKC1-32	UKH(K)-40	18-26
11	21	UKBH(L)103	25	UKC1-32	UKH(K)-40	18-26
15	28	UKBH(L)103	32	UKC1-32	UKH(K)-40	24-36
18.5	34	UKBH(L)103	40	UKC1-75	UKH(K)-85	28-40
22	39	UKBH(L)103	50	UKC1-75	UKH(K)-85	34-50
30	54	UKBH(L)103	63	UKC1-75	UKH(K)-85	45-65
37	66	UKBH(L)103	80	UKC1-75	UKH(K)-85	54-75
45	80	UKBH(L)103	100	UKC1-100	UKH(K)-100	65-100
55	99	UKBH(L)103	100	UKC1-100	UKH(K)-100	85-125
75	135	UKBH(L)203	160	UKC1-150	UKH(K)-150	100-150
90	160	UKBH(L)203	200	UKC1-180	UKH(K)-220	120-180
110	192	UKBH(L)203	200	UKC1-180	UKH(K)-220	160-240
132	226	UKBH(L)203	250	UKC1-220	UKH(K)-220	160-240
160	265	UKBH(L)403b	300	UKC1-400	UKH(K)-630	200-330
200	330	UKBH(L)403b	350	UKC1-400	UKH(K)-630	300-500
220	353	UKBH(L)403b	400	UKC1-400	UKH(K)-630	300-500
250	400	UKBS(L) 603b	500	UKC1-630	UKH(K)-630	300-500
300	480	UKBS(L) 603b	500	UKC1-630	UKH(K)-630	380-630

技术参数

Technical specifications

具有保险装置的接触器 Contactor with safety device

型号 Model	AC1类负载 Type load(A)	690V AC3类负载 Type load(A)	短路测试 Short circuit test	
			保险可分断 100KA fuse breaking current	额定电压/分断电流 Rated voltage/c
UKC1-9	25	5	gL/g G 35A	690V/1KA
UKC1-12	25	9	gL/g G 35A	690V/1KA
UKC1-18	40	9	gL/g G 50A	690V/3KA
UKC1-22	40	18	gL/g G 50A	690V/3KA
UKC1-32	50	20	gL/g G 63A	690V/3KA
UKC1-40	60	23	gL/g G 80A	690V/3KA
UKC1-50	80	28	gL/g G 100A	690V/3KA
UKC1-65	100	35	gL/g G 100A	690V/3KA
UKC1-75	110	42	gL/g G 100A	690V/3KA
UKC1-85	135	45	gL/g G 200A	690V/3KA
UKC1-100	160	65	gL/g G 160A	690V/5KA
UKC1-125	160	70	gL/g G 160A	690V/5KA
UKC1-150	200	100	gL/g G 200A	690V/5KA
UKC1-180	230	120	gL/g G 225A	690V/5KA
UKC1-220	260	150	gL/g G 250A	690V/10KA
UKC1-330	400	200	gL/g G 400A	690V/10KA
UKC1-400	500	305	gL/g G 500A	690V/10KA
UKC1-500	700	355	gL/g G 700A	690V/15KA
UKC1-630	1000	460	gL/g G 1000A	690V/18KA
UKC1-800	1600	500	gL/g G 1600A	690V/18KA

具有保险装置的热过载继电器 Thermal overload relays with safety device

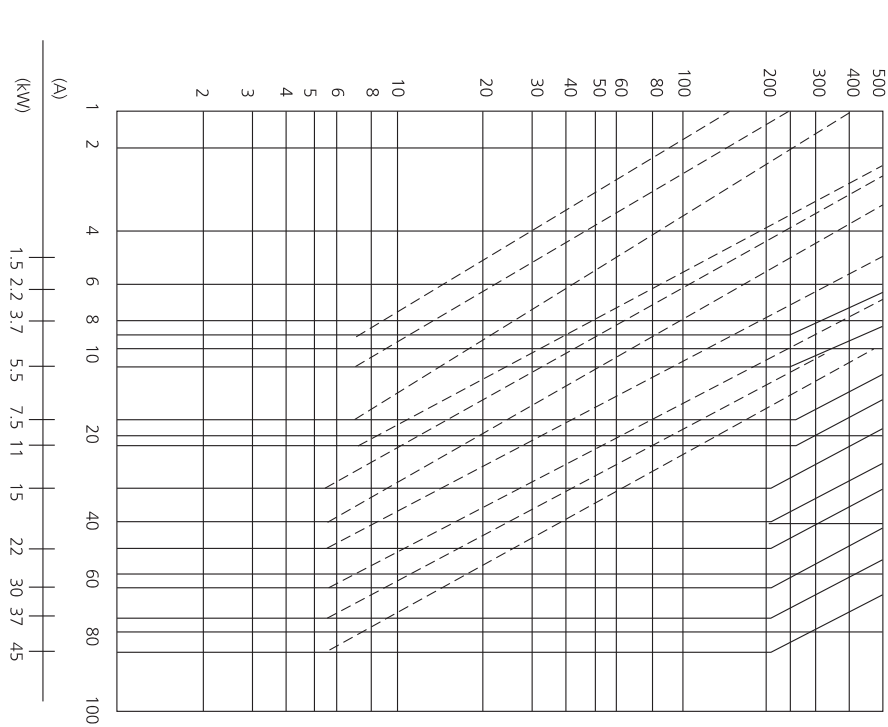
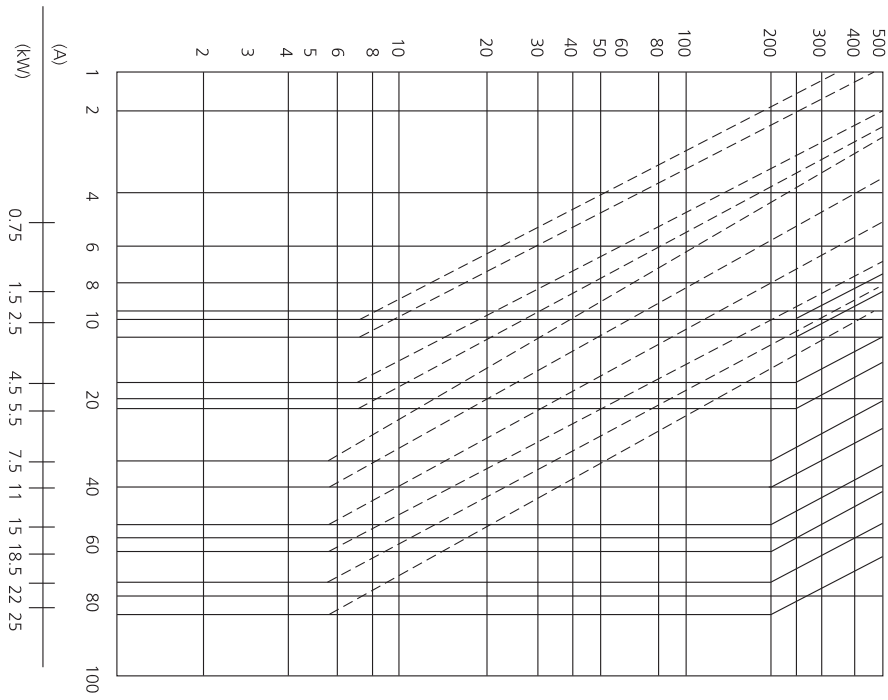
型号 Model	AC1类负载 Type load(A)	690V AC3类负载 Type load(A)	短路测试 Short circuit test	
			保险可分断 100KA fuse breaking current	额定电压/分断电流 Rated voltage/c
UKH(K)-22	40	1.6	gL/g G 4A	690V/1KA
UKH(K)-22		2.5	gL/g G 6A	690V/1KA
UKH(K)-22		4	gL/g G 10A	690V/1KA
UKH(K)-22		22	gL/g G 50A	690V/1KA
UKH(K)-40	60	6	gL/g G 16A	690V/1KA
UKH(K)-40		8	gL/g G 20A	690V/1KA
UKH(K)-40		9	gL/g G 20A	690V/1KA
UKH(K)-40		40	gL/g G 80A	690V/3KA
UKH(K)-85	135	18	gL/g G 35A	690V/3KA
UKH(K)-85		22	gL/g G 50A	690V/3KA
UKH(K)-85		26	gL/g G 63A	690V/3KA
UKH(K)-85		36	gL/g G 80A	690V/3KA
UKH(K)-85		40	gL/g G 80A	690V/3KA
UKH(K)-85		50	gL/g G 100A	690V/3KA
UKH(K)-85		65	gL/g G 160A	690V/5KA
UKH(K)-85		75	gL/g G 160A	690V/5KA
UKH(K)-85		85	gL/g G 200A	690V/5KA
UKH(K)-100		160	65	gL/g G 150A
UKH(K)-100	125		gL/g G 225A	690V/5KA
UKH(K)-150	200	100	gL/g G 200A	690V/5KA
UKH(K)-150		150	gL/g G 250A	690V/10KA
UKH(K)-220	260	150	gL/g G 250A	690V/10KA
UKH(K)-220		240	gL/g G 355A	690V/10KA
UKH(K)-630	1000	330	gL/g G 400A	690V/18KA
UKH(K)-630		500	gL/g G 700A	690V/18KA
UKH(K)-630		630	gL/g G 800A	690V/18KA

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)

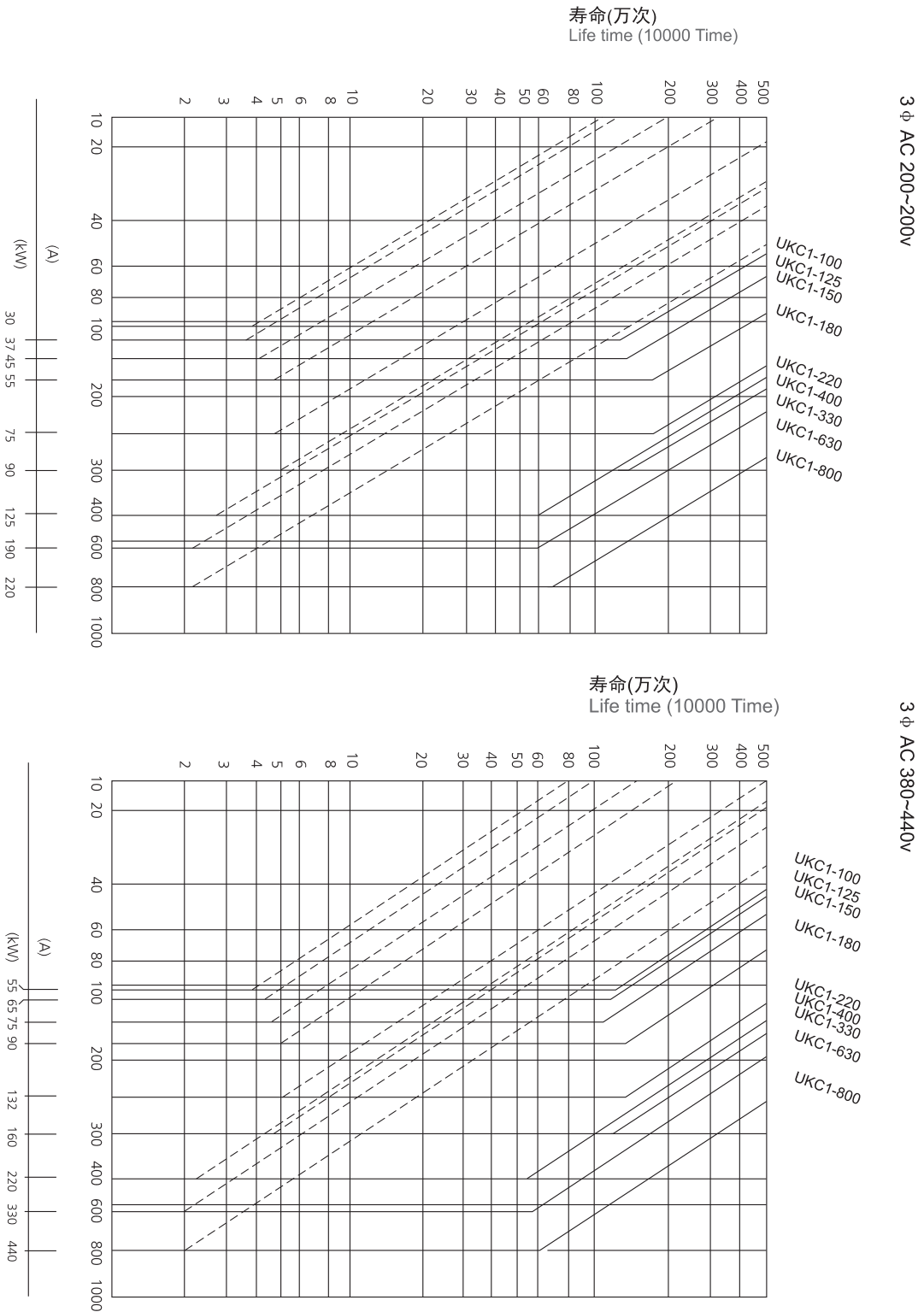


3 ϕ AC 200~240V

3 ϕ AC 380~440V

———— AC3 duty(standard)
----- AC4 duty(inching, reverse phase breaking duty)

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



技术参数

Technical specifications

额定容量 Rated ultimate

型号 Model		额定 Rated																AC1类 负载 AC1 load (Ith)
接触器 Magnetic contactors	电机启动器 Magnetic switches	AC3类负载 AC3 load						AC2类负载 AC2 load						AC4类负载 AC4 load				
		200~220V		380-440V		500-550V		200~220V		380-440V		500-550V		200~220V		380-440V		
		KW	A	KW	A	KW	A	KW	A	KW	A	KW	A	KW	A	KW	A	
UKC1-9	UKC1-9+UKH-22	2.5	11	4	9	4	7	2.5	11	4	9	4	7	1.5	8	2.2	6	25
UKC1-12	UKC1-12+UKH-22	3.5	13	5.5	12	7.5	12	3.5	13	5.5	12	7.5	12	2.2	11	4	9	25
UKC1-18	UKC1-18+UKH-22	4.5	18	7.5	18	7.5	13	4.5	18	7.5	18	7.5	13	3.7	18	4	9	40
UKC1-22	UKC1-22+UKH-22	5.5	22	11	22	15	22	5.5	22	11	22	15	22	3.7	18	5.5	13	40
UKC1-32	UKC1-32+UKH-40	7.5	32	15	32	18.5	28	7.5	32	15	32	18.5	28	4.5	20	7.5	17	50
UKC1-40	UKC1-40+UKH-40	11	40	18.5	40	22	32	11	40	18.5	40	22	32	5.5	25	11	24	60
UKC1-50	UKC1-50+UKH-85	15	55	22	50	30	43	15	55	22	50	30	43	7.5	35	15	32	80
UKC1-65	UKC1-65+UKH-85	18.5	65	30	65	33	60	18.5	65	30	65	33	60	11	50	22	47	100
UKC1-75	UKC1-75+UKH-85	22	75	37	75	37	64	22	75	37	75	37	64	13	55	25	52	110
UKC1-85	UKC1-85+UKH-85	25	85	45	85	45	75	25	85	45	85	45	75	15	65	30	62	135
UKC1-100	UKC1-100+UKH-100	30	105	55	105	55	85	30	105	55	105	55	85	19	80	37	75	160
UKC1-125	UKC1-125+UKH-100	37	125	60	120	60	90	37	125	60	120	60	90	22	93	45	90	160
UKC1-150	UKC1-150+UKH-150	45	150	75	150	90	140	45	150	75	150	90	140	30	125	55	110	200
UKC1-180	UKC1-180+UKH-220	55	180	90	180	110	180	55	180	90	180	110	180	37	150	75	150	230
UKC1-220	UKC1-220+UKH-220	75	250	132	250	132	200	75	250	132	250	132	200	45	180	90	180	260
UKC1-330	UKC1-330+UKH-630	100	330	200	330	200	310	100	330	200	330	200	310	60	240	120	240	400
UKC1-400	UKC1-440+UKH-630	110	400	250	400	257	400	110	400	250	400	257	400	75	300	150	300	500
UKC1-500	UKC1-500+UKH-630	147	500	295	500	355	450	147	500	295	500	355	450	90	330	160	330	700
UKC1-630	UKC1-630+UKH-630	200	630	400	630	400	600	200	630	400	630	400	600	115	420	210	420	1000

辅助触点额定容量 Rated ultimate of auxiliary contacts

型号 Model	额定电流 Rated current(A)								AC1 (Ith) A
	AC15		DC13		AC12		DC12		
	120V	240V	480V	600V	125V	250V	440V	600V	
UKC(D)1-6M~16M	4	2	1.0	0.8	2	1.0	0.4	0.2	16
UKC(D)1-9~22	6	3	1.5	1.2	3	1.5	0.55	0.27	16
UKC(D)1-32~85	6	3	1.5	1.2	3	1.5	0.55	0.27	16
UKC1-100~800	6	5	3	3	6	3	1.2	0.2	16

技术参数

Technical specifications

辅助触点数 No. of contact

型号 Model	标准 Standard	选择 Option
UKC(D)1-6M~16M	1 NO	1NO 1NC, 2NO 2NC
UKC(D)1-9~22	1 NO 1NC	4NO, 3NO 1NC, 2NO 2NC, 1NO 3NC
UKC(D)1-32~85	2 NO 2NC	4NO, 3NO 1NC, 2NO 2NC, 1NO 3NC
UKC1-100~220	2 NO 2NC	2NO 2NC
UKC1-330~800	-	4NO, 3NO 1NC, 2NO 2NC, 1NO 3NC

操作线圈额定值 Ratings of the operational coil

6~85A

型号 Type	交流线圈 AC coil		直流线圈 DC coil
	AC 50Hz	AC 60Hz	DC
UKC(D)1 6(/4)~85(/4)	24V	24V	12V
	42V	48V	24V
	48V	110V	48V
	100V	120V	100V
	110V	208V	110V
	220V	220V	125V
	240V	240V	200V
	380V	277V	220V
	400V	380V	250V
	415V	440V	-
	440V	480V	-
	500V	600V	-
	550V	-	-

100~800A

型号 Type	电压等级 Voltage grade	交直流线圈 AC/DC coil	
		AC 50Hz/60Hz	DC
UKC1-100(/4) 220(/4)	24V*	24V~25V	24V
	48V*	48V~50V	48V
	100~200V	100~240V	100~220V
	300V	265~247V	-
	400V	380~450V	-
	500V	440~575V	-
UKC1-330<4> -800<4>	100V	100~127V	100~110V
	200V	200~240V	200~220V
	300V	265~347V	-
	400V	380~450V	-
	500V	440~575V	-

线圈范围 Selections of coil

在UKC1-6~85接触器50Hz和60Hz要区分，UKC1-100~800接触器可选择单交流或交、直流通用线圈(直流低于220V)。

In UKC1-6~85 contactors, 50Hz coil and 60Hz coil are separated. But in UKC1-100~800 contactors, the coils are AC/DC common use, (under DC 220V).

线圈电压范围 Ranges of the coil voltage

环境温度在40℃线圈电压和频率为额定值时，线圈处于饱和状态。此时线圈上的电压为额定值的85~110%。

When it is saturated after apply the rated voltage and rated frequency at 40℃, the coil operate at 85~110% of the rated voltage.

当线圈在可允许范围以外运行时，其绝缘性能和机械性能可能会受害。

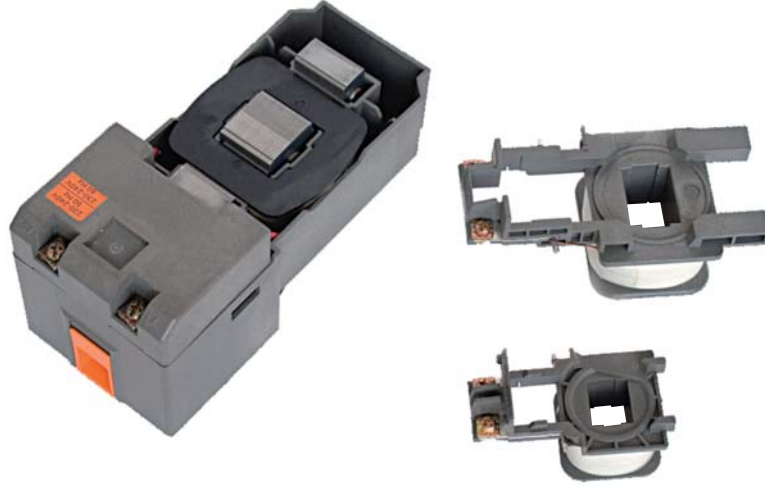
When the coil is operated below or over the variable ranges it is apt to be deteriorated in electrical insulation and mechanical operation.

交流操作线圈特点 Characteristics of the AC coil

AC 220V 50Hz

型号 Type	线圈损耗 Coil consumption[VA]		热损 Heat dissipation [W]	动作电压 Operational voltage[V]		线圈电流 Coil current[mA]	操作时间 Operational time(ms)	
	启动时 Inrush	吸合时 Sealed		吸合电压 Pick-up voltage	释放电压 Droup-out voltage		闭 Closing	开 Opening
UKC1-9(/4)~22(/4)	95	9	2	142~157(141~156)*	112~132(105~125)*	36(41)	10~17	6~9
UKC1-32(/4),40(/4)	95	9	2	151~166(150~165)*	117~137(110~130)*	36(41)	11~19	6~10
UKC1-50(/4)~85(/4)	220	17	5	146~161(145~160)*	107~127(100~120)*	68(77)	16~25	8~15
UKC1-100,125	298	12.3	4.4	77	48	56	30~34	63~67
UKC1-150	298	12.3	4.4	77	48	56	37~41	47~52
UKC1-180,200	380	11.6	4.7	77	48	53	45	45
UKC1-100(/4)~220(/4)	380	11.6	4.7	77	48	53	45	45

注) 1. 以上是平均值 2. (*)内为50Hz时的数值 Note) 1. The aboves are average values. 2. (*)are the values for 50Hz)



AC 110V, 50Hz

型号 Type	线圈损耗 Coil consumption[VA]		热损 Heat dissipation [W]	动作电压 Operational voltage[V]		线圈电流 Coil current[mA]	操作时间 Operational time(ms)	
	启动时 Inrush	吸合时 Sealed		吸合电压 Pick-up voltage	释放电压 Droup-out voltage		闭 Closing	开 Opening
UKC1-9(/4)~22(/4)	95	8	2	74~84(75~85)	54~64(55~65)*	73(73)*	11~18	6~9
UKC1-32(/4)~40(/4)	95	8	2	75~84(75~85)	54~64(55~65)*	73(73)*	13~20	6~9
UKC1-50(/4)~85(/4)	220	17	5.5	67~77(68~78)	39~49(40~50)*	154(154)*	16~25	9~16
UKC1-100,125	162	9.8	3.1	77	48	89	46~50	49~53
UKC1-150	162	12.2	3	77	48	111	56~60	44~48
UKC1-180,200	220	9.1	3.4	77	48	83	60	41
UKC1-100(/4),220(/4)	220	9.1	3.4	77	48	83	60	41

注) 1.以上是平均值 2.()*内为50Hz时的数值 Note) 1.The aboves are average values. 2.()*are the values for 50Hz

直流操作线圈特性 Characteristics of the DC coil

直流电110伏基准 DC 110V dasis

型号 Type	线圈损耗(VA) Coil consumption		热损 Heat dissipation [W]	操作电压(V) Operational voltage		线圈电流(mA) Coil current	动作时间(ms) Operational time	
	启动时 Inrush	吸合时 Sealed		吸合电压 Pick-up voltage	释放电压 Droup-out voltage		闭 Closing	开 Opening
UKD1-9(/4)~22(/4)	9	9	50	60~75	15~35	82	45~55	8~15
UKD1-32(/4),40(/4)	9	9	50	60~75	15~35	82	45~55	8~15
UKD1-50(/4)~85(/4)	220	5	-	65~80	15~35	46	20~30	13~20

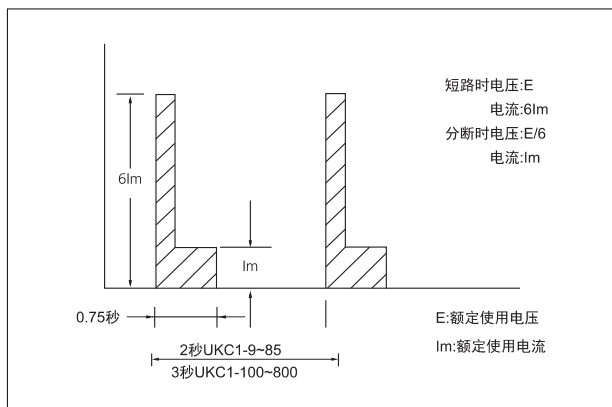
注:1.以上是平均值。Note:1. The aboves are average values

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				

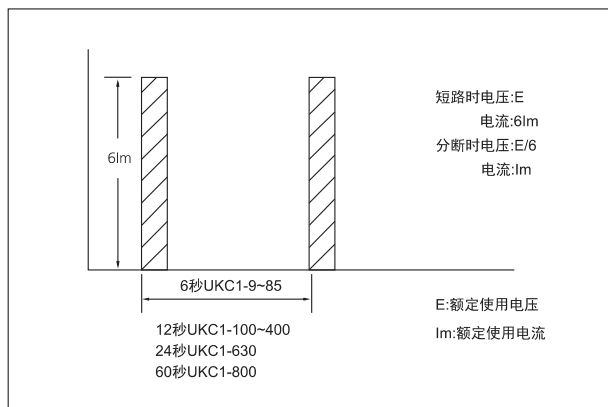
电气寿命的测试周期(AC3类)

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

电缆及螺丝选择 Selection and screw of cable

3极接触器 Three poles contactor

型号 Model	电缆选择 Selection of cable			螺丝尺寸 Screw size		扭矩 Tightening torque(Nm)	
	AWG/MCM	截面积 Sectionl area(mm ²)		接触器端子 Contactor terminal	线圈端子 Coil terminal	主回路 Major circuit	辅助触头 Aux.contacts
		最小 Min	最大Max				
UKC1-9	10AWG	1.5	4	M4	M3.5	2.3	2.3
UKC1-12	10AWG	1.5	4	M4	M3.5	2.3	2.3
UKC1-18	8AWG	1.5	6	M4	M3.5	4	2.3
UKC1-22	8AWG	2.5	10	M4	M3.5	4	2.3
UKC1-32	6AWG	4	16	M5	M3.5	4	2.3
UKC1-40	6AWG	4	16	M5	M3.5	4	2.3
UKC1-50	4AWG	6	25	M6	M3.5	5	2.3
UKC1-65	2AWG	10	35	M8	M3.5	5	2.3
UKC1-75	2AWG	10	35	M8	M3.5	5	2.3
UKC1-85	0AWG	10	50	M8	M4	5	2.3
UKC1-100	00AWG	25	70	M8	M4	9	2.3
UKC1-125	00AWG	25	70	M8	M4	9	2.3
UKC1-150	0000AWG	35	95	M8	M4	9	2.3
UKC1-180	250AWG	50	120	M10	M4	15	2.3
UKC1-220	300AWG	70	150	M10	M4	15	2.3
UKC1-330	500AWG	90	240	M12	M4	23	2.3
UKC1-400	N ^o 2 30 × 5	150		M16	M4	23	2.3
UKC1-500	N ^o 2 40 × 5	200		M16	M4	45	2.3
UKC1-630	N ^o 2 50 × 5	240		M16	M4	57	2.3
UKC1-800	N ^o 2 60 × 5	240		M16	M4	57	2.3

4极接触器 Four poles contactor

型号 Model	电缆选择 Selection of cable		螺丝尺寸 Screw size		扭矩 Tightening torque(Nm)	
	AWG/MCM	截面积(mm ²) Sectionl area	接触器端子 Contactor terminal	线圈端子 Coil terminal	主回路 Major circuit	辅助触头 Aux.contacts
UKC1-9/4	10AWG	4	M4	M3.5	2.3	2.3
UKC1-12/4	10AWG	4	M4	M3.5	2.3	2.3
UKC1-18/4	8AWG	6	M4	M3.5	4	2.3
UKC1-22/4	8AWG	10	M4	M3.5	4	2.3
UKC1-32/4	6AWG	16	M5	M3.5	4	2.3
UKC1-40/4	6AWG	16	M5	M3.5	4	2.3
UKC1-50/4	4AWG	25	M6	M3.5	5	2.3
UKC1-65/4	2AWG	35	M8	M3.5	5	2.3
UKC1-75/4	2AWG	35	M8	M3.5	5	2.3
UKC1-85/4	0AWG	50	M8	M4	5	2.3
UKC1-100/4	00AWG	70	M8	M4	9	2.3
UKC1-125/4	00AWG	70	M8	M4	9	2.3
UKC1-150/4	0000AWG	95	M8	M4	9	2.3
UKC1-180/4	250AWG	120	M10	M4	15	2.3
UKC1-220/4	300AWG	150	M10	M4	15	2.3
UKC1-330/4	500AWG	240	M12	M4	23	2.3
UKC1-400/4	N ^o 2 30 × 5	150	M16	M4	23	2.3
UKC1-500/4	N ^o 2 40 × 5	200	M16	M4	45	2.3
UKC1-630/4	N ^o 2 50 × 5	240	M16	M4	57	2.3
UKC1-800/4	N ^o 2 60 × 5	240	M16	M4	57	2.3

注: AWG/MCM 为UL认证标准, 仅供参考

Note:AWG/MCM is a UL standard, and only for reference

技术参数

Technical specifications

型号 Model	设置范围 Selection	电缆选择 Selection of cable		扭矩 Tightening torque(Nm)	螺丝尺寸 Screw size
		AWG/MCM	截面积(mm ²) Sectional area		
UKH(K)-12M	0.10~0.16	18AWG	1.5	2.0	M3.5
	0.16~0.25	18AWG	1.5	2.0	M3.5
	0.25~0.4	18AWG	1.5	2.0	M3.5
	0.4~0.63	18AWG	1.5	2.0	M3.5
	0.63~1	18AWG	1.5	2.0	M3.5
	1~1.6	18AWG	1.5	2.0	M3.5
	1.6~2.5	18AWG	1.5	2.0	M3.5
	2.5~4	18AWG	1.5	2.0	M3.5
	4~6	18AWG	1.5	2.0	M3.5
	5~8	16AWG	1.5	2.0	M3.5
	6~9	16AWG	1.5	2.0	M3.5
	7~10	16AWG	1.5	2.0	M3.5
	9~13	14AWG	1.5~2.5	2.0	M3.5
	12~16	14AWG	1.5~2.5	2.0	M3.5
UKH(K)-22	0.10~0.16	18AWG	1.5	2.3	M4
	0.16~0.25	18AWG	1.5	2.3	M4
	0.25~0.4	18AWG	1.5	2.3	M4
	0.4~0.63	18AWG	1.5	2.3	M4
	0.63~1	18AWG	1.5	2.3	M4
	1~1.6	18AWG	1.5	2.3	M4
	1.6~2.5	18AWG	1.5	2.3	M4
	2.5~4	18AWG	1.5	2.3	M4
	4~6	18AWG	1.5	2.3	M4
	5~8	16AWG	1.5	2.3	M4
	6~9	16AWG	1.5	2.3	M4
	7~10	16AWG	1.5	2.3	M4
	9~13	14AWG	1.5~2.5	2.3	M4
	12~18	12AWG	2.5	2.3	M4
16~22	10AWG	2.5~4.0	2.3	M4	
UKH(K)-40	4~6	18AWG	1.5	4	M5
	5~8	16AWG	1.5	4	M5
	6~9	16AWG	1.5	4	M5
	7~10	16AWG	1.5	4	M5
	9~13	14AWG	1.5~2.5	4	M5
	12~18	12AWG	2.5	4	M5
	16~22	10AWG	2.5~4.0	4	M5
	18~26	10AWG	2.5~6.0	4	M5
	24~36	10AWG	4.0~10	4	M5
	28~40	10AWG	6.0~10	4	M5

技术参数

Technical specifications

型号 Model	设置范围 Selection	电缆选择 Selection of cable		扭矩 Tightening torque(Nm)	螺丝尺寸 Screw size
		AWG/MCM	截面积(mm ²) Sectional area		
UKH(K)-85	7~10	16AWG	1.5	5.1	M6
	9~13	14AWG	1.5~2.5	5.1	M6
	12~18	12AWG	2.5	5.1	M6
	16~22	10AWG	2.5~4.0	5.1	M6
	18~26	10AWG	2.5~6.6	5.1	M6
	24~36	10AWG	4.0~10	5.1	M6
	28~40	10AWG	6.0~10	5.1	M6
	34~50	6AWG	10~16	5.1	M6
	45~65	4AWG	10~25	5.1	M8
	54~75	4AWG	16~25	5.1	M8
UKH(K)-100	63~85	3AWG	16~35	5.1	M8
	34~50	6AWG	10~16	9	M8
	39~57	6AWG	10~16	9	M8
	43~65	4AWG	10~25	9	M8
	54~80	4AWG	16~25	9	M8
	65~100	2AWG	25~35	9	M8
UKH(K)-150	85~125	1AWG	35~50	9	M8
	39~57	6AWG	10~16	9	M8
	43~65	4AWG	10~25	9	M8
	54~80	4AWG	16~25	9	M8
	65~100	2AWG	25~35	9	M8
	85~125	1AWG	35~50	9	M8
UKH(K)-220	100~150	00AWG	35~70	9	M8
	65~100	2AWG	25~35	15	M10
	85~125	1AWG	35~50	15	M10
	100~160	00AWG	35~70	15	M10
	120~180	000AWG	50~95	15	M10
UKH(K)-630	160~240	250AWG	70~120	15	M10
	200~330	400AWG	95~185	23	M12
	300~500	N°2 40 × 5	150~185	57	M16
	380~630	N°2 40 × 5	150~185	57	M16

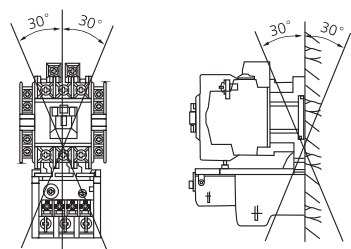
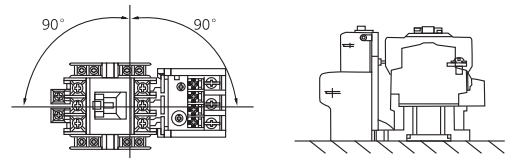
端子尺寸 Terminal size

型号 Model	端子尺寸 Terminal size				型号 Model	端子尺寸 Terminal size			
	主回路 Major loop		辅助回路 Aux.loop			主回路 Major loop		辅助回路 Aux.loop	
	端子螺丝 Terminal screw	端子尺寸 A × B × C(mm)	端子螺丝 Terminal screw	端子尺寸 A × B × C(mm)		端子螺丝 Terminal screw	端子尺寸 A × B × C(mm)	端子螺丝 Terminal screw	端子尺寸 A × B × C(mm)
UKC1-9	M4	9.5×5×4.9	M3.5	8×5×4.9	UKH(K)-22	M4	10×6.5×5	M3.5	7.8×4.3×7.3
UKC1-12	M4	9.5×5×4.9	M3.5	8×5×4.9					
UKC1-18	M4	9.5×5×4.9	M3.5	8×5×4.9					
UKC1-22	M4	9.5×5×4.9	M3.5	8×5×4.9					
UKC1-32	M5	12.4×6.5×6	M3.5	8×5×4.9					
UKC1-40	M5	12.4×6.5×6	M3.5	8×5×4.9	UKH(K)-40	M5	12.4×6.2×6.3	M3.5	7.8×4.3×7.3
UKC1-50	M6	17.5×7×8.7	M3.5	8×5×4.9					
UKC1-65	M8	17.5×7×8.7	M3.5	8×5×4.9	UKH(K)-85	M6	19×8.5×9	M3.5	7.8×4.3×7.3
UKC1-75	M8	17.5×7×8.7	M3.5	8×5×4.9		M8	19×8.5×9	M3.5	7.8×4.3×7.3
UKC1-85	M8	17.5×7×8.7	M3.5	8×5×4.9	UKH(K)-100	M8	15×9.5×9	M4	8.2×4.1×5.2
UKC1-100	M8	15×8.5×9.5	M4	10.8×4.1×4.1					
UKC1-125	M8	15×8.5×9.5	M4	10.8×4.1×4.1					
UKC1-150	M8	20.5×10×9	M4	10.8×4.1×4.1	UKH(K)-150	M8	20×10×10	M4	8.2×4.1×5.2
UKC1-180	M10	25×12.5×15	M4	10.8×4.1×4.1					
UKC1-220	M10	25×12.5×15	M4	10.8×4.1×4.1					

安装和使用环境 Installation and using environment

安装 Mounting

1) 安装位置 Installation position

标准安装
Standard mounting

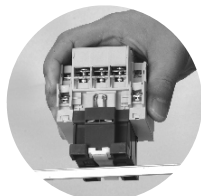
垂直或水平安装
Vertical mounting or
level mounting

* 特殊的安装方式比正常安装要降低寿命及各种特性

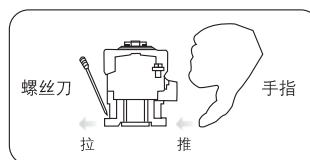
* The service life and performance will be reduced if applying special installation mode rather than normal one.

2) 轨道(UKC1-9~85)

安装 Mounting



拆除 Dismantle



使用环境

1) 周围温度：基准温度20° ...(-25~40° ...)

2) 储存温度：-30° ~65° ...

3) 海拔：2,000m以下

4) 没有结冰的环境

Environment

1) Ambient temperature: Base20° ...(-25~40° ...)

2) Storage temperature: -30° ~65° ...

3) Altitude: 2,000m and below

4) The environment no freezing

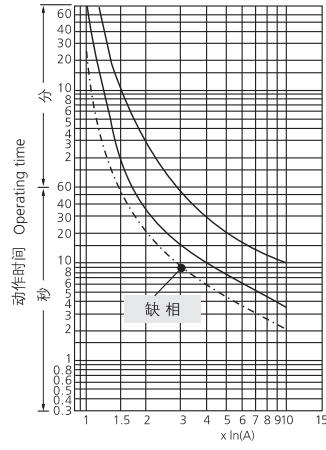
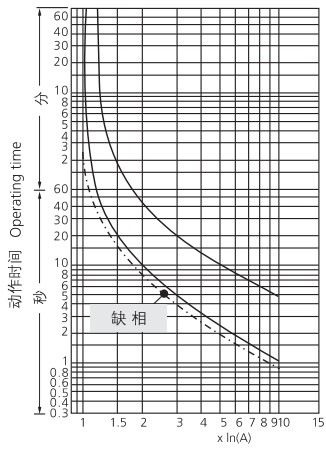
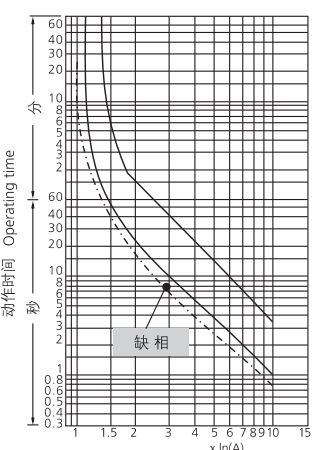
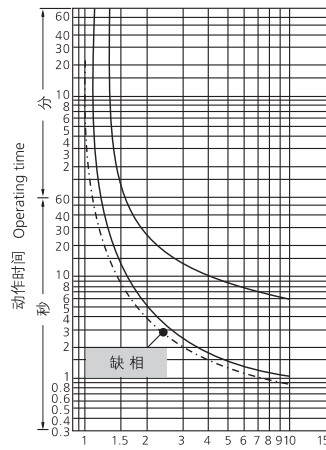
热过载继电器特性曲线图

Thermal overload relays characteristics curve

型号 Model	冷态 Cold	热态 Hot
UKH(K)-22		
UKH(K)-40		
UKH(K)-85		

热过载继电器特性曲线图

Thermal overload relays characteristics curve

型号 Model	冷态 Cold	热态 Hot
UKH(K)-100(150)		
UKH(K)-220		

热过载继电器特性曲线图

Thermal overload relays characteristics curve

型号 Model	脱扣特性 Trip characteristics	型号 Model	脱扣特性 Trip characteristics
UKK-22/L	<p>The graph for UKK-22/L shows operating time on a logarithmic scale from 0.3 to 60 minutes (and seconds) versus current multiplier x ln(A) on a logarithmic scale from 1 to 15. Two curves are shown, representing different trip classes.</p>	UKK-40/L	<p>The graph for UKK-40/L shows operating time on a logarithmic scale from 0.3 to 60 minutes (and seconds) versus current multiplier x ln(A) on a logarithmic scale from 1 to 15. Two curves are shown, representing different trip classes.</p>
UKK-85/L	<p>The graph for UKK-85/L shows operating time on a logarithmic scale from 0.3 to 60 minutes (and seconds) versus current multiplier x ln(A) on a logarithmic scale from 1 to 15. Two curves are shown, representing different trip classes.</p>	UKK-100/L UKK-150/L	<p>The graph for UKK-100/L and UKK-150/L shows operating time on a logarithmic scale from 0.3 to 60 minutes (and seconds) versus current multiplier x ln(A) on a logarithmic scale from 1 to 15. Two curves are shown, representing different trip classes.</p>
UKK-220/L	<p>The graph for UKK-220/L shows operating time on a logarithmic scale from 0.3 to 60 minutes (and seconds) versus current multiplier x ln(A) on a logarithmic scale from 1 to 15. Two curves are shown, representing different trip classes.</p>	UKK-630/L	<p>The graph for UKK-630/L shows operating time on a logarithmic scale from 0.3 to 60 minutes (and seconds) versus current multiplier x ln(A) on a logarithmic scale from 1 to 15. Two curves are shown, representing different trip classes.</p>

安装尺寸及接线图

Mounting dimensions & External

3极接触器 Three pole contactor

型号 Model	外型尺寸 External dimensions (mm)	安装尺寸 Install size
UKC1-6M UKC1-9M UKC1-12M UKC1-16M		
UKC1-9 UKC1-12 UKC1-18 UKC1-22		
UKC1-32 UKC1-40		
UKC1-50 UKC1-65 UKC1-75 UKC1-85		
	UKC1-9~22	UKC1-32~40
触点构成 Contacts form		

安装尺寸及接线图

Mounting dimensions & External

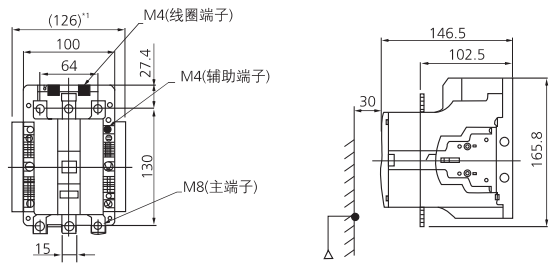
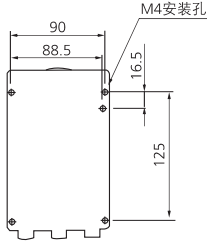
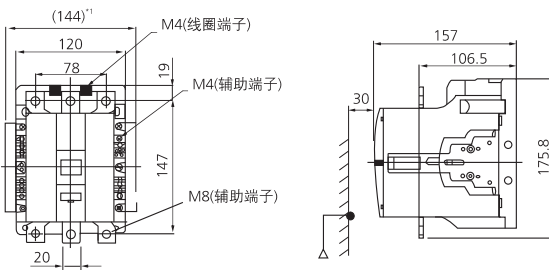
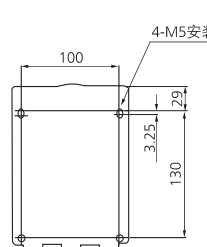
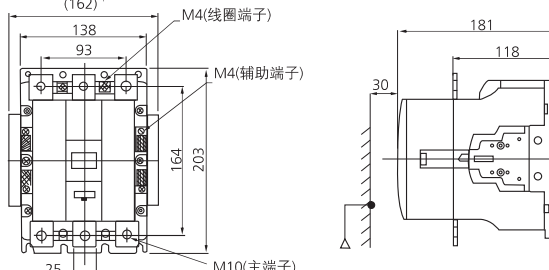
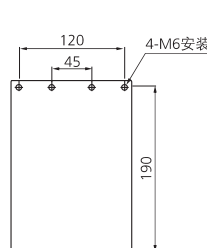
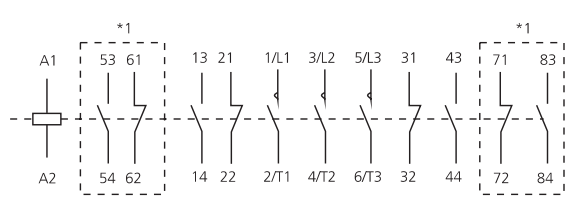
3极接触器 Three pole contactor

型号 Model	外型尺寸 External dimensions (mm)	安装尺寸 Install size
UKD1-6M UKD1-9M UKD1-12M UKD1-16M		<p>0.23kg</p>
UKD1-9 UKD1-12 UKD1-18		<p>UKD1-9,12:0.55kg UKD1-18,22:0.59kg</p>
UKD1-32 UKD1-40		<p>0.67kg</p>
UKD1-50 UKD1-65 UKD1-75 UKD1-85		<p>1.06kg</p>
触点构成 Contacts form	<p>UKD1-9~22</p> <p>注: *1. 辅助触点2a, 2b</p>	<p>UKD1-32~85</p> <p>UKD1-50~85</p>

安装尺寸及接线图

Mounting dimensions & External

3极接触器 Three pole contactor

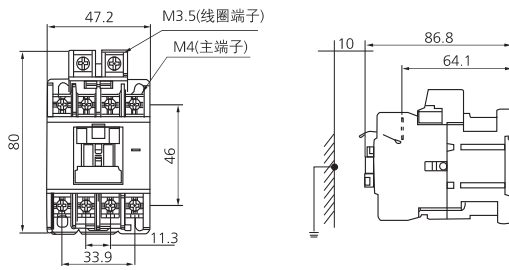
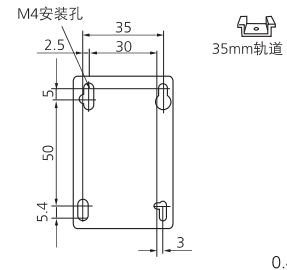
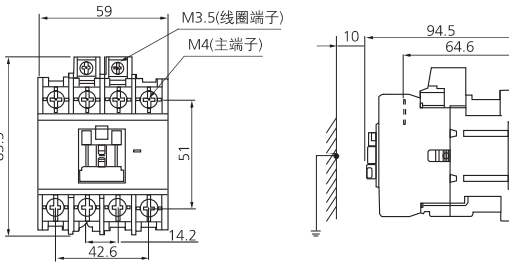
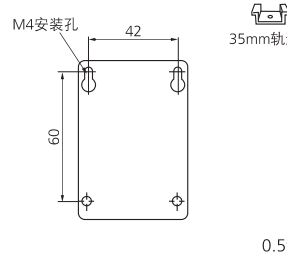
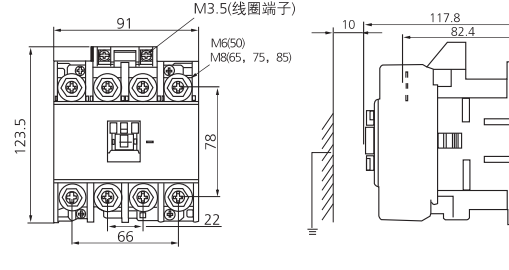
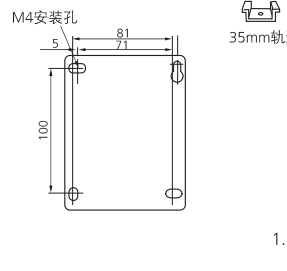
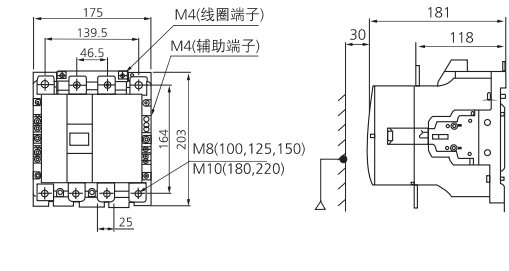
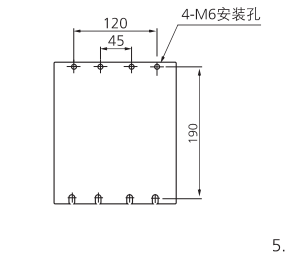
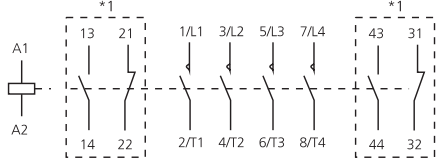
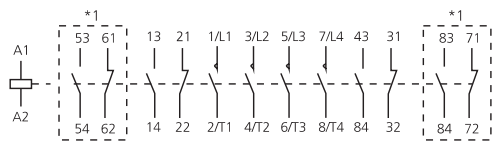
型号 Model	外型尺寸 External dimensions (mm)	安装尺寸 Install size
UKC1-100 UKC1-125	 <p>Dimensions: (126)¹, 100, 64, 27.4, 130, 15, 146.5, 102.5, 165.8, 30.</p> <p>Labels: M4(线圈端子), M4(辅助端子), M8(主端子).</p>	 <p>Dimensions: 90, 88.5, 16.5, 12.5.</p> <p>Label: M4安装孔.</p> <p>Weight: 2.9kg</p>
UKC1-150	 <p>Dimensions: (144)¹, 120, 78, 19, 147, 20, 157, 106.5, 175.8, 30.</p> <p>Labels: M4(线圈端子), M4(辅助端子), M8(辅助端子).</p>	 <p>Dimensions: 100, 3.25, 130, 2.9.</p> <p>Label: 4-M5安装孔.</p> <p>Weight: 3.4kg</p>
UKC1-180 UKC1-220	 <p>Dimensions: (162)¹, 138, 93, 164, 203, 25, 181, 118, 30.</p> <p>Labels: M4(线圈端子), M4(辅助端子), M10(主端子).</p>	 <p>Dimensions: 120, 45, 190.</p> <p>Label: 4-M6安装孔.</p> <p>Weight: 5.4kg</p>
触点构成 Contacts form	<p style="text-align: center;">UKC1-100~220</p>  <p style="text-align: center;">注: *1. 辅助触点2a, 2b</p>	

安装尺寸及接线图

Mounting dimensions & External

4极接触器 Four pole contactor

UKC1-9/4~85/4

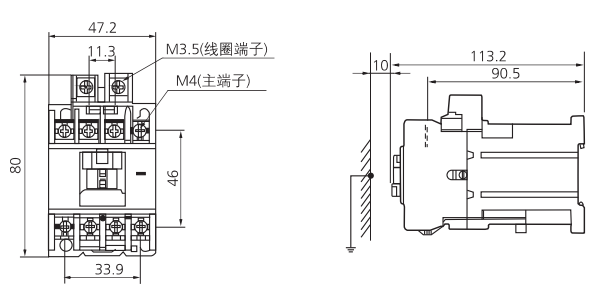
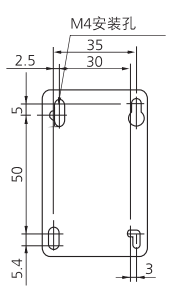
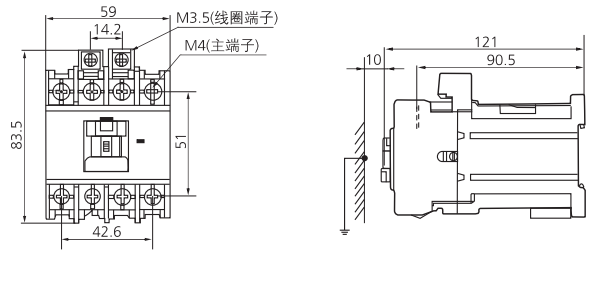
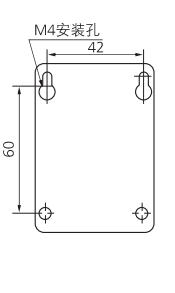
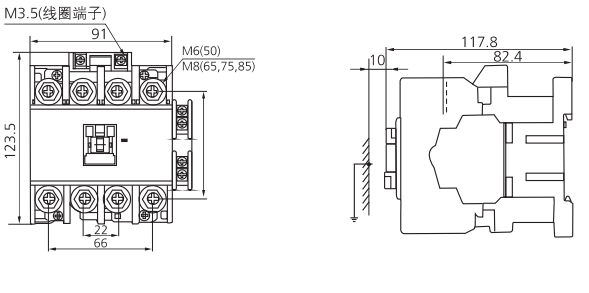
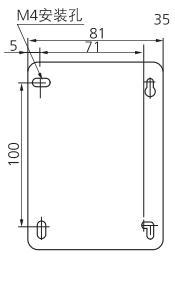
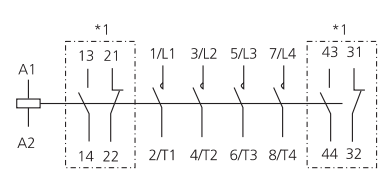
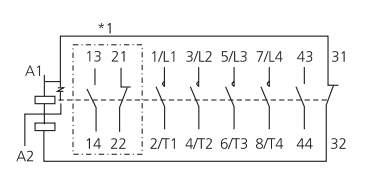
型号 Model	外型尺寸 External dimensions (mm)	安装尺寸 Install size
UKC1-9/4 UKC1-12/4 UKC1-18/4 UKC1-22/4		
UKC1-32/4 UKC1-40/4		
UKC1-50/4 UKC1-65/4 UKC1-75/4 UKC1-85/4		
UKC1-100/4 UKC1-125/4 UKC1-150/4 UKC1-180/4 UKC1-220/4		
	UKC1-9/4~85/4	UKC1-100/4~220/4
触点构成 Contacts form		
	注: *1. 辅助触点2a, 2b note)*1. Assistant contacts 2a2b	注: *1. 辅助触点4a, 4b note)*1. Assistant contacts 4a4b

安装尺寸及接线图

Mounting dimensions & External

4极接触器 Four pole contactor

UKD1-9/4~85/4

型号 Model	外型尺寸 External dimensions (mm)	安装尺寸 Install size
UKD1-9/4 UKD1-12/4 UKD1-18/4 UKD1-22/4		 <p style="text-align: right;">0.5kg</p>
UKD1-32/4 UKD1-40/4		 <p style="text-align: right;">0.7kg</p>
UKD1-50/4 UKD1-65/4 UKD1-75/4 UKD1-85/4		 <p style="text-align: right;">1.29kg</p>
触点构成 Contacts form	<p style="text-align: center;">UKC1-9/4~40/4</p>  <p style="text-align: center;">注: *1. 辅助触点2a, 2b note)*1. Assistant contacts 2a2b</p>	<p style="text-align: center;">UKC1-50/4~85/4</p>  <p style="text-align: center;">注: *1. 辅助触点2a, 2b note)*1. Assistant contacts 2a2b</p>

安装尺寸及接线图

Mounting dimensions & External

2、3、4极接触器 Two, Three or four pole contactor

外型尺寸 External dimensions (mm)															安装尺寸 Install size						
型号 Model	a	p	Q	Q1	s	φ	f	b	b1	M	N	C	L	G	H	φ1	G1	Z	Y	X1	
																				500V≤	>500V
UKC1-330/3	213	48	43	74	25	M10	147	206	145	181	158	219	145	96	106/120	6.5	154.5	20.5	38	10	15
UKC1-330/4	261	48	43	74	25	M10	147	206	145	181	158	219	145	96	106/120	6.5	202.5	20.5	38	10	15

外型尺寸 External dimensions (mm)															安装尺寸 Install size					
型号 Model	a	p	Q	Q1	s	φ	f	b	b1	M	N	C	L	G	G1	φ1	H	Y	X1	
																			500V≤	>500V
UKC1-400/2	213	48	69	96	25	M10	151	206	209	181	158	219	145	80(66-102)	170(156-192)	8.5	180	19.5	15	20
UKC1-400/3	213	48	43	74	25	M10	151	206	209	181	158	219	145	80(66-102)	170(156-192)	8.5	180	19.5	15	20
UKC1-400/4	261	48	43	74	25	M10	151	206	209	181	158	219	145	80(66-150)	170(156-240)	8.5	180	67.5	15	20
UKC1-500/2	233	55	76	102	30	M10	169	238	209	208	172	232	146	80(66-120)	170(156-210)	8.5	180	39.5	15	20
UKC1-500/3	233	55	46	77	30	M10	169	238	209	208	172	232	146	80(66-120)	170(156-210)	8.5	180	39.5	15	20
UKC1-500/4	288	55	46	77	30	M10	169	238	209	208	172	232	146	140(66-175)	230(156-265)	8.5	180	34.5	15	20

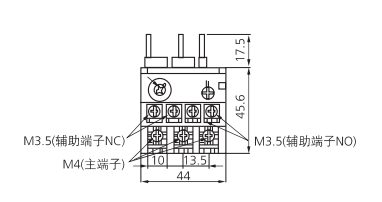
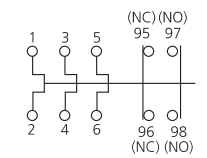
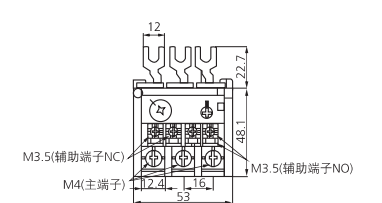
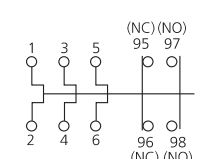
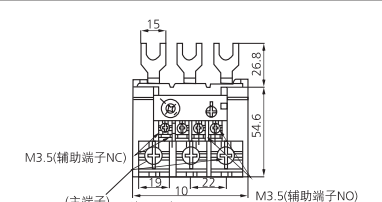
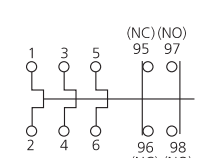
外型尺寸 External dimensions (mm)															安装尺寸 Install size					
型号 Model	a	p	Q	Q1	s	φ	f	b	b1	M	N	C	L	G	H	φ1	Z	Y	X1	
																			500V≤	>500V
UKC1-630/2	309	80	102	127	40	M12	201	304	280	264	202	255	155	180(100-195)	180	10.5	60.5	68.5	20	30
UKC1-630/3	309	80	60	89	40	M12	201	304	280	264	202	255	155	180(100-195)	180	10.5	60.5	68.5	20	30
UKC1-630/4	389	80	60	89	40	M12	201	304	280	264	202	255	155	240(150-275)	180	10.5	60.5	68.5	20	30
UKC1-800/3	309	80	60	89	40	M12	201	304	280	264	202	255	155	180(100-195)	180	10.5	60.5	68.5	20	30
UKC1-800/4	389	80	60	89	40	M12	201	304	280	264	202	255	155	240(150-275)	180	10.5	60.5	68.5	20	30

安装尺寸及接线图

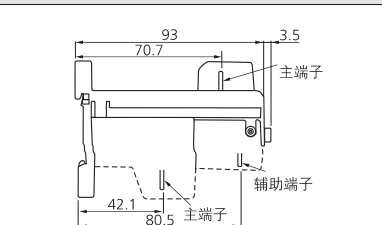
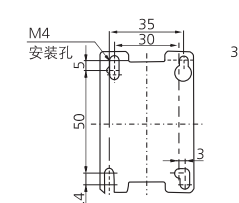
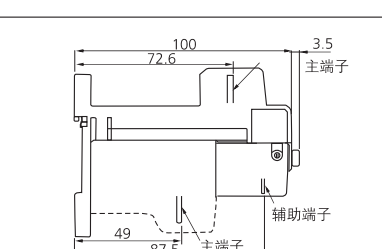
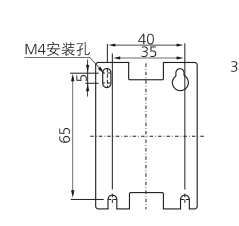
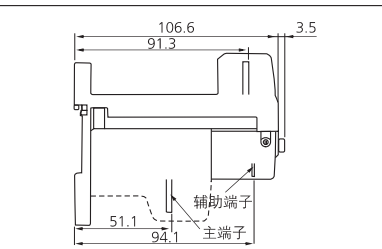
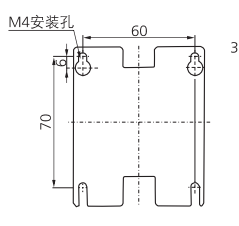
Mounting dimensions & External

热过载继电器 Thermal overload relay

UKH(K)-22~85

型号 Model	外型尺寸 External dimensions (mm)	触点构成 Contacts form
UKH(K)-22		 <p>0.11kg</p>
UKH(K)-40		 <p>0.17kg</p>
UKH(K)-85		 <p>0.3kg</p>

导轨连接热过载继电器 Thermal overload relay

型号 Model	外型尺寸 External dimensions (mm)	触点构成 Contacts form
AZ-22H		 <p>44kg</p>
AZ-40H		 <p>72kg</p>
AZ-85H		 <p>144g</p>

安装尺寸及接线图

Mounting dimensions & External

热过载继电器 Thermal overload relay

UKH(K)-100~630

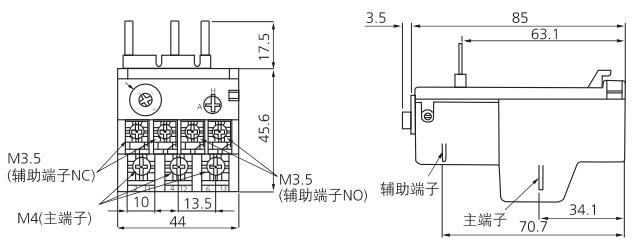
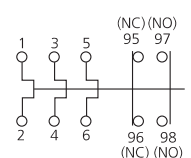
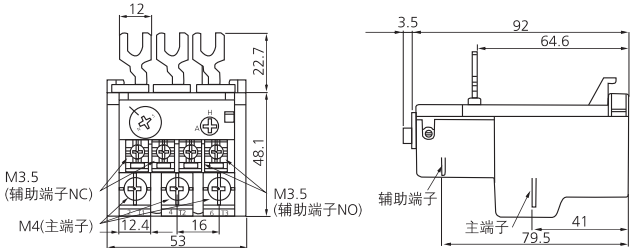
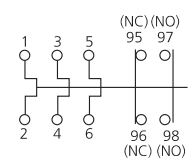
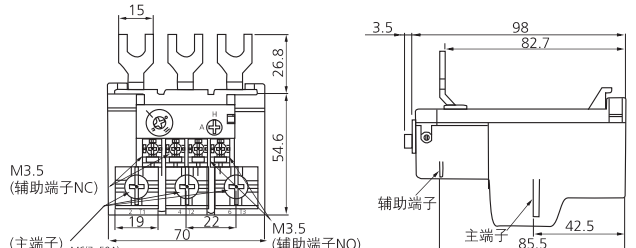
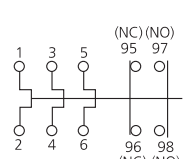
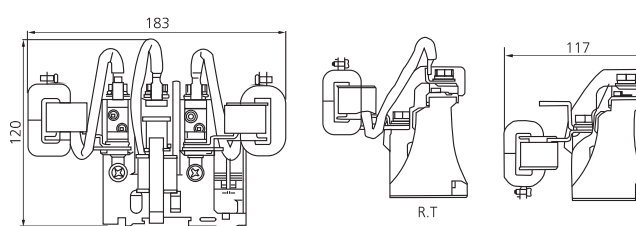
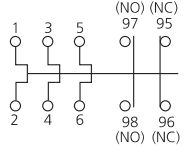
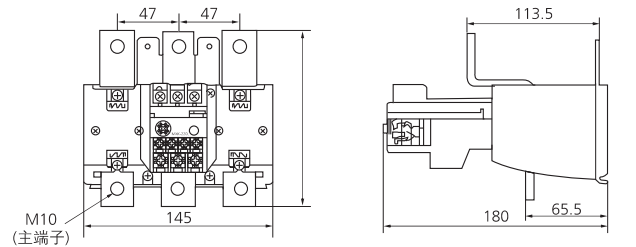
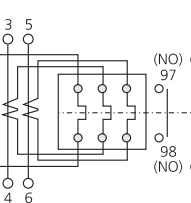
型号 Model	外型尺寸 External dimensions (mm)	触点构成 Contacts form
UKH(K)-100		<p style="text-align: right;">0.48kg</p>
UKH(K)-150		<p style="text-align: right;">0.6kg</p>
UKH(K)-220		<p style="text-align: right;">2.5kg</p>
UKH(K)-630		

安装尺寸及接线图

Mounting dimensions & External

热过载20秒级 Thermal overload 20 second level

UKK1-22/L~220L

型号 Model	外型尺寸 External dimensions (mm)	触点构成 Contacts form
UKK-22L		 <p style="text-align: right;">0.11kg</p>
UKK-40L		 <p style="text-align: right;">0.17kg</p>
UKK-85L		 <p style="text-align: right;">0.3kg</p>
UKK-100/L~150L		
UKK-220L		

安装尺寸及接线图

Mounting dimensions & External

3极可逆型接触器 Three pole may athwart type contactor

型号 Model	外型尺寸 External dimensions (mm)	安装尺寸 Install size
UKC(D)1-6M(2)+AR-6 UKC(D)1-9M(2)+AR-6 UKC(D)1-12M(2)+AR-6 UKC(D)1-16M(2)+AR-6		
UKC(D)1-9(2)+AR-9 UKC(D)1-12(2)+AR-9 UKC(D)1-18(2)+AR-9 UKC(D)1-22(2)+AR-9		
UKC(D)1-32(2)+AR-9 UKC(D)1-40(2)+AR-9		
UKC(D)1-50(2)+AR-9 UKC(D)1-65(2)+AR-9 UKC(D)1-75(2)+AR-9 UKC(D)1-85(2)+AR-9		
触点构成 Contacts form	UKC(D)1-9~22(2)+AR	UKC(D)1-32~85(2)+AR

注*括号内数值为支流线圈型

安装尺寸及接线图

Mounting dimensions & External

3极可逆型接触器 Three pole may athwart type contactor

UKC1-100R~180R

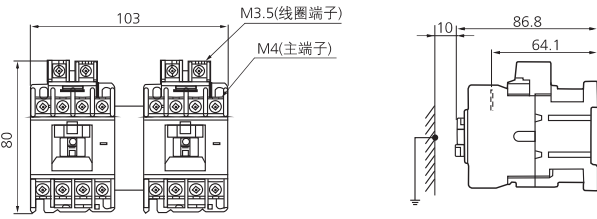
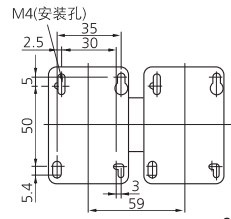
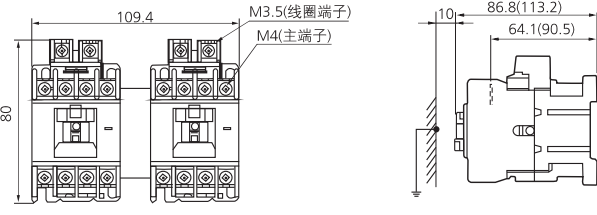
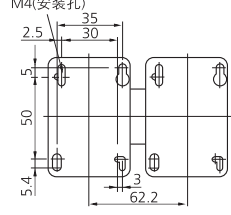
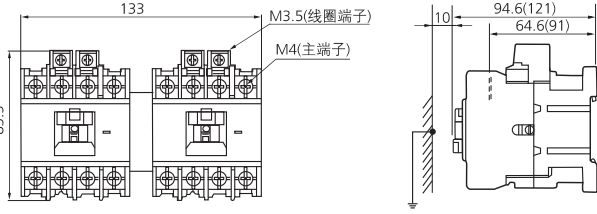
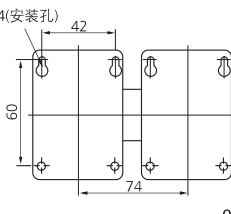
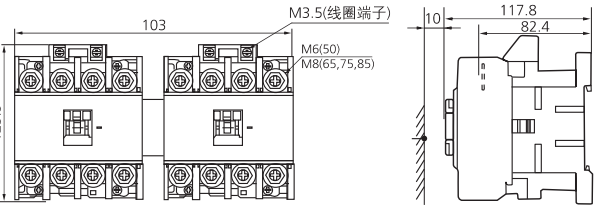
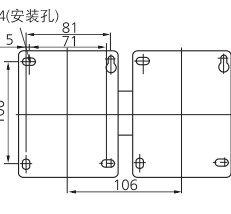
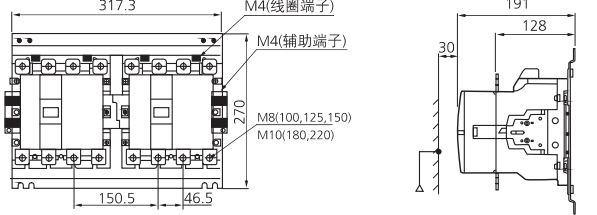
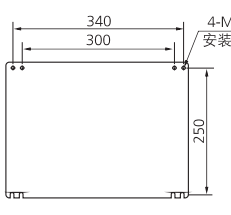
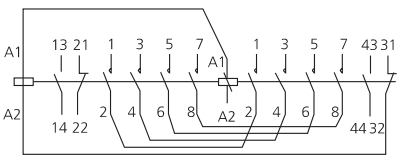
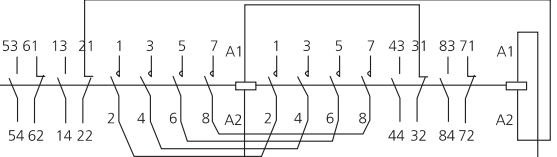
型号 Model	外型尺寸 External dimensions (mm)	安装尺寸 Install size
UKC1-100(2)+AR-100 UKC1-125(2)+AR-100		<p style="text-align: right;">6.7kg</p>
UKC1-150(2)+AR-100		<p style="text-align: right;">8.1kg</p>
UKC1-180(2)+AR-180 UKC1-220(2)+AR-180		<p style="text-align: right;">12.9kg</p>
触点构成 Contacts form	<p style="text-align: center;">UKC1-100~220(2)+AR</p>	

安装尺寸及接线图

Mounting dimensions & External

4极可逆型接触器 Four pole may athwart type contactor

UKC(D)1-9R/4~220R/4

型号 Model	外型尺寸 External dimensions (mm)	安装尺寸 Install size
UKC1-9R/4(2)+AR-9 UKC1-12R/4(2)+AR-9 UKC1-18R/4(2)+AR-9 UKC1-22R/4(2)+AR-9		
UKD1-9R/4(2)+AR-9 UKD1-12R/4(2)+AR-9 UKD1-18R/4(2)+AR-9 UKD1-22R/4(2)+AR-9		
UKC(D)1-32R/4(2)+AR-9 UKC(D)1-40R/4(2)+AR-9		
UKC(D)1-50R/4(2)+AR-9 UKC(D)1-65R/4(2)+AR-9 UKC(D)1-75R/4(2)+AR-9 UKC(D)1-85R/4(2)+AR-9		
UKC1-100R/4(2)+AR-100 UKC1-125R/4(2)+AR-100 UKC1-150R/4(2)+AR-100 UKC1-180R/4(2)+AR-100 UKC1-220R/4(2)+AR-100		
	UKC(D)1-9/4~85/4(2)+AR	UKC(D)1-100/4~220/4(2)+AR
触点构成 Contacts form		

安装尺寸及接线图

Mounting dimensions & External

3极、4极可逆型接触器 Three or four pole may athwart type contactor

mm

外型尺寸 External dimensions (mm)														安装尺寸 Install size					
型号 Model	a	p	p1	Q1	s	φ	f	b	b1	M	C	L	G	J	H	φ1	Y	X1	
																		500V≤	>500V
UKC1-330	445	48	105	74	25	M10	143	206	145	181	219	145	96	122	120~106	6.5	38	10	15
UKC1-330/4	541	48	105	74	25	M10	143	206	145	181	219	145	96	170	120~106	6.5	38	10	15

mm

外型尺寸 External dimensions (mm)														安装尺寸 Install size						
型号 Model	a	p	p1	Q1	s	φ	f	b	b1	M	C	L	G	G1	J	H	φ1	Y	X1	
																			500≤	740<
UKC1-400	445	48	105	74	25	M10	151	206	209	181	219	145	80	170	156	170~180	8.5	19.5	15	20
UKC1-400/4	541	48	105	74	25	M10	151	206	209	181	219	145	80	170	156	170~180	8.5	67.5	15	20
UKC1-500	485	55	111	77	30	M10	169	238	209	208	232	146	80	170	156	170~180	8.5	39.5	15	20
UKC1-500/4	595	55	111	77	30	M10	169	238	209	208	232	146	140	230	156	170~180	8.5	34.5	15	20

mm

外型尺寸 External dimensions (mm)														安装尺寸 Install size					
型号 Model	a	p	p1	Q1	s	φ	f	b	b1	M	C	L	G	J	H	φ1	Y	X1	
																		500≤	740<
UKC1-630	636	80	138	89	40	M12	201	304	280	264	255	155	180(100-195)	139	180-190	10.5	68.5	20	30
UKC1-630/4	796	80	138	89	40	M12	201	304	280	264	255	155	240(150-275)	139	180-190	10.5	68.5	20	30
UKC1-800	636	80	138	89	40	M12	201	304	280	264	255	155	180(100-195)	139	180-190	10.5	68.5	20	30

安装尺寸及接线图

Mounting dimensions & External

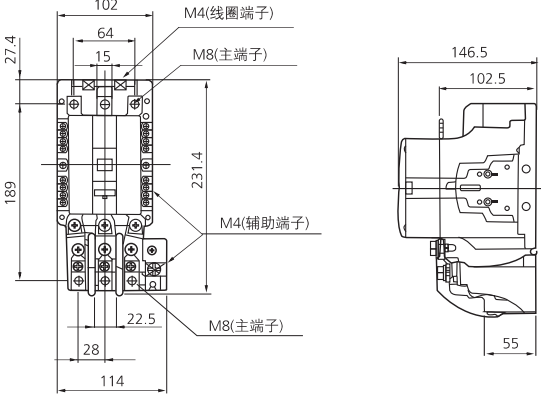
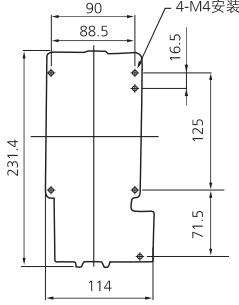
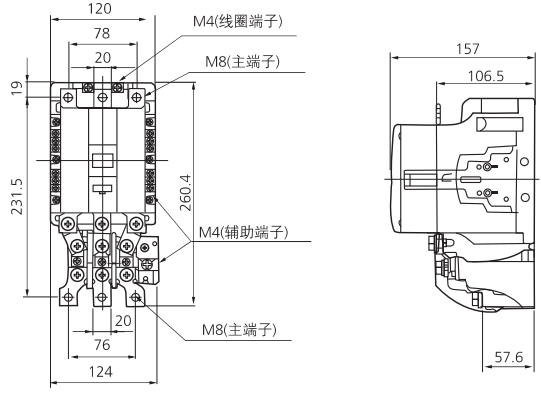
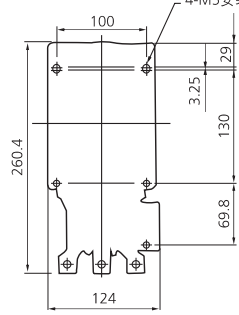
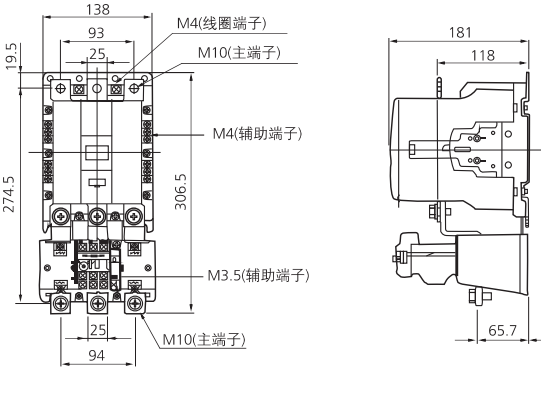
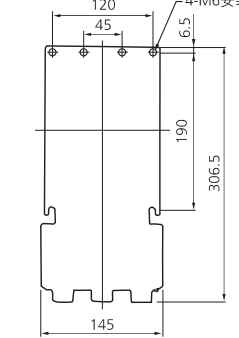
电机启动器 Motor starter

型号 Model	外型尺寸 External dimensions (mm)	安装尺寸 Install size
<p>UKC1-9+UKH-22 UKC1-12+UKH-22 UKC1-18+UKH-22 UKC1-22+UKH-22</p>		<p>UKC1-9,12+UKH(K):0.46kg UKC1-18,22+UKH(K):0.5kg</p>
<p>UKC1-32+UKH-40 UKC1-40+UKH-40</p>		<p>0.65kg</p>
<p>UKC1-50+UKH-85 UKC1-65+UKH-85 UKC1-75+UKH-85 UKC1-85+UKH-85</p>		<p>1.12kg</p>
<p>触点构成 Contacts form</p>	<p>UKC1-9~22+UKH</p> <p>注: *1. 辅助触点2a, 2b</p>	<p>UKC1-32~150+UKH</p> <p>UKC1-180~180+UKH</p>

安装尺寸及接线图

Mounting dimensions & External

电机启动器 Motor starter

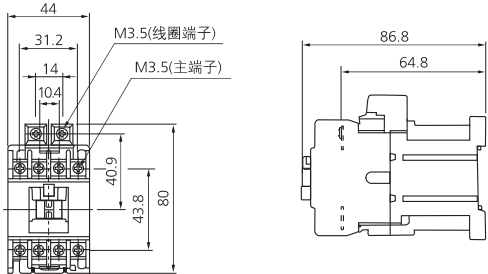
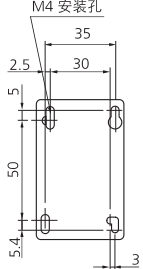
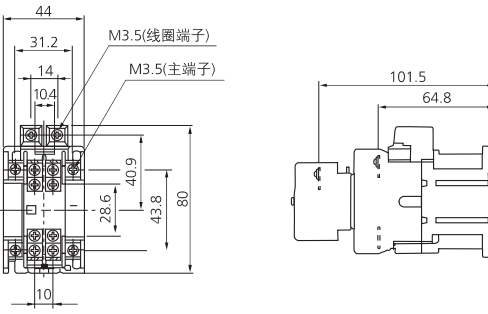
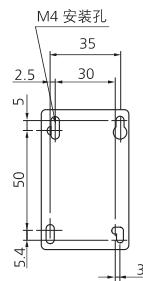
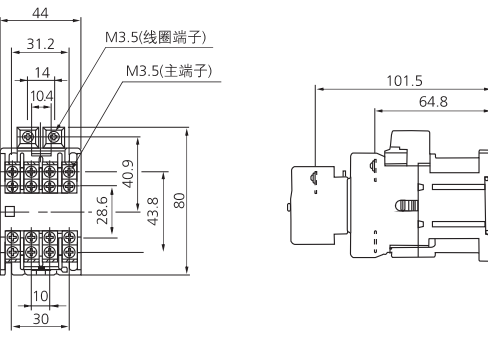
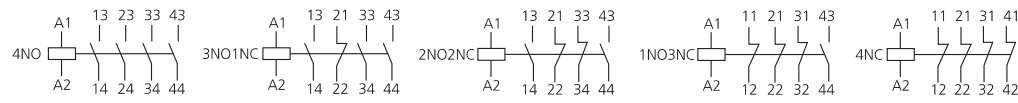
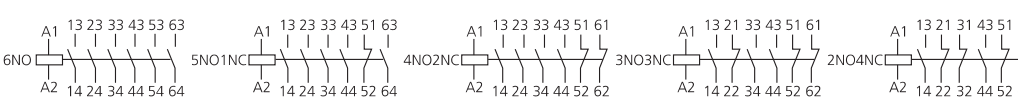
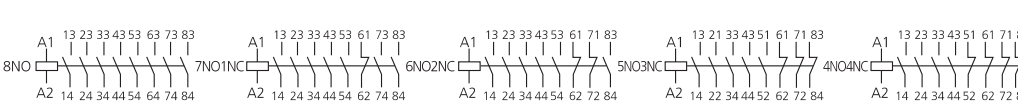
型号 Model	外型尺寸 External dimensions (mm)	安装尺寸 Install size
UKC1-100+UKH-100 UKC1-125+UKH-100	 <p>Technical drawing showing front, side, and terminal views of the motor starter. Dimensions include: 102, 64, 15, 27.4, 189, 231.4, 114, 28, 22.5, 146.5, 102.5, 55, 114, 90, 88.5, 16.5, 125, 71.5. Labels: M4(线圈端子), M8(主端子), M4(辅助端子), M8(主端子).</p>	 <p>Mounting dimension drawing showing 4-M4 mounting holes. Dimensions include: 90, 88.5, 16.5, 125, 71.5, 114.</p>
UKC1-150+UKH-150	 <p>Technical drawing showing front, side, and terminal views of the motor starter. Dimensions include: 120, 78, 20, 19, 231.5, 260.4, 124, 76, 20, 157, 106.5, 57.6. Labels: M4(线圈端子), M8(主端子), M4(辅助端子), M8(主端子).</p>	 <p>Mounting dimension drawing showing 4-M5 mounting holes. Dimensions include: 100, 29, 3.25, 130, 69.8, 124.</p>
UKC1-180+UKH-220 UKC1-220+UKH-220	 <p>Technical drawing showing front, side, and terminal views of the motor starter. Dimensions include: 138, 93, 25, 19.5, 274.5, 306.5, 94, 25, 181, 118, 65.7. Labels: M4(线圈端子), M10(主端子), M4(辅助端子), M3.5(辅助端子), M10(主端子).</p>	 <p>Mounting dimension drawing showing 4-M6 mounting holes. Dimensions include: 120, 45, 6.5, 190, 306.5, 145.</p>

安装尺寸及接线图

Mounting dimensions & External

中间继电器, 交流线圈 Middle relay, AC Coil

UKR-4~8

型号 Model	外型尺寸 External dimensions (mm)	安装尺寸 Install size
UKR-4		 <p>0.33kg</p>
UKR-6		 <p>0.36kg</p>
UKR-8		 <p>0.38kg</p>
触点构成 Contacts form	<p>UKR-4</p>  <p>UKR-6</p>  <p>UKR-8</p> 	

安装尺寸及接线图

Mounting dimensions & External

中间继电器，直流线圈 Middle relay, DC Coil

UKR-4D~8D

型号 Model	外型尺寸 External dimensions (mm)	安装尺寸 Install size
UKR-4D		<p>0.55kg</p>
UKR-6D		<p>0.57kg</p>
UKR-8D		<p>0.59kg</p>
触点构成 Contacts form	UKR-4D	
	UKR-6D	
	UKR-8D	

安装尺寸及接线图

Mounting dimensions & External

机械闭锁型接触器 Mechanical latch type contactor

UKC1-9L~85L

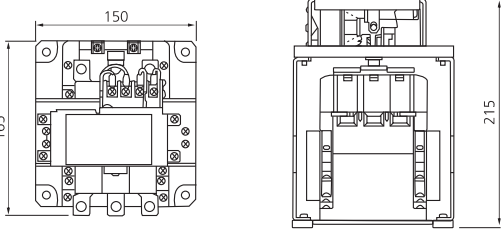
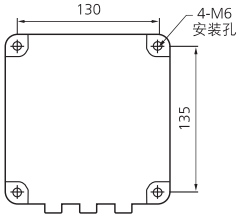
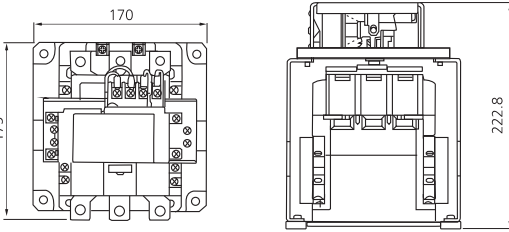
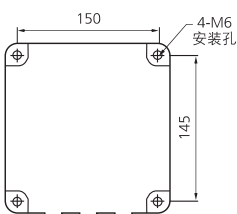
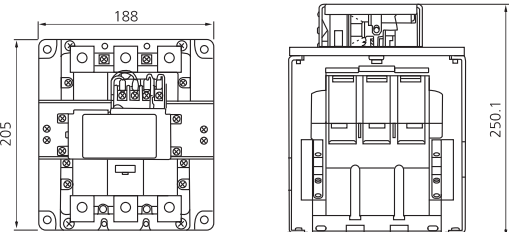
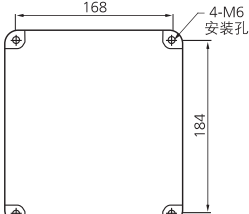
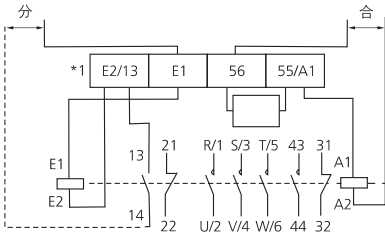
型号 Model	外型尺寸 External dimensions (mm)	安装尺寸 Install size
UKC1-9L UKC1-12L UKC1-18L UKC1-22L		<p>UKC1-9L, 12L:0.47kg UKC1-18L, 22L:0.51kg</p>
UKC1-32L UKC1-40L		<p>0.59kg</p>
UKC1-50L UKC1-65L UKC1-75L UKC1-85L		<p>1.14kg</p>
触点构成 Contacts form	UKC1-9L~22L 	UKC1-32L~85L

安装尺寸及接线图

Mounting dimensions & External

闭锁型接触器 Latch type contactor

UKC1-100L~220L

型号 Model	外型尺寸 External dimensions (mm)	安装尺寸 Install size
<p>UKC1-100L UKC1-125L</p>		 <p>4.5kg</p>
<p>UKC1-150L</p>		 <p>5.1kg</p>
<p>UKC1-180L UKC1-220L</p>		 <p>7.4kg</p>
<p>触点构成 Contacts form</p>	<p style="text-align: center;">UKC1-100L~220L</p>  <p>注) *1. 虚线为客户接线</p>	

安装尺寸及接线图

Mounting dimensions & External

辅助触头 Assistant contacts

AU-2, 4

型号 Model	外型尺寸 External dimensions (mm)	选择类型 Chooses types
AU-2		<p>2NO $\begin{matrix} 53 & 63 \\ \circ & \circ \\ 54 & 64 \end{matrix}$ 1NO1NC $\begin{matrix} 51 & 63 \\ \bullet & \circ \\ 52 & 64 \end{matrix}$ 2NC $\begin{matrix} 51 & 61 \\ \bullet & \bullet \\ 52 & 62 \end{matrix}$</p>
AU-4		<p>4NO $\begin{matrix} 53 & 63 & 73 & 83 \\ \circ & \circ & \circ & \circ \\ 54 & 64 & 74 & 84 \end{matrix}$ 2NO2NC $\begin{matrix} 53 & 61 & 71 & 83 \\ \circ & \bullet & \bullet & \circ \\ 54 & 62 & 72 & 84 \end{matrix}$</p> <p>3NO1NC $\begin{matrix} 53 & 61 & 73 & 83 \\ \circ & \bullet & \circ & \circ \\ 54 & 62 & 74 & 84 \end{matrix}$</p> <p>1NO3NC $\begin{matrix} 51 & 63 & 71 & 81 \\ \bullet & \circ & \bullet & \bullet \\ 52 & 64 & 72 & 82 \end{matrix}$ 4NC $\begin{matrix} 53 & 63 & 73 & 83 \\ \bullet & \bullet & \bullet & \bullet \\ 54 & 64 & 74 & 84 \end{matrix}$</p>

辅助触头(侧装) Assistant contacts (side on install)

型号 Model	外形/安装尺寸 External / Mounting dimensions (mm)	选择类型 Chooses types
AU-1		<p>1NO1NC $\begin{matrix} (43) & (31) \\ 13 \cdot 44 & 21 \cdot 32 \\ \circ & \bullet \\ 14 \cdot 43 & 22 \cdot 31 \\ (44) & (32) \end{matrix}$</p>
AU-100		<p>1NO1NC $\begin{matrix} (43) & (31) \\ 13 \cdot 44 & 21 \cdot 32 \\ \circ & \bullet \\ 14 \cdot 43 & 22 \cdot 31 \\ (44) & (32) \end{matrix}$</p>

延时装置 Delayed Unit

型号 Model	外形/安装尺寸 External / Mounting dimensions (mm)	选择类型 Chooses types
UT-F UT-N		<p>$\begin{matrix} 55 & 67 & 57 & 65 \\ & & & \\ \text{---} & \text{---} & \text{---} & \text{---} \\ & & & \\ 56 & 68 & 58 & 66 \end{matrix}$</p> <p>通电延时 断电延时</p>

安装尺寸及接线图

Mounting dimensions & External

延时断开型接触器 Overtime disconnection type contactor

AD-9~100

<p>AD-9</p>		<p>0.85kg</p>
<p>AD-50 AD-100</p>		<p>0.8kg</p>

控制电路图 Control circuit diagram

AD-9	AD-50~100
	<p>MC: 接触器 SW: 开关 SI, RF: 整流器 C: 电容器 R: 电阻</p>

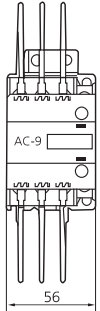
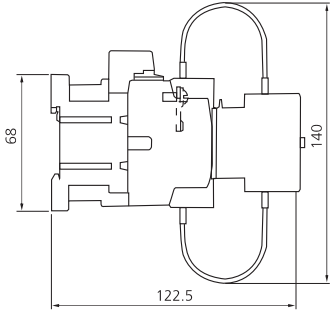
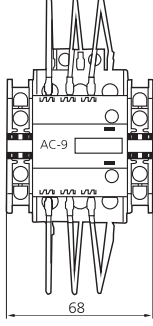
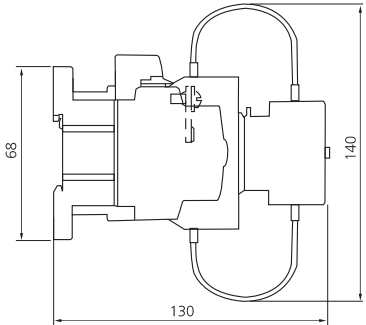
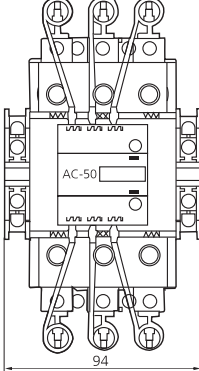
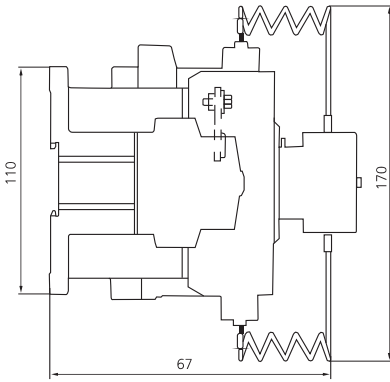
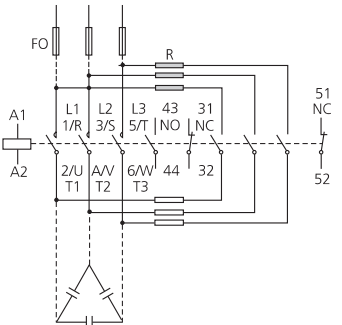
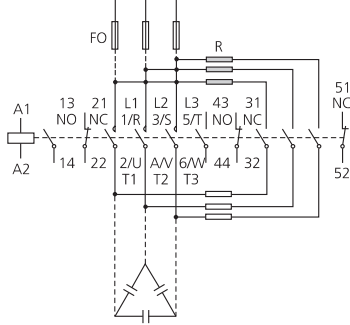
微型继电器 Mini relay

型号 Model	外型尺寸 External dimensions (mm)	触点构成 Contacts torm
<p>UKH(K)-12M</p>		<p>0.1kg</p>

安装尺寸及接线图

Mounting dimensions & External

辅助触头 Assistant contacts

型号 Model	外型尺寸 External dimensions (mm)	
UKC1-9C~22C		
UKC1-32C~40C		
UKC1-50C~85C		
触点构成 Contacts form	UKC1-9C~22C	UKC1-32C~85C
		



型号说明 Type designation

UK	Q	22	MB	AC220V
科瑞普 KRIPAL	封闭型启动器 Enclosed type magnetic motor	额定电流 Rated current (AC 440V基准)	分类型 Application	操作电压 Operation voltage
	Q 特殊防护: IP56 Special Protection:IP56	9 4KW 75 37KW	- 铁壳 Steel case	与接触器一样 Same with the magnetic contactors
	W1 一般防护 General Protection	12 5.5KW 85 45KW	B 铁壳带按钮 Steel case (push button type)	
		18 7.5KW 100 55KW	M 塑料壳 Plastic case	
		22 11KW 125 60KW	MB 塑料壳带按钮 Plastic case(push button type)	
		32 15KW 150 75KW	防护等级 Protection grade: IP56	
		40 18.5KW 180 90KW		
		50 22KW 220 132KW		
		65 30KW		

额定容量 Rated ultimate

型号 Model	额定容量 Rated ultimate(KW)					额定电流 Rated current(A)			AC1类别 AC1 Type
	单相电机 Single-phase motor		三相电机AC3类别 Three-phase motor AC3 Type			三相电机AC3类别 Three-phase motor AC3 Type			
	110V	220V	200V~220V	380V~440V	500V~550V	200V~220V	380V~440V	500V~550V	
UKQ-9MB(UKW1-9MB)	0.4	0.8	2.5	4	4	11	9	7	25
UKQ-12MB(UKW1-12MB)	0.5	1	3.5	5.5	7.5	13	12	12	25
UKQ-18MB(UKW1-18MB)	0.75	1.5	4.5	7.5	7.5	18	18	13	40
UKQ-22MB(UKW1-22MB)	0.9	1.8	5.5	11	15	22	22	22	40
UKQ-32MB	1.2	-	7.5	15	18.5	32	32	28	50
UKQ-40MB	1.7	-	11	18.5	22	40	40	32	60
UKQ-50B	-	-	15	22	30	55	50	43	80
UKQ-65B	-	-	18.5	30	33	65	65	60	100
UKQ-75B	-	-	22	37	37	75	75	64	110
UKQ-85B	-	-	25	45	45	85	85	75	135

外形安装尺寸 External & Mounting dimensions

型号 Model	外形尺寸 External / mounting dimension
UKW1-9MB~22MB	

封闭式起动器(按钮型)

Enclosed type magnetic motor(Push button type)

外形安装尺寸 External & Mounting dimensions

型号 Model	外形尺寸 External / mounting dimension		
UKQ-9MB-22MB			
UKQ-32MB-40MB			
UKQ-50B-85B			
触点构成 Contacts form	<p style="text-align: center;">UKQ-9MB-22MB</p>	<p style="text-align: center;">UKQ-32MB-40MB</p>	<p style="text-align: center;">UKQ-50B-85B</p>

UKQ-5CP电磁起动器

Magnetic starter

适用范围 Application

UKQ-5CP电磁起动器适用于交流50Hz或60Hz，额定电压至550V，额定控制功率至9KW的交流电机的直接起动与停止的控制，对笼型电动机的过载和断相起保护作用，并对电机有失压保护功能。

UKQ-5CP电磁起动器符合IEC60947-4-1，及GB14048.4标准。

The MXQ-5CP electromagnetic starter is to control the direct starting and stopping of AC motor of rated voltage of up to 550V, rated frequency of 50Hz or 60Hz, and rated control power of up to 9kW, and also protect the squirrel-cage type motor from open phase, overload, and no-voltage.

MXQ-5CP electrical magnetic staonter according to IEC60947-4-1 & GB14048.4 Standard.



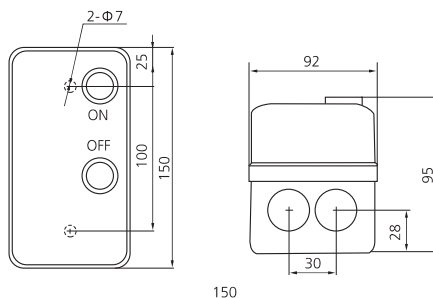
UKQ-5CP

型号 Type	额定功率Rated Power(kw)			额定电流Rated current(A)			1交流电性能 AC 1 duty(A)	整定电流 Setting current(A)
	AC 3 duty			AC 3 duty				
	200V~ 220V	380V~ 440V	500V~ 550V	200V~ 220V	380V~ 440V	500V~ 550V		
UKQ-5CP	4	7.5	9	18	17	17	32	2-4,4-8,8-16
UKQ-5CPB	4	7.5	9	18	17	17	32	2-4,4-8,8-16

外形和安装尺寸 External & Mounting dimensions



UKC-5



150

电气原理图 Diagram of electric principle



UKT-5N

2-4A
4-8A
8-16A

