

检测设备

Testing equipment



生产车间

The production workshop



资质证书

Qualification certificate

资质证书

Qualification certificate

产品认证证书
II型自愿认证

证书编号: CQC20130103040189597 发证日期: 2021年12月21日
有效期至: 2031年06月17日

委托人名称 浙江双力电气有限公司
注册地址 浙江省乐清市乐正工业园区下片区(浙江双力电器有限公司内)
制造场所名称 浙江双力电气有限公司
制造场所地址 浙江省乐清市乐正工业园区下片区(浙江双力电器有限公司内)
生产企业名称 浙江双力电气有限公司
生产场所地址 乐清市乐正工业园区下片区

产品名称和规格
交流接触器
CQ2(C1)-09, CQ2(C1)-12, CQ2(C1)-18; Uimp:8kV; Ue:690V; In:25A;
Ue:AC380V; In:5A, 12A, 18A; Ue:AC220V/50Hz; AC380V/50Hz; 使用类别: AC-3; 额定功率: 额定功率因数: 1; 额定工作制: 1h/15A;
AC-15/1h=AC380V/0.95A; DC-33/1h=DC220V/0.33A

产品标准和技术要求 GB/T 14048.4-2020

认证模式 产品型式试验+初次工厂检查+获证后监督

上述产品符合GB/T 14048.4-2020认证规则的要求, 特此声明。
本证书为自愿证书, 证书首次颁发日期: 2020年06月10日
证书有效期内本证书的有效性按获证企业自我声明和获证后监督保持。

可通过以下二维码或登录国家认证网站(www.cqc.gov.cn)查询证书信息

授权签字人 签发 谢肇熙
中国质量认证中心

http://www.cqc.com.cn 中国·北京·朝阳区亮马桥路18号9层 100070 电话: +86 10 83866666

C(2) 0127235

CERTIFICATE OF PRODUCT CERTIFICATION
TYPE II CQC CERTIFICATION

CERTIFICATE NO.: CQC20130103040189597 Valid from Dec.21,2021
Valid until Jun.17,2031

NAME AND REGISTERED ADDRESS OF THE APPLICANT Zhejiang Kell Electric Co., Ltd.
Zn Zhejiang Haijiang Electric Appliance Co., Ltd., Tangzhu Zone, Wenzhou Deqian Industrial Zone, Yuyao City, Zhejiang Province, P.R.China

NAME AND REGISTERED ADDRESS OF THE MANUFACTURER Zhejiang Kell Electric Co., Ltd.
Zn Zhejiang Haijiang Electric Appliance Co., Ltd., Tangzhu Zone, Wenzhou Deqian Industrial Zone, Yuyao City, Zhejiang Province, P.R.China

NAME AND LOCATION OF THE FACTORY Zhejiang Kell Electric Co., Ltd.
Tangzhu Area, Wenzhou Deqian Industrial Park, Yuyao City

PRODUCT NAME, MODEL AND SPECIFICATION AC Contactor CQ2(C1)-09, CQ2(C1)-12, CQ2(C1)-18; Uimp:8kV; Ue:690V; In:25A; Ue:AC380V; In:5A, 12A, 18A; Ue:AC220V/50Hz; AC380V/50Hz; 使用类别: AC-3; 额定功率: 额定功率因数: 1; 额定工作制: 1h/15A;
AC-15/1h=AC380V/0.95A; DC-33/1h=DC220V/0.33A
GB/T 14048.4-2020

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS GB/T 14048.4-2020

TYPE OF CERTIFICATION SCHEMES Type Testing of Product + Initial Factory Inspection + Follow up Factory Inspection

This is to certify that the above mentioned product(s) complies with the requirements of certification rules of CQC13-00001-2020.
Date of original issued: Jun.10,2020
The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

The certificate information is available through the QR code below or CQC's website: www.cqc.gov.cn

授权签字人 签发 谢肇熙
中国质量认证中心

http://www.cqc.com.cn Section V, No.188, Nanshuan Xi Lu, Beijing 100070 P.R.China Tel: +86 10 83866666

C(2) 0127235

产品认证证书
II型自愿认证

证书编号: CQC20130103040189599 发证日期: 2021年12月21日
有效期至: 2031年06月17日

委托人名称 浙江双力电气有限公司
注册地址 浙江省乐清市乐正工业园区下片区(浙江双力电器有限公司内)
制造场所名称 浙江双力电气有限公司
制造场所地址 浙江省乐清市乐正工业园区下片区(浙江双力电器有限公司内)
生产企业名称 浙江双力电气有限公司
生产场所地址 乐清市乐正工业园区下片区

产品名称和规格
交流接触器
CQ2(C1)-F115, CQ2(C1)-F150, Uimp:8kV; Ue:8kV; Ue:AC380V; In:15A;
In:200A; CQ2(C1)-F115(In=AC380V); In:115A;
CQ2(C1)-F150(In=AC380V); In:150A; Ue:AC380V/50Hz; 使用类别: AC-3; 额定功率: 额定功率因数: 1; 额定工作制: 1h/15A;
AC-15/1h=AC380V/0.95A; DC-33/1h=DC220V/0.33A

产品标准和技术要求 GB/T 14048.4-2020

认证模式 产品型式试验+初次工厂检查+获证后监督

上述产品符合GB/T 14048.4-2020认证规则的要求, 特此声明。
本证书为自愿证书, 证书首次颁发日期: 2020年06月10日
证书有效期内本证书的有效性按获证企业自我声明和获证后监督保持。

可通过以下二维码或登录国家认证网站(www.cqc.gov.cn)查询证书信息

授权签字人 签发 谢肇熙
中国质量认证中心

http://www.cqc.com.cn 中国·北京·朝阳区亮马桥路18号9层 100070 电话: +86 10 83866666

C(2) 0127230

CERTIFICATE OF PRODUCT CERTIFICATION
TYPE II CQC CERTIFICATION

CERTIFICATE NO.: CQC20130103040189599 Valid from Dec.21,2021
Valid until Jun.17,2031

NAME AND REGISTERED ADDRESS OF THE APPLICANT Zhejiang Kell Electric Co., Ltd.
Zn Zhejiang Haijiang Electric Appliance Co., Ltd., Tangzhu Zone, Wenzhou Deqian Industrial Zone, Yuyao City, Zhejiang Province, P.R.China

NAME AND REGISTERED ADDRESS OF THE MANUFACTURER Zhejiang Kell Electric Co., Ltd.
Zn Zhejiang Haijiang Electric Appliance Co., Ltd., Tangzhu Zone, Wenzhou Deqian Industrial Zone, Yuyao City, Zhejiang Province, P.R.China

NAME AND LOCATION OF THE FACTORY Zhejiang Kell Electric Co., Ltd.
Tangzhu Area, Wenzhou Deqian Industrial Park, Yuyao City

PRODUCT NAME, MODEL AND SPECIFICATION AC Contactor CQ2(C1)-F115, CQ2(C1)-F150, Uimp:8kV; Ue:8kV; Ue:AC380V; In:15A;
In:200A; CQ2(C1)-F115(In=AC380V); In:115A;
CQ2(C1)-F150(In=AC380V); In:150A; Ue:AC380V/50Hz; 使用类别: AC-3; 额定功率: 额定功率因数: 1; 额定工作制: 1h/15A;
AC-15/1h=AC380V/0.95A; DC-33/1h=DC220V/0.33A

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS GB/T 14048.4-2020

TYPE OF CERTIFICATION SCHEMES Type Testing of Product + Initial Factory Inspection + Follow up Factory Inspection

This is to certify that the above mentioned product(s) complies with the requirements of certification rules of CQC13-00001-2020.
Date of original issued: Jun.10,2020
The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

The certificate information is available through the QR code below or CQC's website: www.cqc.gov.cn

授权签字人 签发 谢肇熙
中国质量认证中心

http://www.cqc.com.cn Section V, No.188, Nanshuan Xi Lu, Beijing 100070 P.R.China Tel: +86 10 83866666

C(2) 0127230

产品认证证书
II型自愿认证

证书编号: CQC2013010304006999 发证日期: 2021年12月21日
有效期至: 2031年06月17日

委托人名称 浙江双力电气有限公司
注册地址 浙江省乐清市乐正工业园区下片区(浙江双力电器有限公司内)
制造场所名称 浙江双力电气有限公司
制造场所地址 浙江省乐清市乐正工业园区下片区(浙江双力电器有限公司内)
生产企业名称 浙江双力电气有限公司
生产场所地址 乐清市乐正工业园区下片区

产品名称和规格
交流接触器
CQ2(C1)-0115, CQ2(C1)-0150, CQ2(C1)-0170; Ue: AC400V; Ue: 690V;
Uimp: 8kV/3P; In: CQ2(C1)-0115: 115A; CQ2(C1)-0150: 150A; CQ2(C1)-0170: 170A; 使用类别: AC-3; In: AC230V; AC400V; 额定功率: 3P

产品标准和技术要求 GB/T 14048.4-2020

认证模式 产品型式试验+初次工厂检查+获证后监督

上述产品符合GB/T 14048.4-2020认证规则的要求, 特此声明。
本证书为自愿证书, 证书首次颁发日期: 2020年06月10日
证书有效期内本证书的有效性按获证企业自我声明和获证后监督保持。

可通过以下二维码或登录国家认证网站(www.cqc.gov.cn)查询证书信息

授权签字人 签发 谢肇熙
中国质量认证中心

http://www.cqc.com.cn 中国·北京·朝阳区亮马桥路18号9层 100070 电话: +86 10 83866666

C(2) 0127236

CERTIFICATE OF PRODUCT CERTIFICATION
TYPE II CQC CERTIFICATION

CERTIFICATE NO.: CQC2013010304006999 Valid from Dec.21,2021
Valid until Jun.17,2031

NAME AND REGISTERED ADDRESS OF THE APPLICANT Zhejiang Kell Electric Co., Ltd.
Zn Zhejiang Haijiang Electric Appliance Co., Ltd., Tangzhu Zone, Wenzhou Deqian Industrial Zone, Yuyao City, Zhejiang Province, P.R.China

NAME AND REGISTERED ADDRESS OF THE MANUFACTURER Zhejiang Kell Electric Co., Ltd.
Zn Zhejiang Haijiang Electric Appliance Co., Ltd., Tangzhu Zone, Wenzhou Deqian Industrial Zone, Yuyao City, Zhejiang Province, P.R.China

NAME AND LOCATION OF THE FACTORY Zhejiang Kell Electric Co., Ltd.
Tangzhu Area, Wenzhou Deqian Industrial Park, Yuyao City

PRODUCT NAME, MODEL AND SPECIFICATION AC Contactor CQ2(C1)-0115, CQ2(C1)-0150, CQ2(C1)-0170; Ue: AC400V; Ue: 690V;
Uimp: 8kV/3P; In: CQ2(C1)-0115: 115A; CQ2(C1)-0150: 150A; CQ2(C1)-0170: 170A; 使用类别: AC-3; In: AC230V; AC400V; 额定功率: 3P

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS GB/T 14048.4-2020

TYPE OF CERTIFICATION SCHEMES Type Testing of Product + Initial Factory Inspection + Follow up Factory Inspection

This is to certify that the above mentioned product(s) complies with the requirements of certification rules of CQC13-00001-2020.
Date of original issued: Jun.10,2020
The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

The certificate information is available through the QR code below or CQC's website: www.cqc.gov.cn

授权签字人 签发 谢肇熙
中国质量认证中心

http://www.cqc.com.cn Section V, No.188, Nanshuan Xi Lu, Beijing 100070 P.R.China Tel: +86 10 83866666

C(2) 0127236

产品认证证书
II型自愿认证

证书编号: CQC201301030400699 发证日期: 2021年12月21日
有效期至: 2031年06月17日

委托人名称 浙江双力电气有限公司
注册地址 浙江省乐清市乐正工业园区下片区(浙江双力电器有限公司内)
制造场所名称 浙江双力电气有限公司
制造场所地址 浙江省乐清市乐正工业园区下片区(浙江双力电器有限公司内)
生产企业名称 浙江双力电气有限公司
生产场所地址 乐清市乐正工业园区下片区

产品名称和规格
交流接触器
CQ2(C1)-F630, CQ2(C1)-F800, Uimp:8kV; Ue:8kV;
Ue:AC380V/50Hz; In:630A; In:800A; Ue:AC380V/50Hz; 使用类别: AC-3; 额定功率: 额定功率因数: 1; 额定工作制: 1h/15A;
AC-15/1h=AC380V/0.95A; DC-33/1h=DC220V/0.33A

产品标准和技术要求 GB/T 14048.4-2020

认证模式 产品型式试验+初次工厂检查+获证后监督

上述产品符合GB/T 14048.4-2020认证规则的要求, 特此声明。
本证书为自愿证书, 证书首次颁发日期: 2020年06月10日
证书有效期内本证书的有效性按获证企业自我声明和获证后监督保持。

可通过以下二维码或登录国家认证网站(www.cqc.gov.cn)查询证书信息

授权签字人 签发 谢肇熙
中国质量认证中心

http://www.cqc.com.cn 中国·北京·朝阳区亮马桥路18号9层 100070 电话: +86 10 83866666

C(2) 0127233

CERTIFICATE OF PRODUCT CERTIFICATION
TYPE II CQC CERTIFICATION

CERTIFICATE NO.: CQC201301030400699 Valid from Dec.21,2021
Valid until Jun.17,2031

NAME AND REGISTERED ADDRESS OF THE APPLICANT Zhejiang Kell Electric Co., Ltd.
Zn Zhejiang Haijiang Electric Appliance Co., Ltd., Tangzhu Zone, Wenzhou Deqian Industrial Zone, Yuyao City, Zhejiang Province, P.R.China

NAME AND REGISTERED ADDRESS OF THE MANUFACTURER Zhejiang Kell Electric Co., Ltd.
Zn Zhejiang Haijiang Electric Appliance Co., Ltd., Tangzhu Zone, Wenzhou Deqian Industrial Zone, Yuyao City, Zhejiang Province, P.R.China

NAME AND LOCATION OF THE FACTORY Zhejiang Kell Electric Co., Ltd.
Tangzhu Area, Wenzhou Deqian Industrial Park, Yuyao City

PRODUCT NAME, MODEL AND SPECIFICATION AC Contactor CQ2(C1)-F630, CQ2(C1)-F800, Uimp:8kV; Ue:8kV;
Ue:AC380V/50Hz; In:630A; In:800A; Ue:AC380V/50Hz; 使用类别: AC-3; 额定功率: 额定功率因数: 1; 额定工作制: 1h/15A;
AC-15/1h=AC380V/0.95A; DC-33/1h=DC220V/0.33A

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS GB/T 14048.4-2020

TYPE OF CERTIFICATION SCHEMES Type Testing of Product + Initial Factory Inspection + Follow up Factory Inspection

This is to certify that the above mentioned product(s) complies with the requirements of certification rules of CQC13-00001-2020.
Date of original issued: Jun.10,2020
The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

The certificate information is available through the QR code below or CQC's website: www.cqc.gov.cn

授权签字人 签发 谢肇熙
中国质量认证中心

http://www.cqc.com.cn Section V, No.188, Nanshuan Xi Lu, Beijing 100070 P.R.China Tel: +86 10 83866666

C(2) 0127233

资质证书
Qualification certificate



选型指南 Selection guide

CJX2-F 系列交流接触器 CJX2-F Series AC contactor	1-12
CJX2-D(XLC1-D) 系列交流接触器 CJX2-D(XLC1-D) Series AC Contactor	13-16
CJX2-N(LC1-N) 机械联锁接触器 CJX2-N(LC1-N) Mechanical Interlocking Contactor	17-19
CJX2-D 系列交流接触器 CJX2-D Series AC contactor	20-22
CJX2-R 系列交流接触器 CJX2-R Series AC contactor	23-30
HGC 系列交流/直流接触器 HGC Series AC/DC contactor	31-34
消防机械应急启动（启泵）装置 Emergency start (pump start) device for firefighting machinery	35-39
CJ20 系列交流接触器 CJ20 Series AC contactor	40-41
CJ40 系列交流接触器 CJ40 Series AC contactor	42-43
ICT 系列家庭交流接触器 ICT Series household AC contactor	44-45
CJ19 系列切换电容器接触器 CJ19 Series Switching capacitor contactor	46
LR9 系列热继电器 LR9 Series thermal relay	47-49
DZ518(GV2) 电动机保护断路器 DZ518(GV2) Series Motor protection circuit breaker	50-54
JMC(GMC) 系列交流接触器 JMC(GMC) Series AC contactor	55-56
CJX7(A9D...A370D) 系列交流接触器 CJX7(A9D...A370D) Series AC contactor	57-58
CZW 系列直流接触器 CZW Series DC contactor	59-61
CZWH 系列直流接触器 CZWH Series DC contactor	62-65
SEV 系列高压直流接触器 SEV Series DC contactor	66-69
SZJ 系列直流接触器 SZJ Series DC contactor	70-73
塑料外壳式断路器系列(PG) PG Series Residual Current Circuit Breaker	74-75
壁挂式安装三相阶梯电价预付费电能表/电表箱 Wall mounted ladder Three-phase Prepaid power meter(box)	76

型号 Product Model			CJX2-F 系列交流接触器 CJX2-F Series AC contactor	CJX2-D 系列交流接触器 CJX2-D Series AC contactor
规格 Specifications			115A、150A、185A、225A、 265A、330A、400A、500A、 630A、780A、800A	115A、150A、170A、 205A、245A、300A、 410A、475A、620A
产品 Product picture				
额定工作电流A Rated operational current A	AC-3		115-800A	115-620A
	AC-1		200-1600A	200-800A
额定发热电流IthA Rated heating current Ith			200-1600A	200-800A
最高额定工作电压V Maximum rated operational voltage V			1000V	690、1000V
额定功率 AC-3 KW Rated operational power AC-3 KW	220V		30-220 kW	30-220 kW
	400V		55-400 kW	55-335 kW
	500V		75-450 kW	75-400 kW
	690V		80-475 kW	80-450 kW
	1000V		65-450 kW	65-450 kW
最大工作 功率 AC1KW Maximum operating power AC-1 KW	220V		80-550 kW	80-350 kW
	400V		135-970 kW	135-600 kW
	500V		170-1200 kW	170-750 kW
	690V		235-1650 kW	235-1000 kW
	1000V		345-2400 kW	345-1500 kW
极数 Number of poles			2-4	3-4、2-4
应用 Applications			通用产品。适用于AC3、AC1负载。广泛适用于 交流电动机的控制。 Standard products,ApplicableAC-3 and AC-I loads.Widely used for control of AC motors.	通用产品。适用于AC3、AC1负载。广泛适用于 交流电动机的控制。 Standard products,ApplicableAC-3 and AC-I loads.Widely used for control of AC motors.

型号 Product Model		CJX2-R 系列交流接触器 CJX2-R Series AC contactor	CJ19(16) 系列切换电容器接触器 CJ19 (16) Switching capacitor contactor series
规格 Specifications		1000A、1250A、1450A、 1700A、2100A、2600A、 3200A	
产品 Product picture			
额定工作电流A Rated operational current A	AC-3	---	---
	AC-1	1000-3200A	AC-6b 90-130A
额定发热电流IthA Rated heating current Ith		1000-3200A	250A
最高额定工作电压V Maximum rated operational voltage V		1000V	650V
额定功率 AC-3 KW Rated operational power AC-3 KW	220V		
	400V		
	500V		
	690V		
	1000V		
最大工作 功率 AC1KW Maximum operating power AC-1 KW	220V	350-1090 kW	电容电量Kvar Capacity of capacitor kvar
	400V	600-1890 kW	60-90 kW
	500V	740-2350 kW	
	690V		
	1000V	1490-4690 kW	
极数 Number of poles		3	3
应用 Applications		Ac1专用。适用于微感负载或微感配电电路。如普 通电炉、车间级配电电路、农村配电、风电配电。 For category Ac1 . For slightly inductive loads or slightly inductive distribution circuits, eg. Standard electric stove, distribution circuits for workshop, power distribution in rural area and distribution for wind power distribution,	电容器的接通与分断。适用于无功功率补偿设备电 容器的接通与分断，以提高功率因素。 For Making and breaking of capacitor.For making and breaking of reactive power compensation devices and appliances,to improve the power factor.

CJX2-F系列交流接触器 115至800A
CJX2-F Series AC contacor from 115 to 800A

应用
Application

控制所有类型的电动机，适用于交流50\60Hz，电压至1000V，
电流至1500A电路中控制电阻、电感和电容性电路:加热、照明、
功率补偿、变压器常规一备用电源。

Control all types of motors, suitable for
AC 50 60Hz, voltage up to 1000V,Control
resistor, inductor, and capacitive circuits
in a current to 1500 A circuit: heating,
lightingPower compensation, transformer
conventional standby power supply.



CJX2-F115-F330外形

额定工作 电流 Rated operating current	le max AC-3 (Ue≤440V)	115A	150A	185A	225A
	le max AC-1 (θ ≤440V)	200A	250A	275A	315A
额定工作电压 Rated operating voltage		1000V	1000V	1000V	1000V
主触头数（常开） Number of contacts(N/O)		3或4	3或4	3或4	3或4
额定功率 AC-3类别 Rated operational power KW AC	220/240V	30kW	40kW	55kW	63kW
	380/400V	55kW	75kW	90kW	110kW
	415V	59kW	80kW	100kW	110kW
	440V	59kW	80kW	100kW	110kW
	500V	75kW	90kW	110kW	129kW
	660/690V	80kW	100kW	110kW	129kW
	1000V	65kW	65kW	100kW	100kW
配用的熔断 器（SCPD） (SCPD) Short-circuit protection by fuse	型号 Model	RT16-2	RT16-2	RT16-3	RT16-3
	额定电流（A） Rated current	250	355	425	500
选配辅助块 Optional parts		辅助触头组：LA1-DN 空气延时组：LA2-DT、LA2-DS、LA2-DR Auxiliary contact group: LA1-DN Air delay group: LA2-DT, LA2-DS, LA2-DR			
接触器型号 Contactors		CJX2-F115	CJX2-F150	CJX2-F185	CJX2-F225
重量（Kg） Weight(kg)		3.6	3.7	4.6	4.7

CJX2-F系列交流接触器 115至800A
CJX2-F Series AC contacor from 115 to 800A



CJX2-F400-F500

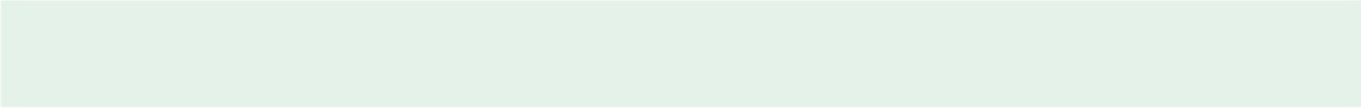


CJX2-F630



CJX2-F780

265A	330A	400A	500A	630A	780A	800A
350A	400A	500A	700A	800A	1600A	1000A
1000V	1000V	1000V	1000V	1000V	1000V	1000V
2、3或4	2、3或4	2、3或4	2、3或4	2、3或4	2、3或4	3
75kW	100kW	110kW	147kW	200kW	220kW	220kW
132kW	160kW	200kW	250kW	335kW	400kW	400kW
140kW	180kW	220kW	280kW	375kW	425kW	425kW
140kW	200kW	250kW	295kW	400kW	425kW	425kW
160kW	200kW	257kW	355kW	400kW	450kW	450kW
160kW	220kW	280kW	335kW	450kW	475kW	475kW
147kW	160kW	185kW	335kW	450kW	450kW	450kW
RT16-3	RT16-3	RT16-3	RT16-3	RT16-3	RT16-3	RT16-3
630	800	800	1000	1250	1600	1250



CJX2-F265	CJX2-F330	CJX2-F400	CJX2-F500	CJX2-F630	CJX2-F780	CJX2-F800
7.1	8.5	8.5	10.8	17.4	40.0	19.0

特 性
Characteristics

型号	Contactors			CJX2–F115	CJX2–F150	CJX2–F185	CJX2–F225
工作条件 Environment							
额定绝缘电压(Ui) Rated insulation voltage(Ui)		符合IEC60974–4–1标准 Conforming to standards	V	1000	1000	1000	1000
额定冲击耐受电压(Uimp) Rated impulse withstand voltage(Uimp)			KV	8	8	8	8
额定工作电压 (Ue) max Rated operational voltage (Ue) max			V	1000	1000	1000	1000
工作电流频率范围 Operational current frequency rang			Hz	25—400			
符合标准 Conforming to standords		IEC60947,GB14048,EN60947,NFC63–110,VDE0660,BS5424,JEM1038					
周围的工作环境温度 Ambient air temperature		贮存 Storage	℃	–60...+80			
		运行 Operation	℃	–5...+55			
		最大允许温度范围 (1) Permissible for operation	℃	–40...+70			
运行海拔高度 Maximum operating altitude			m	2000			
		最大允许运行海拔高度 Operating altitude allowed	m	3000			
湿度 Humidity			+40℃时相对湿度不超过5%，低于40℃时最大湿度不超过90% The relative humidity shall not exceed 5% at 40 °C, and the maximum humidity shall not exceed 90% below 40 °C				
抗冲击性能 1/2正弦波=11ms Impact resistance capability 1/2 sine wave=11ms		接触器打开 Contactor opens		9gn	9gn	7gn	7gn
		接触器闭合 Contactor closes		15gn	15gn	15gn	15gn
抗震性能 5...150Hz anti–seismic performance		接触器打开 Contactor opens		2gn	2gn	2gn	2gn
		接触器闭合 Contactor closes		4gn	4gn	4gn	4gn
污染等级 anti–seismic performance			“污染等级Ⅲ” Pollution degree Ⅲ				
防护等级 Degree of protection		主电路 Main circuit	IP2L0防止手指直接接触安装电源端子保护盖 IP2L0 prevents direct finger contact (install power terminal protection cover)				
		线圈接线端 Coil terminals	IP2L0防止手指直接接触 IP2L0 prevents direct finger contact				
安装方法 Mounting method			安装面与地面垂直，倾斜度 ≥5° ，允许扩大到30° The installation surface is perpendicular to the ground, with a gradient of ≥ 5 ° , and is allowed to expand to 30				
操作频率 Operating frequency		AC–1,AC–2,AC–3	次/h	1200	1200	1200	1200
		AC–4	次/h	300	300	300	300
控制电路特性 Control circuit characteristics							
额定控制电压(Uc) Rated control voltage(Uc)		50/60Hz	V	24–660(请在订货时指出控制电压规定，默认为220V) 24–660 (Please indicate the control voltage regulation when ordering, the default is 220V)			
动作电压 (θ ≤55℃) control voltage limits(AC) (θ ≤55℃)		吸合电压 Operation voltage	V	0.85–1.1Uc			
		释放电压 (AC) Drop–out voltage(AC)	V	0.2–0.75Uc			
		释放电压(DC) Drop–out voltage(AC)	V	0.1–0.75Uc			
平均功耗 50Hz Average power 50Hz		启动(AC) Inrush(AC)	VA	550	550	810	810
		吸持(DC) Sealed(AC)	VA	45	45	55	55
		启动(AC) Inrush(AC)	VA	550	550	740	740
		吸持(DC) Sealed(AC)	VA	4	4	4.2	4.2

(1)在这些条件下，建议F115至F225型号的接触器采用LX9–F线圈
(1) Under these conditions, it is recommended to use LX9–F coils for F115 to F225 type contactors

特 性
Characteristics

CJX2–F265	CJX2–F330	CJX2–F400	CJX2–F500	CJX2–F630	CJX2–F780	CJX2–F800
1000	1000	1000	1000	1000	1000	1000
8	8	8	8	8	8	8
1000	1000	1000	1000	1000	1000	1000
6gn	6gn	6gn	6gn	6gn	5gn	6gn
15gn	15gn	15gn	15gn	15gn	15gn	15gn
2gn	2gn	1.5gn	2gn	2gn	2.5gn	2gn
5gn	5gn	5gn	4gn	4gn	5.5gn	4gn
1200	600	600	600	600	600	600
300	300	300	300	300	300	300
1200	600	1000	1050	1500	1900	1300
85	10	12	16	20	45	15
660	660	920	1000	1420	1960	
3.7	3.7	4	4.5	6.5	42	

特 性

Characteristics

型号 Contactors			CJX2–F115	CJX2–F150	CJX2–F185	CJX2–F225
主触点特性						
Main contact characteristics						
主触点的极数			3或4	3或4	3或4	3或4
Number of poles of the main contact						
额定工作电流(Ie)	In AC–3, θ ≤55℃	A	115	150	185	225
(Ue≤400V)						
Rated operating current(Ie)	In AC–1, θ ≤40℃	A	200	250	275	315
(Ue≤400V)						
额定工作电压(Ue)	最高为	V	1000	1000	1000	1000
Rated operating voltage (Ue)	Up to					
频率限制	工作电流下的频率(1)	Hz	16 ^{2/3} ...200	16 ^{2/3} ...200	16 ^{2/3} ...200	16 ^{2/3} ...200
Frequency limit	Frequency at operating current (1)					
约定发热电流	θ ≤40℃	A	200	250	275	315
Agreed heating current						
额定接通能力	1ms,符合IEC60947–4–1标准	A	接通电流：10 × 1(AC–3)或12 × 1(AC–3)			
Rated making capacity	1ms, in accordance with IEC60947–4–1 standard		Switching on current: 10 × 1 (AC–3) or 12 × 1(AC–3)			
额定分断能力	1ms,符合IEC60947–4–1标准	A	接通分断电流8 × 1(AC–3)			
Rated breaking capacity	1ms, in accordance with IEC60947–4–1 standard		或10 × (AC–4)			
			Turning on and off current 8 × 1 (AC–3) or 10 × (AC–4)			
短时耐受电流	10秒	A	1100	1200	1500	1800
	10 seconds					
	30秒	A	640	700	920	1000
	30 seconds					
	1分钟	A	520	600	740	850
从冷态开始	1 minute					
此前60分钟无电流, θ ≤40℃	3分钟	A	400	450	500	560
Short time withstand current	3 minutes					
Starting from the cold state	10分钟	A	320	350	400	440
There was no current for the previous 60 minutes, θ ≤ 40℃	10 minutes					
通过熔丝提供短路保护	电动机电路 (aM类型)	A	125	160	200	250
	U≤440V					
	Short circuit protection via fuses	A	200	200	315	315
U≤440V	带有过载继电器(gG类型)					
Short circuit protection via fuses	With overload relay (type gG)					
U≤440V	g G熔丝	A	200	200	315	315
G G fuse						
每极平均阻抗	1 th及50Hz下	mΩ	0.37	0.35	0.33	0.32
Average impedance per pole	At 1 th and 50Hz					
上述工作电流下	AC–3	W	5	8	12	16
每极耗散功率	AC–1	W	15	22	25	27
Dissipated power per pole under the above operating current						
连线/配线	线排数		最大截面积			
	Number of rows		Maximum cross-sectional area			
Wiring	线排尺寸	mm	2	2	2	2
	Row size		20 × 3	25 × 3	25 × 3	32 × 3
动作电压	带有接片的线缆	mm	95	120	150	185
	Cable with tab					
	带有连接器线缆	mm	95	120	150	185
θ ≤55℃	With connector cable					
Operating voltage	螺钉直径	mm	Φ6	Φ8	Φ8	Φ10
θ ≤55℃	Screw diameter					
紧固扭矩	电路连接					
	Circuit connections	N.m	10	18	18	35
Tightening torque						

(1)无干扰的正弦波形。
(1) Sinusoidal waveform without interference

特 性

Characteristics

CJX2–F265	CJX2–F330	CJX2–F400	CJX2–F500	CJX2–F630	CJX2–F780	CJX2–F800
3或4	3或4	2、3或4	2、3或4	2、3或4	2、3或4	3
265	330	400	500	630	780	800
350	400	500	700	1000	1600	1000
1000	1000	1000	1000	1000	1000	1000
16 ^{2/3} ...200	16 ^{2/3} ...200	16 ^{2/3} ...200	16 ^{2/3} ...200	16 ^{2/3} ...200	16 ^{2/3} ...200	16 ^{2/3} ...200
350	400	500	700	1000	1600	1000
接通电流:10 × 1(AC–3)或12 × 1(AC–4)						
Switching on current: 10 × 1 (AC–3) or 12 × 1(AC–4)						
接通分断电流8 × 1(AC–3)						
或10 × 1(AC–4)						
Turning on and off current 8 × 1 (AC–3) or 10 × (AC–4)						
2200	2650	3600	4200	5050	6250	5500
1230	1800	2400	3200	4400	5600	4600
950	1300	1700	2400	3400	4600	3600
620	900	1200	1500	2200	3000	2600
480	750	1000	1200	1600	2200	1700
315	400	400	500	630	800	800
500	500	630	800	800	1000	1000
400	500	500	800	1000	2 × 800(2)	1000
0.3	0.28	0.26	0.18	0.12	0.10	0.12
21	31	42	45	48	60	77
37	44	65	88	120	250	120
2	2	2	2	2	2	2
32 × 4	30 × 5	30 × 5	40 × 5	60 × 5	100 × 5	60 × 5
240	240	2 × 150	2 × 240	—	—	—
240	—	—	—	—	—	—
Φ10	Φ10	Φ10	Φ10	Φ12	Φ12	Φ12
35	35	35	35	58	58	58

(2)主极并联须根据熔丝的制造厂商建议进行。
(2) The parallel connection of the main poles must be carried out according to the recommendations of the fuse manufacturer

CJX2-F系列交流接触器

标准的运行测试条件
CJX2-F Series AC contactor
Standard operating test conditions

特 性
Characteristics

	符合IEC60947,GB14048标准 Comply with IEC60947 and GB14048 standards										
测试条件 Test conditions											
	性能项目 Performance Items	使用类别代号(1) Use Category Code (1)	额定工作电流 Rated operating current	接通条件 ON condition			保持条件 Holding conditions		分断条件 Breaking condition		
				I/le	U/Ue	cosΦ	I/le	T(S)	I/le	U/Ue	cosΦ
正常操作 Normal operation	电寿命 Electrical lifetime	AC-1	全部值 All values	1	1	0.95	1	0.05-0.1	1	1	0.95
		AC-2		2.5	1	0.65	2.5	0.05-0.1	2.5	1	0.65
		AC-3		6	1	0.35	6	0.05-0.1	1	0.17	0.35
		AC-4		6	1	0.35	6	0.05-0.1	6	1	0.35
	约定操作性能 Agreed operational performance	AC-1	全部值 All values	1	1.05	0.8	1	0.05-0.1	1	1.05	0.8
		AC-2		2	1.05	0.65	2	0.05-0.1	2	1.05	0.65
		AC-3		2	1.05	0.35	2	0.05-0.1	2	1.05	0.35
		AC-4		6	1.05	0.35	6	0.05-0.1	6	1.05	0.35
偶然操作 Accidental operation	通断能力 Making and breaking capacity	AC-1	全部值 All values	1.5	1.05	0.8	1.5	0.05-0.1	1.5	1.05	0.8
		AC-2		4	1.05	0.65	4	0.05-0.1	4	1.05	0.65
		AC-3		8	1.05	0.35	8	0.05-0.1	8	1.05	0.35
		AC-4	≤500	10	1.05	0.35	10	0.05-0.1	10	1.05	0.35
			>500	8	1.05	0.35	8	0.05-0.1	8	1.05	0.35
		接通能力 Connection capability	AC-3	全部值 All values	10	1.05	0.35	10	0.05-0.1		
	AC-4		≤500	12	1.05	0.35	12	0.05-0.1			
			>500	10	1.05	0.35	10	0.05-0.1			
	过载电流能力(2) Overload current capacity (2)	≤630				8	10				
		>630				6	10				
短路配合 Short circuit coordination	与短路保护电器的协调配合Ⅱ型配合(3) And short-circuit protection electricity Coordination and cooperation of devicesⅡ-shaped fit (3)	预期短路电流 Expected short circuit electric current	le≤125	5KA		0.7	5KA				
			125<le≤315	10KA		0.5	10KA				
			315<le≤630	18KA		0.3	18KA				
			630<le≤1000	30KA		0.25	30KA				

- (1)使用类别代号及典型用会途举例:
AC-1:无感或低感负载、电阻炉
AC-2:线绕式感应电动机的起动、分断
AC-3:鼠笼式感应电动机的起动、运转中分断
AC-4:鼠笼式感应电动机的起动、反接制动或反向运转、点动
- (2)从冷态开始, 周围温度≤40° C.
- (3)对于Ⅱ型配合, 与接触器配合的熔断器(SCPD) 的额定电流需要降为63% (CJX2F115-400) 和80% (CJX2F500-800)

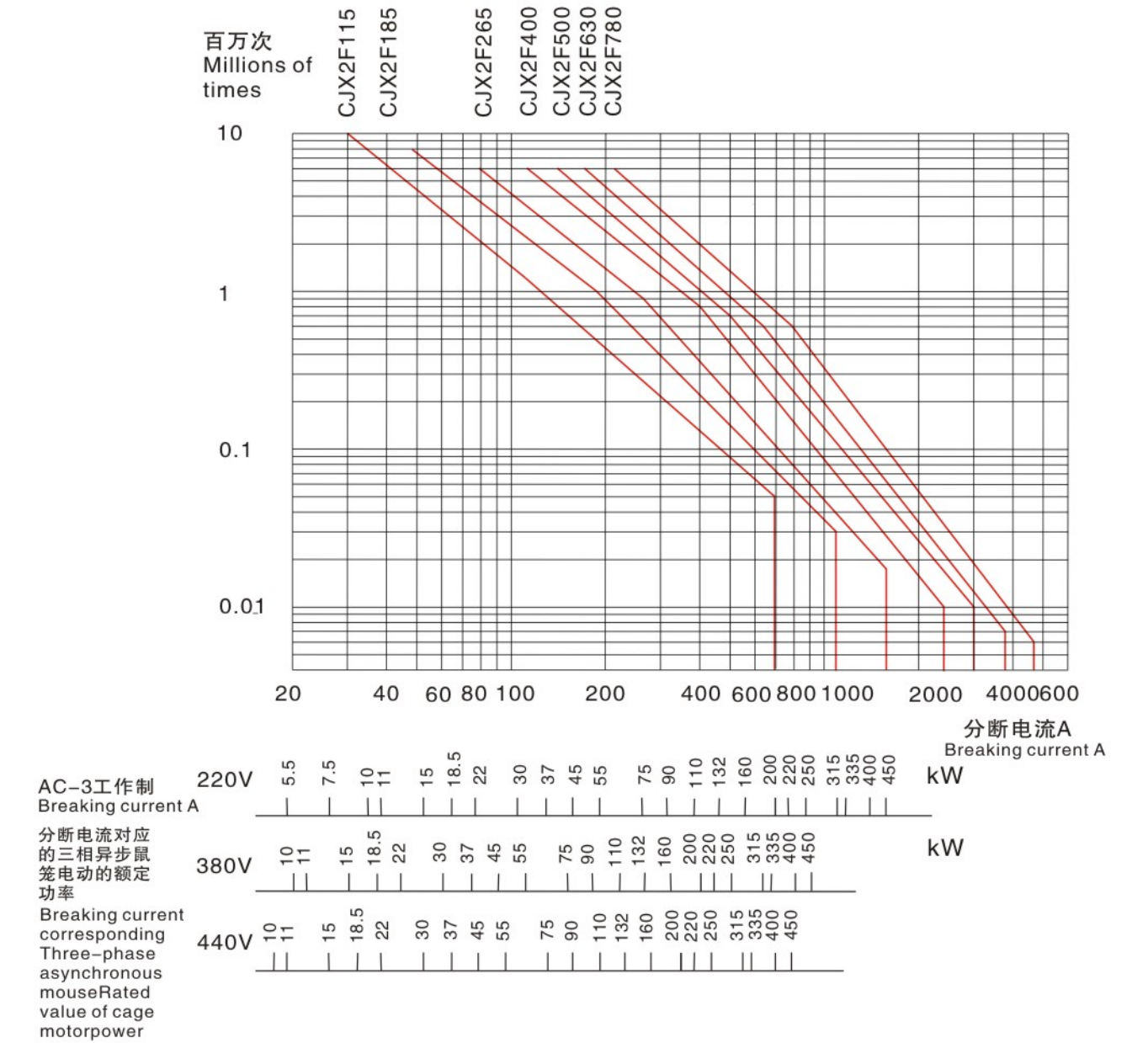
- (1) Usage category code and typical usage examples:
AC-1: non-inductive or low inductive load, resistance furnace
AC-2: Starting and breaking of wire wound induction motors
AC-3: Starting and breaking of squirrel cage induction motor during operation
AC-4: Starting, reverse braking, or reverse operation, inching of squirrel cage induction motors
- (2) Starting from the cold state, the ambient temperature is ≤ 40 ° C
- (3) For Type II coordination, the rated current of the fuse (SCPD) matching the contactor needs to be reduced to 63% (CJX2F115-400) and 80% (CJX2F500-800)

CJX2-F系列直流接触器

AC-3,AC-4使用类别
CJX2-F Series AC contactor
AC-3, AC-4 usage categories

根据所需电气寿命选型
Selection based on required electrical life

AC-3, AC-4类别 Category AC-3, AC-4

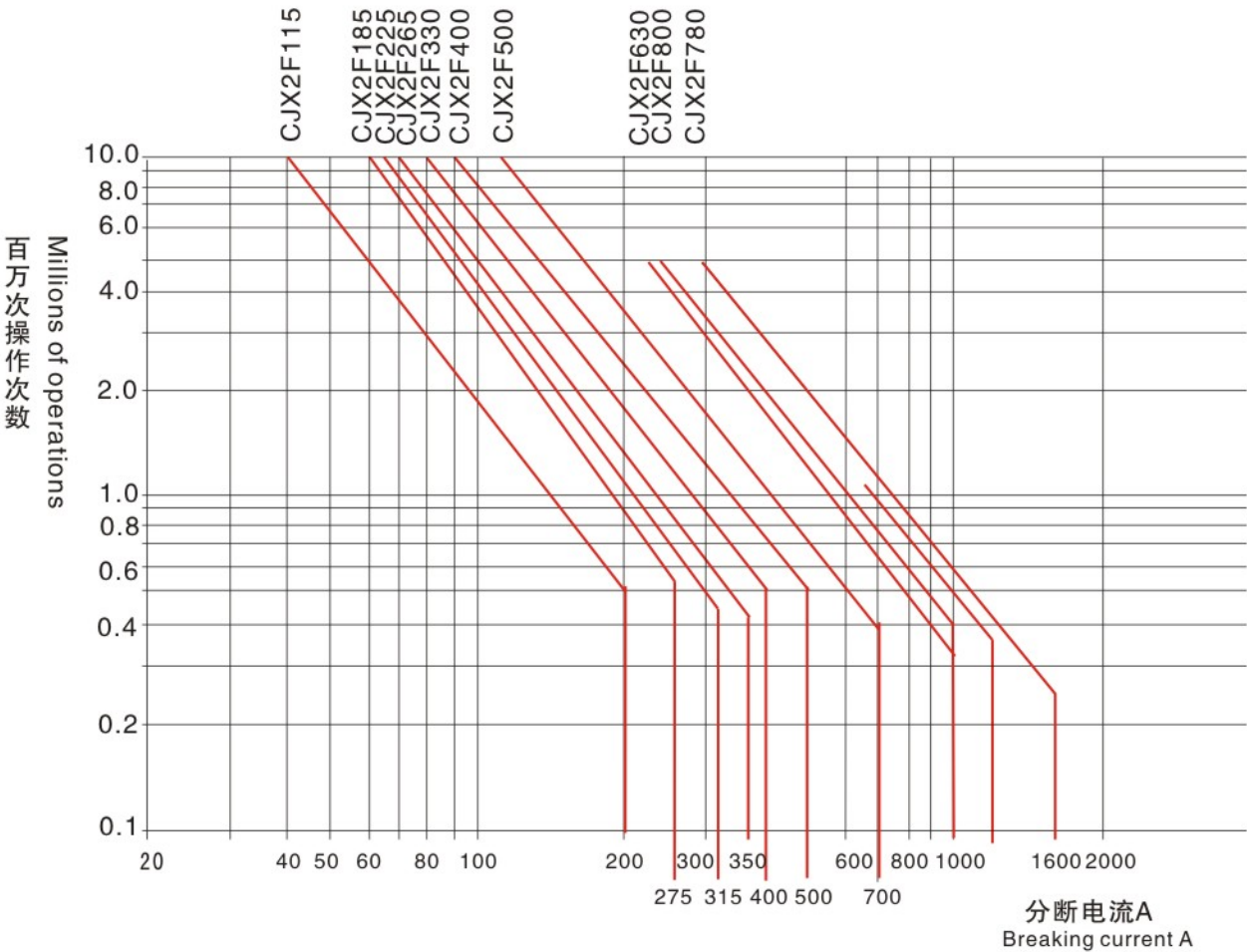


注: 1)接触器的触头属于备件, 触头磨损后, 在接触器机械寿命期内更触头, 接触器仍能正常工作;
2)接触器主极并联使用, 因要考虚分布于主极间的不平衡电流, 故在接触器额定工作电流值上乘以如下因子
(两极并联. K=1.6;三极并联. K=2.25;四极并联: K=2.8)。

Note: 1) The contact of the contactor is a spare part. After the contact is worn, the contactor can still work normally after replacing the contact within the mechanical life of the contactor;
2) The main poles of contactors are used in parallel. Due to the consideration of the unbalanced current distributed between the main poles, the rated operating current of the contactor is multiplied by the following factors
(Two pole parallel connection: K=1.6; three pole parallel connection: K=2.25; four pole parallel connection: K=2.8).

根据所需电气寿命选型
Selection based on required electrical life

AC-1类别 Category AC-1



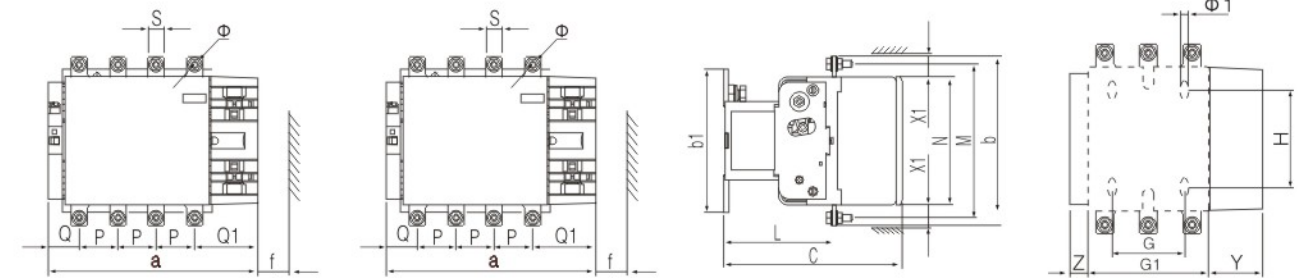
注: 1)接触器的触头属于备件,触头磨损后,在接触器机械寿命期内更触头,接触器仍能正常工作;
2)接触器主极并联使用,因要考虑分布于主极间的不平衡电流,故在接触器额定工作电流值上乘以如下因子
(两极并联: K=1.6;三极并联: K=2.25;四极并联: K=2.8)。

Note: 1) The contact of the contactor is a spare part. After the contact is worn, the contactor can still work normally after replacing the contact within the mechanical life of the contactor;
2) The main poles of contactors are used in parallel. Due to the consideration of the unbalanced current distributed between the main poles, the rated operating current of the contactor is multiplied by the following factors
(Two pole parallel connection: K=1.6; three pole parallel connection: K=2.25; four pole parallel connection: K=2.8).

尺寸
Dimensions

CJX2-F115/1154-330\3304

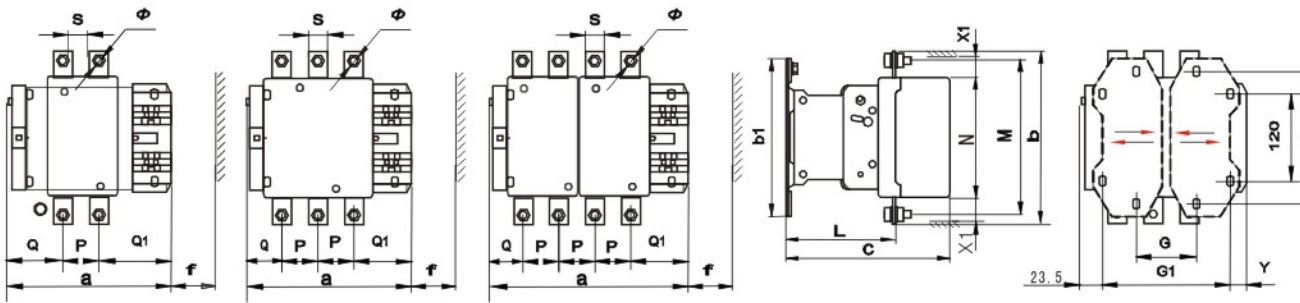
(外形尺寸安装尺寸)
(Overall dimensions installation dimensions)



CJX2F	a	P	Q	Q1	S	Φ	f	b	b1	M	N	C	L	G	H	Φ1	G1	Z	Y	mm	
																				500V≤	>500V
115	163.5	37	29.5	60	15	M6	131	162	137	147	124	171	107	80	120-102	6.5	106	13.5	44	10	15
1154	200.5	37	29.5	60	15	M6	131	162	137	147	124	171	107	80	120-102	6.5	143	13.5	44	10	15
150	163.5	40	26	57.5	20	M8	131	170	137	150	124	171	107	80	120-102	6.5	106	13.5	44	10	15
1504	200.5	40	25	55.5	20	M8	131	170	137	150	124	171	107	80	120-102	6.5	143	13.5	44	10	15
185	168.5	40	29	59.5	20	M8	130	174	137	154	127	181	113.5	80	120-102	6.5	111	13.5	44	10	15
1854	208.5	40	29	59.5	20	M8	130	174	137	154	127	181	113.5	80	120-102	6.5	151	13.5	44	10	15
225	168.5	48	21	51.5	25	M10	130	197	137	172	127	181	113.5	80	120-102	6.5	111	13.5	44	10	15
2254	208.5	48	17	47.5	25	M10	130	194	137	172	127	181	113.5	80	120-102	6.5	151	20.5	44	10	15
265	201.5	48	39	66.5	25	M10	147	203	145	178	147	213	141	96	120-102	6.5	140	20.5	38	10	15
2654	244.5	48	34	66.5	25	M10	147	203	145	178	147	213	141	96	120-102	6.5	186	20.5	38	10	15
330	213	48	43	74	25	M10	147	206	145	181	158	219	145	96	120-102	6.5	154.5	20.5	38	10	15
3304	261	48	43	74	25	M10	147	206	145	181	158	219	145	96	120-102	6.5	202.5	20.5	38	10	15

CJX2F400\4004\4002\500\5004\5002

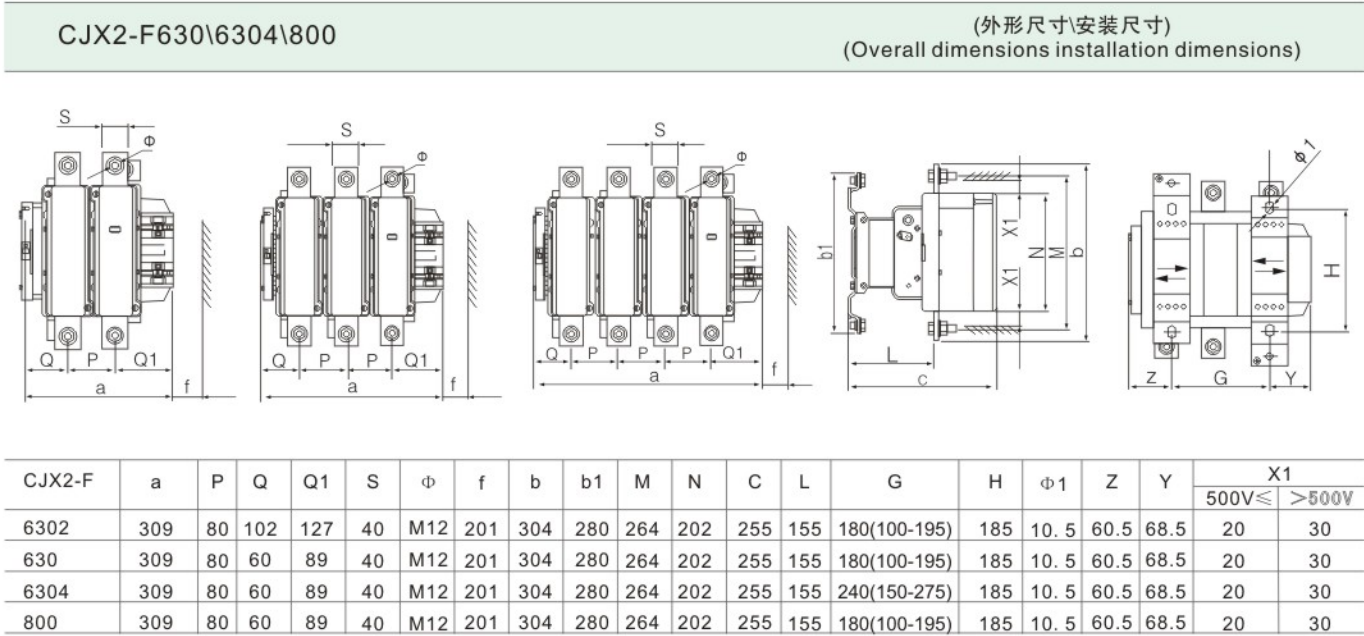
(外形尺寸安装尺寸)
(Overall dimensions installation dimensions)



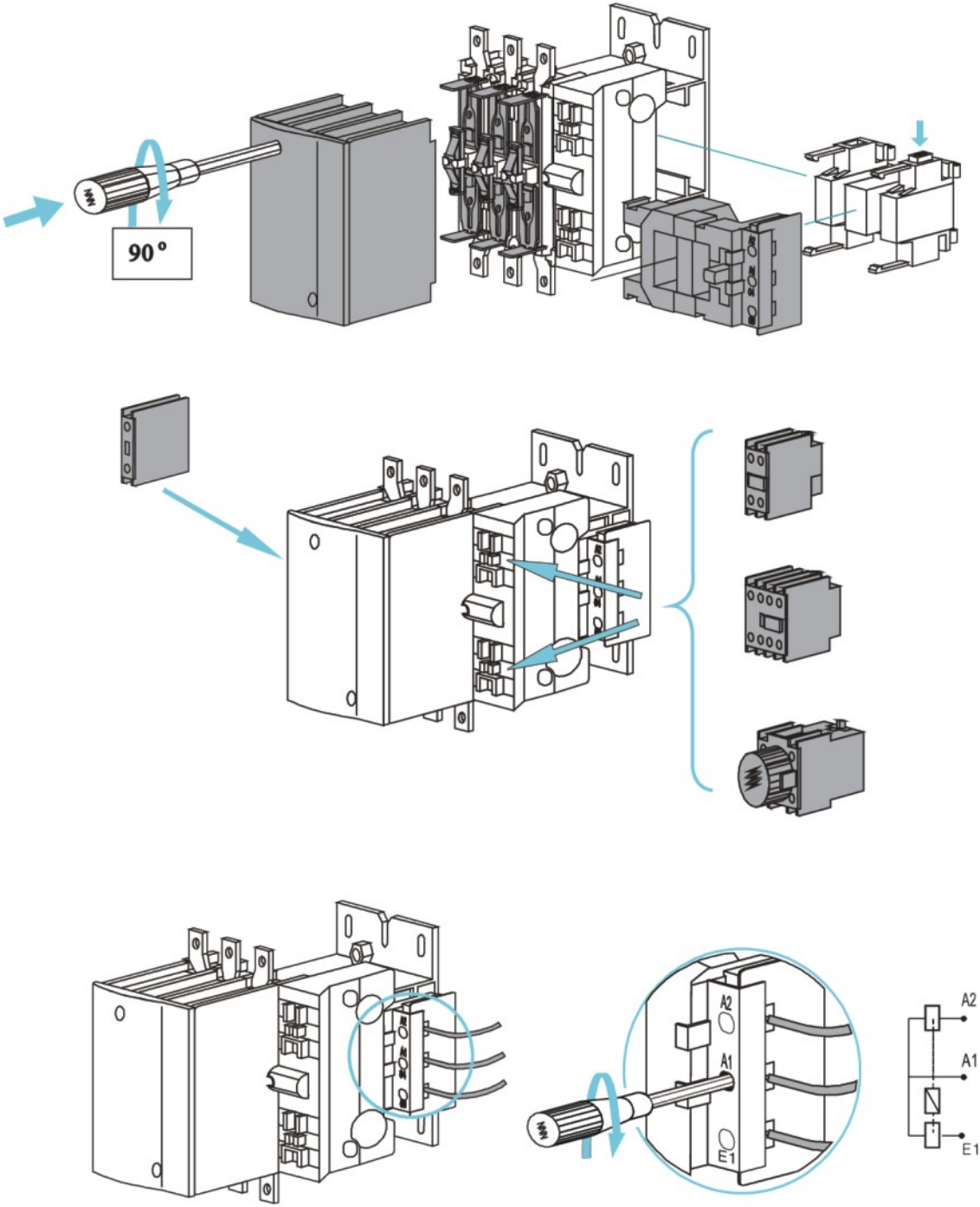
CJX2 F/D/Y	a	P	Q	Q1	S	Φ	f	b	b1	M	N	C	L	G	G1	H	Φ1	Y	mm	
																			500V≤	>500V
4002	213	48	69	96	25	M10	151	206	209	181	158	219	145	80(66-102)	170(156-192)	180	8.5	19.5	15	20
400	213	48	43	74	25	M10	151	206	209	181	158	219	145	80(66-102)	170(156-192)	180	8.5	19.5	15	20
4004	261	48	43	74	25	M10	151	206	209	181	158	219	145	80(66-150)	170(156-240)	180	8.5	67.5	15	20
5002	233	50	76	102	30	M10	169	238	209	208	172	232	146	80(66-120)	170(156-210)	180	8.5	39.5	15	20
500	233	50	46	77	30	M10	169	238	209	208	172	232	146	80(66-120)	170(156-210)	180	8.5	39.5	15	20
5004	288	50	46	77	30	M10	169	238	209	208	172	232	146	140(66-175)	230(156-265)	180	8.5	39.5	15	20

Note: The upper "f" dimension is the minimum distance required to take out the coil, and the "X1" dimension is the arcing distance

尺寸
Dimensions



结构
Scheme



CJX2-D(XLC1-D) 系列交流接触器
CJX2-D(XLC1-D) Series AC Contactor

适用范围 Application

CJX2-D系列交流接触器(以下简称接触器)适用于交流50/60Hz，电压至660V，电流至95A的电路中。供远距离接受与分断电路及频繁启动、控制交流电动机，接触器还可以组装成积木式辅助触头组、空气延时头、机械联锁机构等部件，组成延时接触器、可逆接触器、星三角启动器，并且还可以和热继电器直接插接安装组成电磁启动器。

CJX2-D series AC contactor is suitable for using in the circuits up to the rated voltage 660V AC 50/60Hz, rated current up to 660V, for making, breaking, frequently starting & controlling the AC motor, Combined with the auxiliary contact block, timer delay & machine-interlocking device etc, it becomes the delay contactor mechanical interlocking contactor, star-edlta starter, with the thermal relay, it is combined into the electromagnetic starter.



CJX2-09、12、18
(LC1-D09、12、18)

技术参数 Specifications

型号 type		D09	D12	D18	D25	D32	D40	D50	D65
额定工作电流 Rated working current(A)	AC3	9	12	18	25	32	40	50	65
	AC1	3.5	5	7.7	8.5	12	18.5	24	28
三相鼠参型电动机 AC-3级 AC3 capacity of phase 3 squirrel-cage motor AC3(KW)	220/230V	2.2	3	4	5.5	7.5	11	15	18.5
	380/400V	4	5.5	7.5	11	15	18.5	22	30
	415V	4	5.5	9	11	15	22	25	37
	500V	5.5	7.5	10	15	18.5	22	30	37
	660/690V	5.5	7.5	10	15	18.5	30	33	37
额定发热电流 Rated heat current(A)		20	20	32	40	50	60	80	80
电气寿命 Electrical life	AC3X10 ⁴	100	100	100	100	80	80	60	60
	AC4X10 ⁴	20	20	20	20	20	15	15	15
机械寿命 Mech anical lifeX10 ⁴		100	1000	1000	1000	800	800	800	800
触头型号 Number of the contacts		3P+NO			3P+NO+NC				



CJX2-40、50、65
(LC1-D40、50、65)

技术参数(续) Specifications(Continuance)

D80	D95
80	95
37	44
22	25
37	45
45	45
55	55
45	55
125	125
60	60
10	10
600	600

标准控制回路电压 Standard Control Circuit Voltages

电压 Volts	24	42	48	110	220	230	240
50Hz	B5	D5	E5	F5	M5	P5	U5
60Hz	B6	D6	E6	F6	M6	P6	U6
50/60Hz	B7	D7	E7	F7	M7	P7	U7

电压 Volts	380	400	415	440	500	660
50Hz	Q5	V5	N5	R5	S5	Y5
60Hz	Q6	V6	N6	R6	S6	Y6
50/60Hz	Q7	V7	N7	R7	S7	Y7



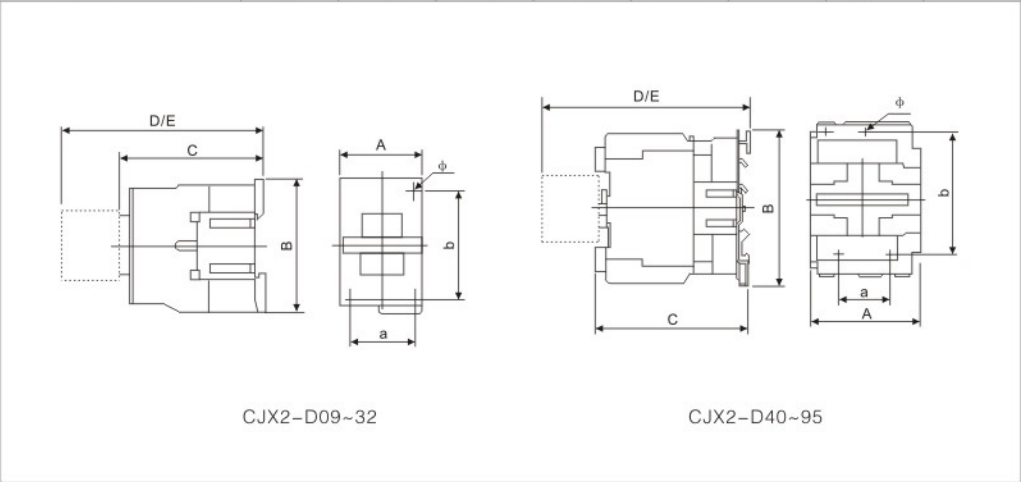
CJX2-80、95
(LC1-D80、95)

CJX2-D(XLC1-D) 系列交流接触器
CJX2-D(XLC1-D) Series AC Contactor

安装与外形尺寸图 Dimension & Mounting Size

用于CJX2-D09-95接触器 for CJX2-D09-95 contactors

型号 type	A	B	C	D	E	a	b	Φ
CJX2-D09/12	47	76	82	11	133	34/35	50/60	4.5
CJX2-D18	47	76	87	118	138	34/35	50/60	4.5
CJX2-D25	57	86	95	126	146	40	48	4.5
CJX2-D32	57	86	100	131	151	40	48	4.5
CJX2-D40/65	77	129	116	145	165	40	100/110	6.5
CJX2-D80/95	87	129	127	175	195	40	100/110	6.5



新型 CJX2-09、12、18
(LC1-D09、12、18)



新型 CJX2-40、50、65
(LC1-D40、50、65)



新型 CJX2-80、95
(LC1-D80、95)



新型 CJX2-40、50、65
(LC1-D40、50、65)



新型 CJX2-09、12、18
(LC1-D09、12、18)

CJX2-D(XLC1-D) 系列交流接触器
CJX2-D(XLC1-D) Series AC Contactor

接触器及其它辅助模块 Characteristic

接触器 Contactor	辅助模块 Auxiliary Blocks	相关产品 Relative products
	 延时定时器 Delay timer	 延时接触器 Time-delay contactor
	 机械联锁 Mechanical interlock	 换向接触器 Reversing contactor
	 热继电器 Thermal relay	 磁力起动器 Magnetic starter
	 限流辅助块 Current-limited auxiliary block	 切换电容器接触器 Changover capacitor contactor
	 时间继电器 Delay timer	 辅助块 Auxiliary block
 星形三角起动器 Star-delta starter		

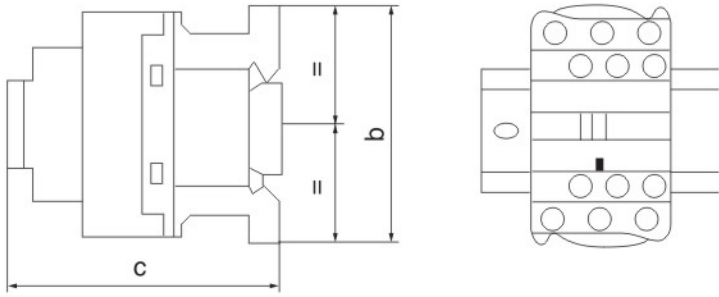
CJX2-D(XLC1-D) 系列交流接触器
CJX2-D(XLC1-D) Series AC Contactor

特征 Characteristic

接触器及其它辅助模块 Contactor and other auxiliary blocks.

辅助模块 Contactor	辅助块 Auxiliary Blocks	相关产品 Relative Products
	 延时定时器 Delay timer	 延时接触器 Time-delay contactor
	 热继电器 Thermal relay	 磁力起动器 Magnetic starter
	 辅助块 Auxiliary block	 交流接触器 AC Contactor

外形及安装尺寸 utline and Mounting Dimension



型号 type	09	12	18	25	32	38	40	50	65	80	95
b	76.6	76.6	76.6	76.6	76.6	76.6	127	127	127	127	127
c	87	87	87	94	94	94	116	116	116	123.8	123.8

CJX2-N(LC1-N) 机械联锁接触器
CJX2-N(LC1-N) Mechanical Interlocking Contactor



适用范围 Application

CJX2-N机械联锁接触器适合使用在电路的额定电压660V、额定频率50/60Hz、电流620A，可控制电动机。这种机械联锁装置确保接触转换的两个可转换接触器。符合IEC60947-4-1。

CJX2-N mechanical interlocking contactor is suitable for using in the circuits up to the rated voltage 660V AC 50/60Hz, current 620A, for convertible controlling the motor. This mechanical interlocking device ensures contact changeover of the two convertible contactors. It conforms to IEC60947-4-1.

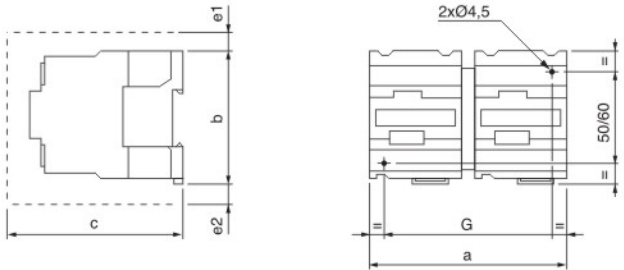
主要技术参数 Main technical parameters

型号 Type	额定电流 Rated current AC-3(A)	控制电源 Controlled power (kW)				
		220V	380V	415V	440V	660V
CJX2-09N	9	2.2	4	4	4	5.5
CJX2-12N	12	5.5	5.5	5.5	5.5	7.5
CJX2-18N	18	7.5	7.5	9	9	10
CJX2-25N	25	5.5	11	11	11	15
CJX2-32N	32	7.5	15	15	15	18.5
CJX2-40N	40	18.5	18.5	22	22	30
CJX2-50N	50	15	22	25	30	33
CJX2-65N	63	18.5	30	37	37	37
CJX2-80N	80	22	37	45	45	45
CJX2-95N	95	22	45	45	45	41
CJX2-115N	115	30	55	59	59	80
CJX2-150N	150	40	75	80	80	100
CJX2-170N	170	55	90	100	100	110
CJX2-205N	205	63	110	110	110	129
CJX2-245N	245	75	132	132	132	160
CJX2-300N	300	100	160	200	200	220
CJX2-410N	410	110	220	250	250	280
CJX2-475N	475	147	265	280	280	355
CJX2-620N	620	200	335	400	400	450

型号 Type	极数 Number of poles	额定电流 Rated current AC-3(A)	额定电流 Rated current In/A	控制电源 Controlled power (kW)	
				220V	380V
CJX2-F115N	3P	115	250	200	55
CJX2-F1154N	4P	115	250	200	55
CJX2-F150N	3P	150	355	250	75
CJX2-F1504N	4P	150	355	250	75
CJX2-F185N	3P	185	425	275	90
CJX2-F1854N	4P	185	425	275	90
CJX2-F225N	3P	225	500	315	110
CJX2-F2254N	4P	225	500	315	110
CJX2-F265N	3P	265	630	350	132
CJX2-F2654N	4P	265	630	350	132
CJX2-F330N	3P	330	800	400	160
CJX2-F3304N	4P	330	800	400	160
CJX2-F400N	3P	400	800	500	200
CJX2-F4004N	4P	400	800	500	200
CJX2-F500N	3P	500	1000	700	250
CJX2-F5004N	4P	500	1000	700	250
CJX2-F630N	3P	630	1250	1000	335
CJX2-F6304N	4P	630	1250	1000	335
CJX2-F800N	3P	800	1250	1000	400

CJX2-N(LC1-N) 机械联锁接触器
CJX2-N(LC1-N) Mechanical Interlocking Contactor

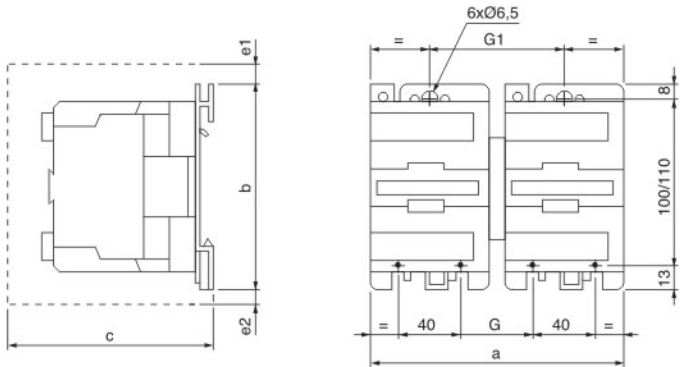
外形及安装尺寸 Installation dimensions



CJX2-09N~38N

CJX2-N	a	b	c	e1(3P)	e2(4P)	G
09N, 12N	105	74	84	7	6	95
18N	106	74	92	8	-	95
25N	127	84	99	8	7	111
32N, 38N	127	84	117	10	-	111

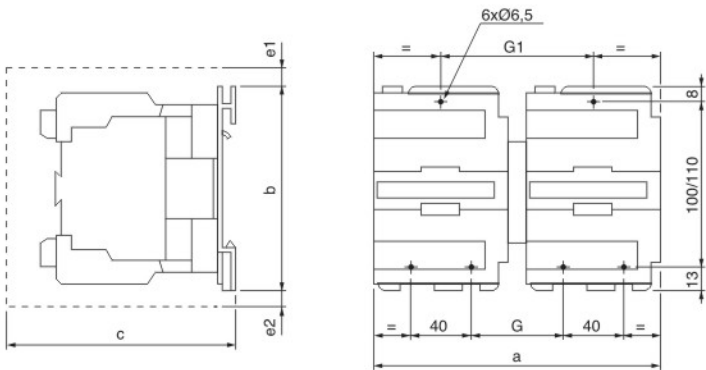
c, e1 and e2 including cabling



CJX2-40N~65N

CJX2-N(3-pole)	a	b	c	e1	GG	1
40N, 50N, 55N	165	127	142	5	50	90
CJX2-N(4-pole)	a	b	c	e2	GG	1
40N, 65N	182	127	133	11	57	97

c, e1 and e2 including cabling



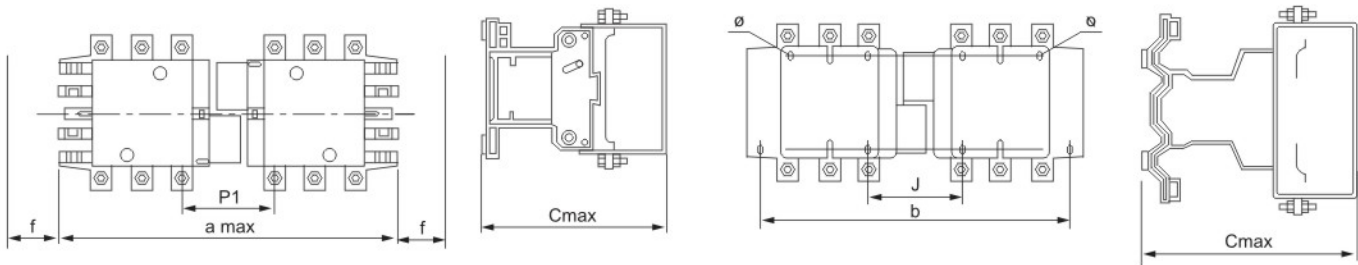
CJX2-80N~95N

CJX2-N(3-pole)	a	b	c	e1	GG	1
80N, 95N	182	127	158	13	57	90
CJX2-N(4-pole)	a	b	c	e2	GG	1
80N	207	127	158	20	71	11

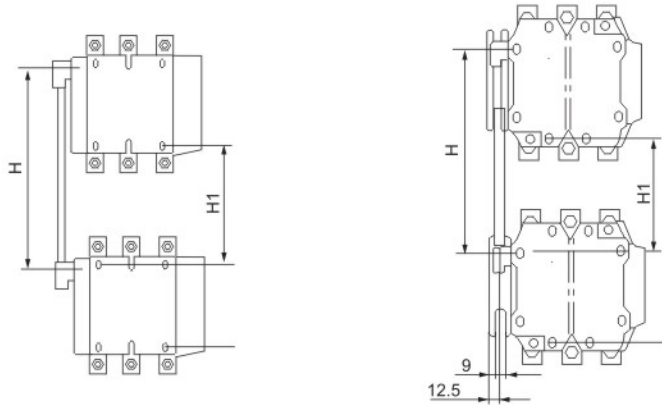
c, e1 and e2 including cabling

CJX2-N(LC1-N) 机械联锁接触器
CJX2-N(LC1-N) Mechanical Interlocking Contactor

外形及安装尺寸 Installation dimensions



型号 Type	最大 Amax	J	P1	f	b	Ø	最大 Cmax
CJX2-F115N	350	71	77	131	330	6.5	182
CJX2-F1154N	425	105	77	131	370	6.5	182
CJX2-F150N	350	71	71	131	330	6.5	182
CJX2-F1504N	425	105	71	131	370	6.5	182
CJX2-F185N	350	78	71	130	330	6.5	193
CJX2-F1854N	430	114	71	130	370	6.5	193
CJX2-F225N	350	78	55	130	330	6.5	193
CJX2-F2254N	430	118	54	130	370	6.5	193
CJX2-F265N	450	109	96	147	428	6.5	225
CJX2-F2654N	546	157	100	147	485	6.5	225
CJX2-F330N	450	124	112	147	428	6.5	232.5
CJX2-F3304N	546	166	107	147	485	6.5	232.5
CJX2-F400N	485	157	110	146	460	8.5	232.5
CJX2-F4004N	485	157	107	146	485	8.5	232.5
CJX2-F500N	485	156	115	150	460	8.5	245.5
CJX2-F630N	650	139	140	181	625	10.5	268.5
CJX2-F6304N	810	139	137	181	785	10.5	268.5



a.NC2-115Nc~225Nc

b.NC2-265Nc~630Nc

型号 Type	H	H	H	H
	最小 Min	最大 Max	最小 Min	最大 Max
CJX2-F115N, CJX2-F150N	200	310	80	190
CJX2-F185N, CJX2-F225N	220	310	100	190
CJX2-F265N	250	380	130	260
CJX2-F330N	260	380	60	200
CJX2-F400N	280	380	100	200
CJX2-F500N	300	380	120	200
CJX2-F630N	380	380	200	200

CJX2-D系列交流接触器 115至620A
CJX2-D Series AC contactor from 115 to 620A

特性
Characteristics

产品
Product picture



CJX2-D115



CJX2-D245

产品型号 Type of product		CJX2-D115	CJX2-D150	CJX2-D170	CJX2-D205	CJX2-D245
额定断电流Rated current Ac3 Ue≤440V		115	150	170	205	245
额定发热电流Rated heating current AC10≤40°		200	250	250	275	315
额定功率Rated power Ac3 3相电机Three-phase motor 0≤40°	220/240V	30	40	55	63	75
	380/400V	55	75	90	110	132
	400V	59	80	100	110	132
	500V	75	90	110	120	160
	600/690V	80	100	110	129	160
	1000V	75	90	100	100	147
额定功率Rated power Ac3 3相电机Three-phase motor 0<40°	200/230V	9	11	22	25	30
	380/400V	18.5	22	40	45	55
	440V	18.5	22	45	51	63
	500V	30	37	51	59	75
重量Weight		2.25	2.25	2.25	4.6	4.7
体积Volume L×W×H		132×120×158	132×120×158	132×120×158	168.5×174×181	168.5×197×181
电源连接导线截面 ection of power connecting wire		120	120	120	150 2□25×3	185 2□25×4
安装Installment 螺钉Bolt H×L-Φ 导轨 导轨数×轨宽×轨中心距 Guiding rail Number of guiding rail×width of rail ×Rail center distance		130×(95-110)-6.5 2×35×100	130×(95-110)-6.5 2×35×100	130×(95-110)-6.5 2×35×100	(106-120)-80-6.5	(106-120)×96-6.5
参考型号Reference model		LC1-D115	LC1-D150	LC1-D170	LC1-D205	LC1-D245
控制Control 电路Circuit 电压Voltage	AC 50Hz	V 24(B5)	42(D5) 48(E5)	110(F5)	220(M5) 240(U5)	380(Q5)
	AC 60Hz	V 24(B6)	42(D6) 48(E6)	110(F6)	220(M6) 240(U6)	380(Q6)
	AC 50/60Hz	V 24(B7)	42(D7) 48(E7)	110(F7)	220(M7) 240(U7)	380(Q7)
	DDC	V 24(BD)	48(ED) 60(ND)	72(SD)	110(FD) 125(GD)	220(MD)

辅助触头组(推荐使用) Auxiliary contactor block (Recommend to use)	辅助瞬时触头组 一触头 Auxiliary instantane- ous contactor block,contactor I	1 - - 1	辅助瞬时触头组 二触头 Auxiliary instantane- ous contactor block,contactor II	1 1 2 0 0 2	辅助瞬时触头组四触头 Auxiliary instantaneous contactor block,contactor IV LA1-DN40C LA1-DN32C LA1-DN22C LA1-DN13C LA1-DN04C	2 2 2 2 2 2 2 2 2 2
	LA1-DN10C LA1-DN01C		LA1-DN11C LA1-DN20C LA1-DN02C			

CJX2-D系列交流接触器 750至1800A
CJX2-D Series AC contactor from 750 to 1800A

特 性
Characteristics

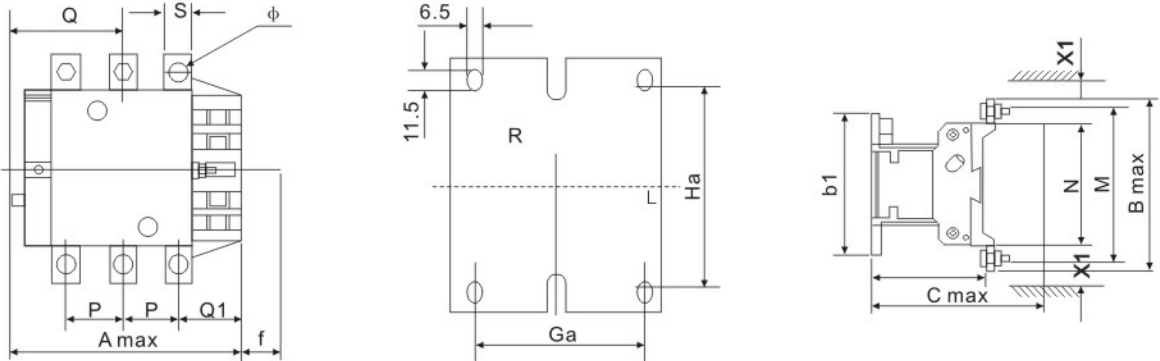
产品 Product picture		  CJX2-D410CJX2-D620			
产品型号 Type of product		CJX2-D300	CJX2-D410	CJX2-D475	CJX2-D620
额定断电流Rated current Ac3 Ue≤440V		300	410	475	620
额定发热电流Rated heating current AC10≤40°		400	500	700	1000
额定功率Rated power Ac3 3相电机Three-phase motor 0≤40°	220/240V	100	110	147	200
	380/400V	160	220	265	335
	400V	200	250	280	400
	500V	200	250	335	400
	600/690V	220	280	335	450
	1000V	160	185	335	450
额定功率Rated power Ac3 3相电机Three-phase motor 0≤40°	200/230V	37	40	45	55
	380/400V	63	75	80	100
	440V	75	80	100	110
	500V	80	90	110	132
重量Weight		8.2	8.5	10.8	17.4
体积Volume L×W×H 		213×206×219	213×206×219	232×238×233	309×304×255
电源连接导线截面 ection of power connecting wire		240 2□25×5	2×150 2□30×5	2×200 2□40×5	2□40×8/2□60×5
安装Installment 螺钉Bolt H×L-Φ 导轨 导轨数×轨宽×轨中心距 Guiding rail Number of guiding rail×width of rail ×Rail center distance		(106-120)×96-6.5	180×80(66-102)-8.5	180×80(66-102)-8.5	180×180(100-195)-10.5
参考型号Reference model		LC1-D300	LC1-D410	LC1-D475	LC1-D620
控制Control 电路Circuit 电压Voltage	AC 50Hz	V	400(V5) 440(R5) 500(S5) 660(Y5)		
	AC 60Hz	V	440(R6)		
	AC 50/60Hz	V	400(V7) 440(R7)		
	DDC	V	250(UD) 440(RD)		
辅助触头组(推荐使用) Auxiliary contactor block (Recommend to use)		时间延时辅助触头组吸合延时 Time delay auxiliary contactor block making and delay  S 0.1...3S 0.1...30S 10...180S 1...30S LA2-DT0 LA2-DT2 LA2-DT4 LA2-DS2 1 1 1 1 1 1 1 1 时间延时辅助触头组释放延时 Time delay auxiliary contactor block releasing and delay  S 0.1...3S 0.1...30S 10...180S LA3-DT0 LA3-DT2 LA3-DT4			

CJX2-D系列交流接触器 750至1800A
CJX2-D Series AC contactor from 750 to 1800A

安装与外形尺寸图 Dimension & Mounting Size

用于CJX2-D115-620接触器 for CJX2-D115-620 contactors

型号 type	A	B	C	b1	P	Q	S	Q1	M	N	L	Φ	Ga	Ha
CJX2-D115	158	120	132	158	35	60	17	25	134	96.2	75	M6		
CJX2-D150	158	120	132	158	35	60	17	25	134	96.2	75	M6		
CJX2-D170	158	120	132	158	35	60	17	25	134	96.2	75	M6		120-106
CJX2-D205	168.5	174	181	137	40	69	20	59.4	154	127	113.5	M8	80	120-106
CJX2-D245	168.5	197	181	137	48	69	25	51.5	172	127	113.5	M10	80	120-106
CJX2-D300	213	206	219	145	48	91	25	74	181	158	145	M10	80	120-106
CJX2-D410	213	206	219	209	48	91	25	74	181	158	146	M10	80	120-106
CJX2-D475	233	238	232	209	55	108	30	77	208	172	145	M10	80	180
CJX2-D620	309	304	255	280	80	140	40	89	264	202	155	M12	80	180



CJX2-R系列交流接触器 150至3200A
CJX2-R Series AC contactor from 150 to 3200A

应用
Application

适用于交流50/60Hz，电压至1000伏，电流至3200安电路中，控制电阻、无感、微感电器，配电电路

In circuit of AC 50/60Hz,vlotage up to 1000V,current up to 3200A,controlling resisance,non inductive, slightly inductive loads,distribution circuit.



额定工作电流A Rated operational current A	Ie Ac1 (Ue 380V)	150	250	350	450	550	700
约定发热电流A Conventional thermal current A	Ith θ =40℃ (Ue 380V)	150	250	350	450	550	700
额定工作电压 V Rated operational voltage(Ue)max	max	1140	1140	1140	1140	1140	1140
极数 Number of contacts(N/O)		2、3	2、3	2、3、4	2、3、4	2、3、4	2、3、4
最大工作功率kW Ac1 类别50Hz 三相 θ ≤40℃ Maximum operating power KW 3-phases θ ≤40℃ Ac1 50Hz	220/240V	50	80	120	150	190	240
	380/400V	85	140	210	260	330	420
	440V	100	160	230	300	360	470
	500V	110	175	270	330	410	520
	660/690V	145	240	370	450	570	685
	1000V	220	355	540	650	810	1035
	1140V	250	400	610	720	950	1180
熔断器(SCPD) “2”型协调配合 Short-circuit protaction by fuse Type “2”	型号 Model	170M4138	170M4140	170M4143	170M4144	170M4146	RSG-3
	规格 Specs	160	250	400	450	550	1100
选配辅助模块 Optional parts	瞬时触点: ZTCF3、延时触点: ZTCST、ZTC SR 、防尘防潮: LADX Instantaneous auxiliary contact: ZTCF3、 Time delay auxiliary contact: ZTCST、ZTC SR Protection from dust/moist : LADX						
接触器型号 Contactor		ZZC5 150	ZZC5 250	ZZC5 350	ZZC5 450	ZZC5 550	ZZC5 700
重量(Kg) Weight(Kg)		2.25		3.7	4.7	8.5	8.9
商品编号 Serial number	三极 3-pole						0141
	二极 3-pole						0146

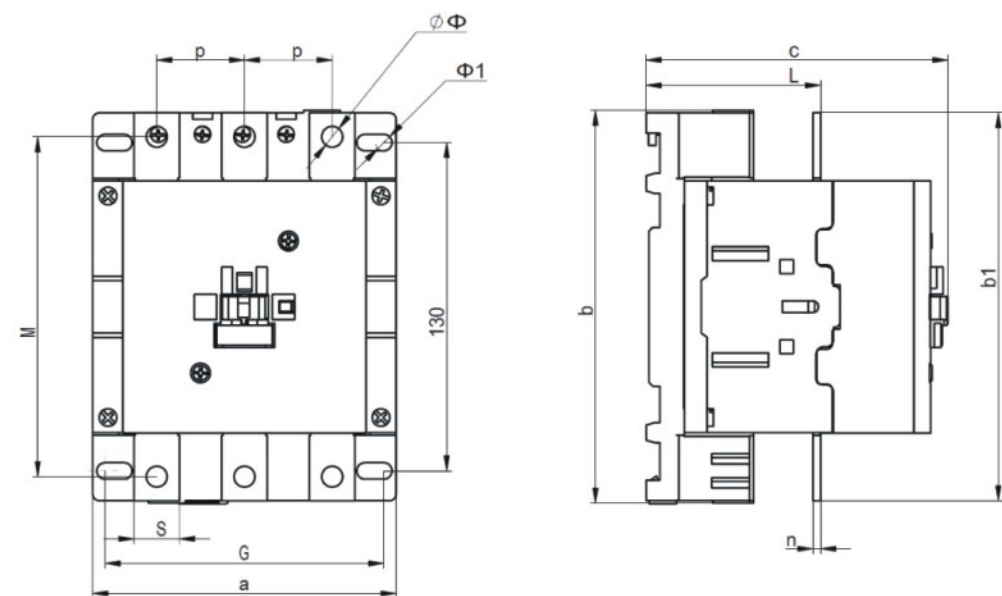
CJX2-R系列交流接触器 150至3200A
CJX2-R Series AC contactor from 150 to 3200A



850	1050	1300	1450	1700	2100	2600	3200
850	1050	1300	1450	1700	2100	2600	3200
1140	1140	1140	1140	1140	1140	1140	1140
2、3、4	2、3、4	2、3、4	2、3	2、3	2、3	2、3	2、3
295	360	450	500	585	730	870	1090
510	630	780	870	1000	1250	1500	1890
570	700	870	980	1150	1400	1690	2120
630	780	960	1080	1250	1550	1860	2350
830	1030	1270	1430	1650	2050	2460	3100
1260	1550	1920	2150	2500	3100	3720	4690
1420	1760	2180	2450	2860	3530	4370	5360
RSG-3	RSG-3	RSG-3	RSG-3	RSG-5	RSG-5	RSG-6	RSG-6
1100	1100	1500	1500	2000	2300	2800	3800

ZZC5 850	ZZC5 1050	ZZC5 1300	ZZC5 1450	ZZC5 1700	ZZC5 2100	ZZC5 2600T	ZZC5 3200
11.7	17.3	18.6	26.7	27.7	28.7	32.2	51
0142	0143	0144	0127	0128	0129	0130	0131
0147	0148	0149	0135	0136	0137	0138	0139

CJX2-150R~250R 外形与安装尺寸

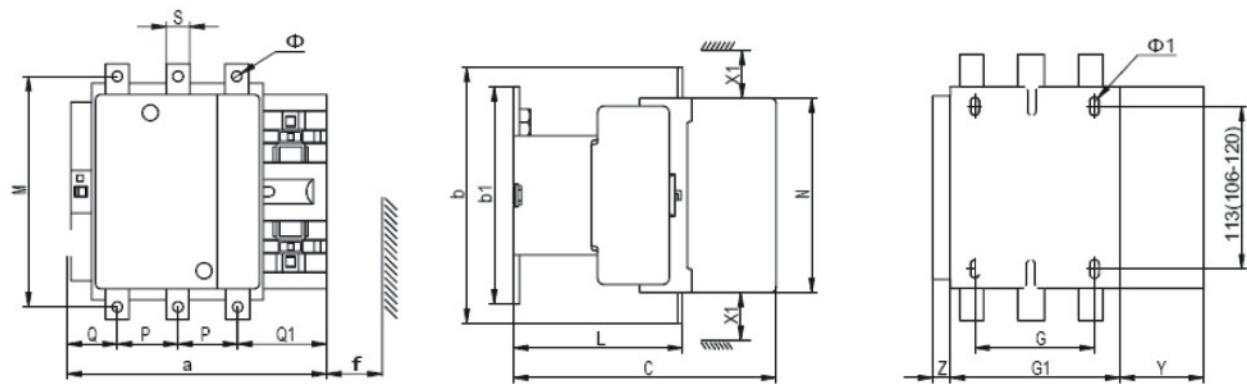


单位: mm

CJX2	a	p	S	Φ	b	b1	M	c	L	n	G	$\Phi 1$
150R~250R	120	35	18	8.5	156	154	135	119	69	3	96/110	6.5

注: 未注公差按±1mm

CJX2-320R~500R 外形与安装尺寸



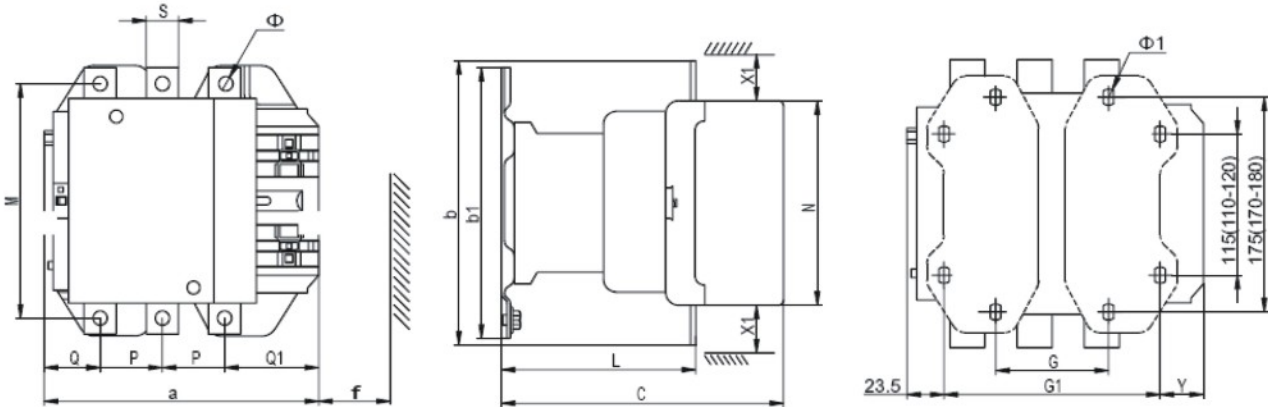
单位: mm

CJX2	a	p	Q1	S	Φ	f	b	b1	M	N	c	L	n	G	$\Phi 1$	G1	Y	X1	
																		≤500V	>500 V
320R	163.5	40	56	20	9	131	170	137	150	124	171	107	3	80	6.5	106	44	10	15
375R	168.5	48	51.5	25	11	130	197	137	172	127	181	113.5	3	80	6.5	111	44	10	15
400R	201.5	48	67	25	11	147	203	145	178	147	213	141	4	96	6.5	140	38	10	15
500R	201.5	48	67	25	11	147	203	145	178	147	213	141	4	96	6.5	140	38	10	15

注: 1、f为更换线圈所需空间, X1为最小电气间隙(飞弧距离), 以下相同。

2、P、Q1、S、 Φ 、M、L、G、 $\Phi 1$ 、Y、n公差为±1; 其余尺寸公差为±5。

CJX2-670R~750R 外形与安装尺寸



单位: mm

CJX2	a	p	Q1	S	Φ	f	b	b1	M	N	c	L	n	G	G1	$\Phi 1$	Y	X1	
																		≤500V	>500 V
670R	213	48	74	25	11	151	206	209	181	158	219	145	4	80(66-102)	170(156-192)	8.5	19.5	15	20
750R	233	55	77	30	11	169	238	209	208	172	232	146	5	80(66-120)	170(156-210)	8.5	39.5	15	20

注: f为更换线圈所需空间, X1为最小电气间隙(飞弧距离), 以下相同。

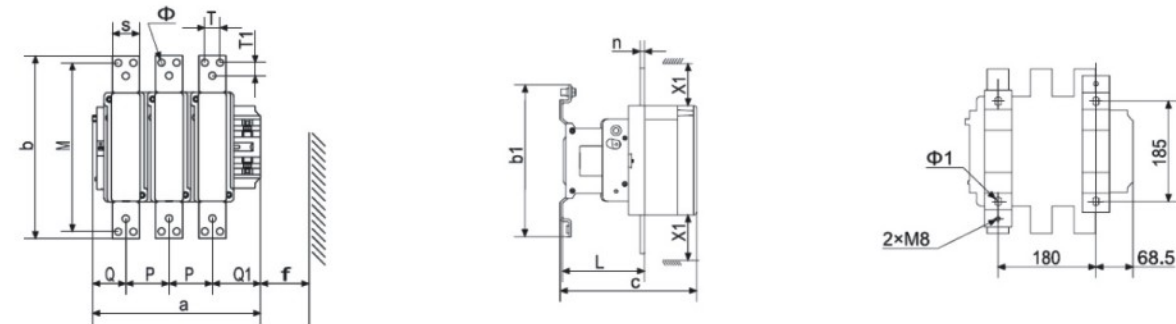
P、Q1、S、 Φ 、M、L、G、 $\Phi 1$ 、Y、n公差为±1; 其余尺寸公差为±5。

安装方式

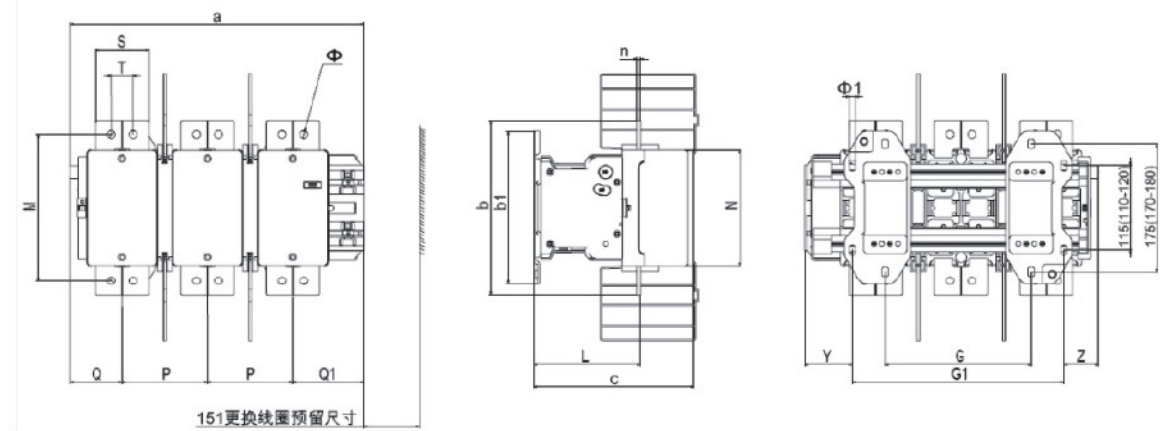
螺钉安装, 安装时螺母必须固定。

CJX2-R系列交流接触器 150至3200A
CJX2-R Series AC contactor from 150 to 3200A

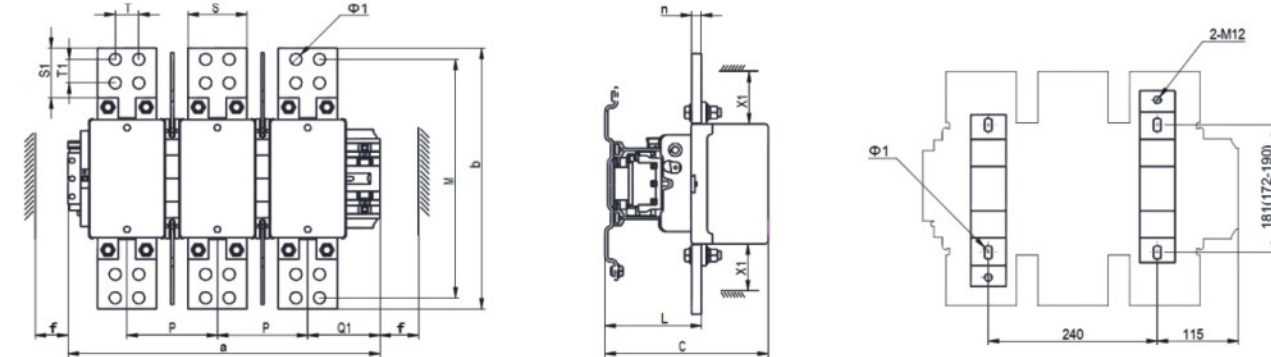
产品外形与安装尺寸
CJX2-1250 系列外形与安装尺寸



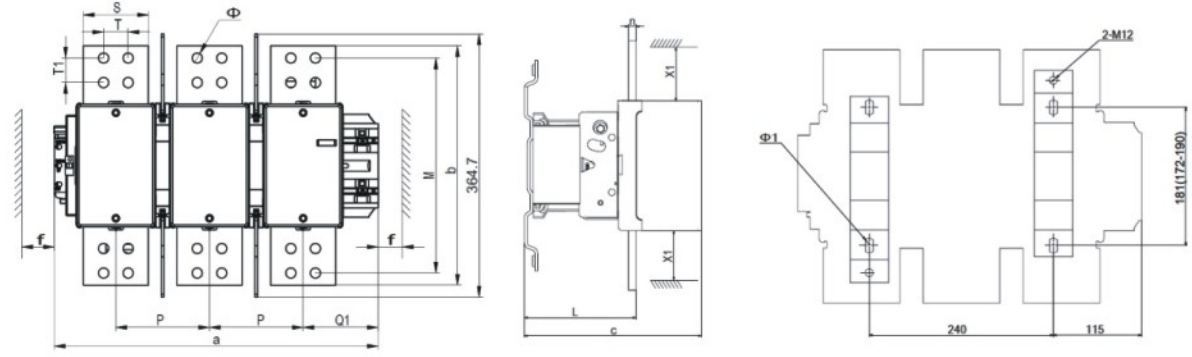
CJX2-1350 外形与安装尺寸



CJX2-1450~2100 外形与安装尺寸
CJX2-1450~1700 常规型 (默认)

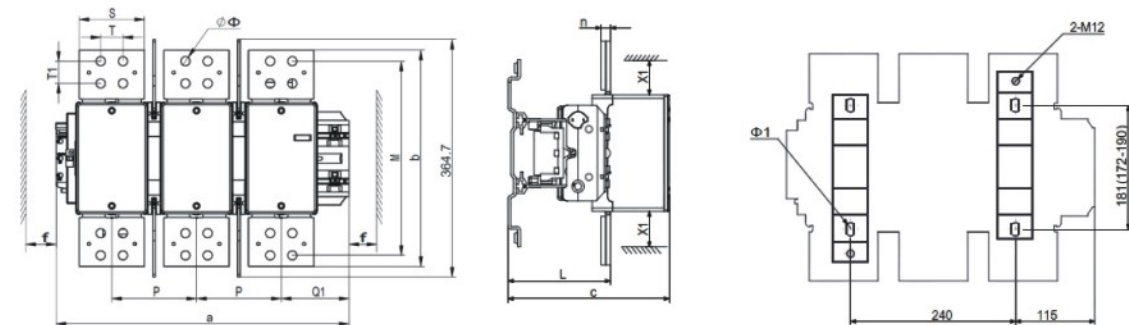


CJX2-2100 常规型 (默认)

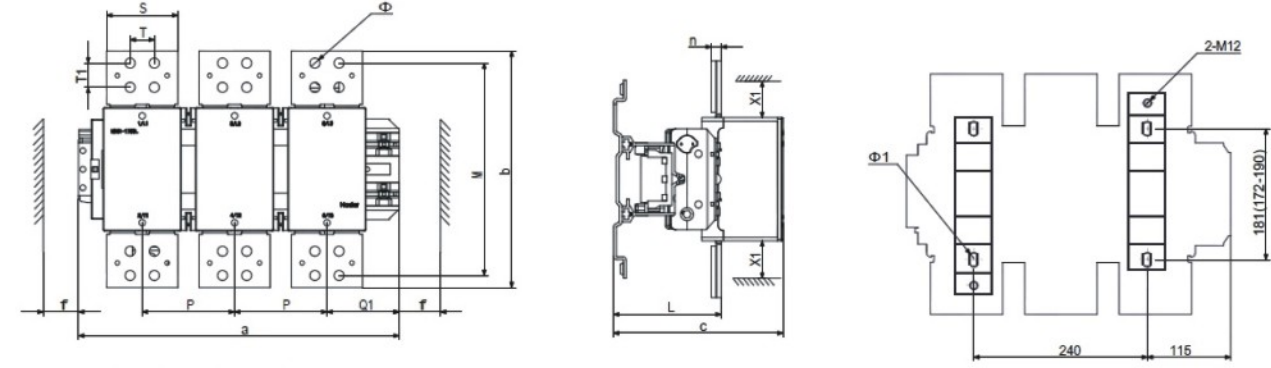


CJX2-R系列交流接触器 150至3200A
CJX2-R Series AC contactor from 150 to 3200A

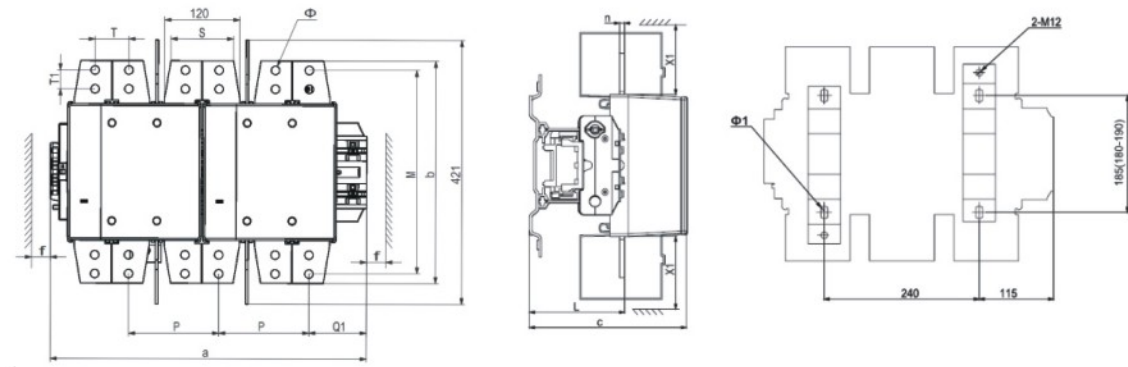
CJX2-1450L~2100 L 型



CJX2-2300 型



CJX2-2650 外形与安装尺寸



外形尺寸表

CJX2	a	b	b1	c	L	n	p	Q1	M	Φ	$\Phi 1$	S	S1	T	T1	f	X1	
																	≤500V	>500V
1250	309	338	280	251	155	10	80	89	312	13	10.5	50	/	28	24	151	20	30
1350	402.3	237.4	208.5	219	146	5	117	97.3	200	11	8.5	73	/	30	/	151	90	100
1450	448	378	244	238	140	12	130.5	104	344	13.5	10.5	100	69	34	34	170		
1700	448	376	244	238	140	14	130.5	104	344	13.5	10.5	100	70	34	34	170		
2100	448	332	244	238	140	10	130.5	104	344	13.5	10.5	90	/	34	34	170		
1450L	448	332	244	238	151	14	130.5	104	298	13.5	10.5	100	/	34	34	170		
1700L	448	332	244	238	151	14	130.5	104	298	13.5	10.5	100	/	34	34	170		
2100L	448	332	244	238	151	14	130.5	104	298	13.5	10.5	100	/	34	34	170		
2300	448	332	244	238	151	14	130.5	104	298	13.5	10.5	100	/	34	34	170		
2650	507	354	254.5	250	150	8	144	92	324	13.5	10.5	100	/	54	30	200		

注: f: 取出线圈的最小距离; X1: 最小电气间隙 (飞弧距离)
以上外形及安装尺寸均为设计尺寸, 实物 L, n, P, Q1, M, Φ , $\Phi 1$, S, S1, T, T1 公差为 ± 1 , 其余尺寸公差为 ± 5 。

CJX2-R系列交流接触器 150至3200A
CJX2-R Series AC contactor from 150 to 3200A

特 性
Characteristics

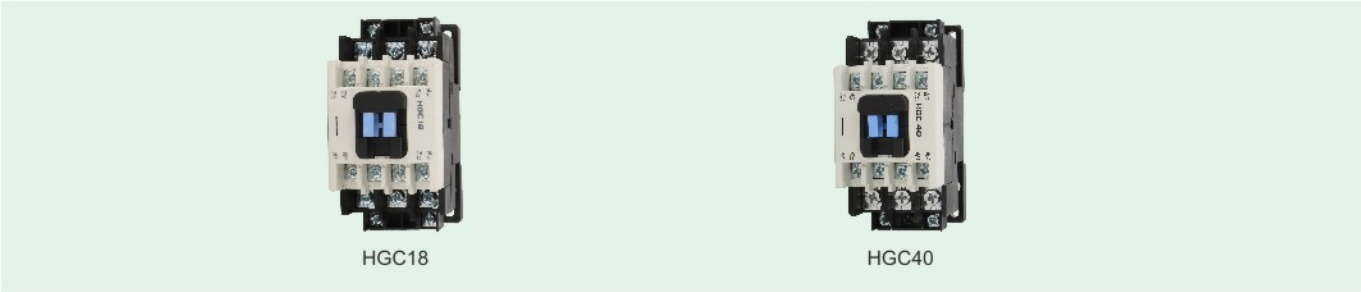
型 号 Model 主触点特性 pole characteristics			CJX2-150R	CJX2-250R	CJX2-350R	CJX2-450R	CJX2-550R	CJX2-700R
额定工作电流 (Ie) (Ue≤400V) Rated operational current A Ie (Ue≤400V)	Ac1	A	250	250	350	450	550	700
额定工作电压 (Ue) Rated operational voltage(Ue)	最大为 Max	V	1140	1140	1140	1140	1140	1140
频率限制 Frequency limits	工作电流下的频率 of the operational current	Hz	16-200	16-200	16-200	16-200	16-200	16-200
约定发热电流 Conventional thermal current	θ ≤40℃	A	150	250	350	450	550	700
接通能力 Making capacity	I rms符合GB14048.4 I rms Conforming GB14048.4	A	225	375	525	675	825	1050
通断能力 Breaking capacity		A	接通分断电流：1.5 × 1(AC-1)					
短时耐受电流 从冷态开始, θ ≤40℃ Short time rating From cold state, θ ≤40℃	10秒 10Secs	A	1500	2100	2700	3300	4200	
	30秒 30Secs	A	1200	1680	2160	2640	3360	
	1分钟 1Min	A	750	1050	1350	1650	2100	
	3分钟 3Min	A	600	840	1080	1320	1680	
	10分钟 10Min	A	500	700	900	1100	1260	
每极并联触头数 Number of parallel contacts per pole			1	1	1	1	1	
每极平均阻抗 Average impedance per pole		mΩ	0.35	0.3	0.25	0.2	0.17	
额定工作电流下的每极平均功耗 Power dissipation per pole for the above operational current	AC1(Ue≤400V)	W	22	37	51	61	85	
接线端可配导线 Cabling	铜排数量 Number of bars		1	1	2	2	2	
	铜排尺寸 Dimensions of bars	mm ²	120	185	150	185	50 × 5	
接线螺栓直径 Bolt diameter	数量-Φ Number-Φ	mm	1-8	1-8	1-10	1-10	1-10	
螺栓紧固扭矩 Tightening torque	电路连接	N.m	18	18	35	35	35	

CJX2-R系列交流接触器 150至3200A
CJX2-R Series AC contactor from 150 to 3200A

特 性
Characteristics

CJX2-850R	CJX2-1050R	CJX2-1300R	CJX2-1450R	CJX2-1700R	CJX2-2100R	CJX2-2600R	CJX2-3200R
850	1050	1300	1450	1700	2100	2600	3200
1140	1140	1140	1140	1140	1140	1140	1140
16-200	16-200	16-200	16-200	16-200	16-200	16-200	16-200
850	1050	1300	1450	1700	2100	2600	3200
1275	1575	1950	2175	2550	3150	3900	4800
5100	6300	7800	9000	10000	11500	13000	14800
4080	5040	6240	6800	7500	8500	9950	11000
2550	3150	3900	4900	5500	6400	7700	8950
2040	2520	3120	3700	4200	4800	5800	6900
1530	1890	2340	2700	3000	3600	4260	5100
1	1	1	2	2	2	2	3
0.14	0.12	0.096	0.083	0.071	0.057	0.046	0.037
100	120	150	175	205	250	310	380
2	2	2	2	3	4	3	3
60 × 5	80 × 5	100 × 5	100 × 5	100 × 5	100 × 5	100 × 10	100 × 10
1-12	3-12	3-12	4-12	4-12	4-12	4-12	4-12
58	58	58	58	58	58	58	58

HGC 系列交流/直流接触器
HGC Series AC/DC contactor



型号 Model				HGC9	HGC12	HGC18	HGC25	HGC32	HGC40	
IEC 60947-4	额定绝缘电压 Rated Insulation Voltage [Ui]			V	750	750	750	750	750	
	额定工作电压 Rated Operational Voltage [Ue]			V	690	690	690	690	690	
	额定冲击耐受电压 Rated Impulse Withstand Voltage [Uimp]			kV	6	6	6	6	6	
	额定热电流 Rated Thermal Current [Ith] (Ac1)			A	25	25	40	45	60	
	AC3	200 - 240 V		kW/A	2.5/9	3.5/12	4.5/18	5.5/25	7.5/32	11/40
		380 - 440 V			4/9	5.5/12	7.5/18	11/25	15/32	18.5/40
		500 - 550 V			4/7	7.5/12	8.5/13	15/22	18.5/28	22/32
		660 - 690 V			4/6	7.5/9	7.5/9	15/17	18.5/20	22/23
		1,000 V			-	-	-	-	-	-
	Lifetime	Electrical	10,000 Times	250	250	250	250	200	200	
		Mechanical		1,500	1,500	1,500	1,500	1,500	1,500	
AC4	200 - 240 V		kW/A	1.5/8	2.2/11	3.7/16	3.7/18	4.5/22	5.5/25	
	380 - 440 V			2.2/6	4/9	4/11	5.5/13	7.5/17	11/24	
	电气寿命 Electrical Lifetime		10,000 Times	3	3	3	3	3	3	
安装方法 Mounting Method				Screw & DIN-Rail			Screw & DIN-Rail			
Contacts	Main	AC		1NO1NC or 2NO2NC			1NO1NC or 2NO2NC			
		DC		1NO1NC or 2NO2NC			1NO1NC or 2NO2NC			
	Auxilliary	AC		2NO2NC			2NO2NC			
		DC		2NO2NC			2NO2NC			
Dimensions	AC	W x H x D	mm	45 x 94.2 x 91.1			45 x 99.6 x 96.6			
	DC			45 x 94.2 x 124			45 x 99.6 x 129.5			

型号 Model				HGC50	HGC65	HGC75	HGC85	HGC100	
IEC 60947	额定绝缘电压 Rated Insulation Voltage [Ui]		V	1,000	1,000	1,000	1,000	1,000	
	额定工作电压 Rated Operational Voltage [Ue]		V	690	690	690	690	690	
	额定冲击耐受电压 Rated Impulse Withstand Voltage [Uimp]		kV	8	8	8	8	8	
	额定热电流 Rated Thermal Current [Ith] (Ac1)		A	70	85	115	125	145	
	AC3	200 - 240 V		kW/A	15/50	18.5/65	22/75	25/85	30/100
		380 - 440 V			22/50	30/65	37/75	45/85	55/100
		500 - 550 V			30/43	33/60	37/64	50/75	55/85
		660 - 690 V			30/28	33/35	37/42	45/45	50/65
		1,000 V			-	-	-	-	-
	Lifetime	Electrical	10,000	200	200	200	200	200	
		Mechanical	Times	1,500	1,500	1,000	1,000	1,000	
AC4	200 - 240 V		kW/A	7.5/35	11/50	13/55	15/65	17/72	
	380 - 440 V			15/32	22/47	25/52	30/62	33/68	
	Electrical Lifetime		10,000 Times	3	3	3	3	3	
安装方法 Mounting Method				Screw & DIN-Rail		Screw & DIN-Rail			
Contacts	Main	AC		1NO1NC or 2NO2NC		1NO1NC or 2NO2NC			
		DC		2NO1NC		2NO1NC			
	Auxilliary	AC		2NO2NC		2NO2NC			
		DC		1NO1NC		1NO1NC			
Dimensions	AC	W x H x D	mm	55 x 123.6 x 129		70 x 146 x 153			
	DC			55 x 123.6 x 129		70 x 146 x 153			

HGC 系列交流/直流接触器
HGC Series AC/DC contactor



型号 Model			HGC115	HGC130	HGC150	HGC185	HGC225	HGC265		
IEC 60947-4	额定绝缘电压 Rated Insulation Voltage [Ui]		V	1,000	1,000	1,000	1,000	1,000	1,000	
	额定工作电压 Rated Operational Voltage [Ue]		V	1,000	1,000	1,000	1,000	1,000	1,000	
	额定冲击耐受电压 Rated Impulse Withstand Voltage [Uimp]		kV	8	8	8	8	8	8	
	额定热电流 Rated Thermal Current [Ith] (Ac1)		A	160	180	210	275	315	350	
	AC3	200 - 240 V		kW/A	37/115	40/130	45/150	55/185	75/225	80/265
		380 - 440 V			60/115	65/130	75/150	90/185	132/225	147/265
		500 - 550 V			59/100	70/120	90/140	110/180	132/200	150/225
		660 - 690 V			55/65	75/82	90/120	110/120	132/150	160/173
		1,000 V			65/50	75/54	90/66	110/78	132/96	160/113
		Lifetime	Electrical	10,000 Times	100	100	100	100	100	100
	Mechanical		500		500	500	500	500	500	
AC4	200 - 240 V		kW/A	19/80	22/93	30/125	37/150	45/185	50/200	
	380 - 440 V			37/75	45/90	55/110	75/150	90/185	102/200	
	Electrical Lifetime		10,000 Times	3	3	3	3	3	3	
安装方法 Mounting Method			Screw			Screw				
Contacts	Main		2NO2NC			2NO2NC				
	Auxiliary		2NO2NC			2NO2NC				
Dimensions	W x H x D	mm	103 x 155 x 145.1			138 x 204 x 174.2				

型号 Model				HGC300	HGC400	HGC500	HGC630	HGC800	
IEC 60947	Rated Insulation Voltage [Ui]		V	1,000	1,000	1,000	1,000	1,000	
	Rated Operational Voltage [Ue]		V	1,000	1,000	1,000	1,000	1,000	
	Rated Impulse Withstand Voltage [Uimp]		kV	8	8	8	8	8	
	Rated Thermal Current [Ith] (AC1)		A	400	500	550	750	900	
	AC3	200 - 240 V		kW/A	90/300	125/400	140/500	190/630	220/800
		380 - 440 V			160/300	220/400	250/500	330/630	440/800
		500 - 550 V			200/273	250/300	300/426	330/500	500/720
		660 - 690 V			200/220	250/300	335/360	400/412	500/630
		1,000 V			200/141	250/178	275/192	300/213	400/284
		Lifetime	Electrical	10,000 Times	100	100	50	50	50
	Mechanical		500		500	500	500	500	
AC4	200 - 240 V		kW/A	55/220	75/300	90/350	110/400	160/630	
	380 - 440 V			110/220	150/300	175/350	200/400	300/630	
	Electrical Lifetime		10,000 Times	3	3	3	3	3	
安装方法 Mounting Method				Screw			Screw		
Contacts		Main		2NO2NC			2NO2NC		
		Auxiliary		2NO2NC			2NO2NC		
Dimensions		W x H x D	mm	163 x 243 x 203			276 x 314 x 255.3		

浪涌电流和电阻电路引起的电压降
Voltage Drop by Inrush Current and Resistive Circuit

当由导体电阻引起的浪涌电流提供给线圈时，控制电路上会出现电压降。电源控制电缆上的电压降过大（交流和直流）可能会导致线圈烧坏。因此，应考虑输入功率、电源电压和导线的横截面积来决定连接电缆的长度。

Voltage drop occurs on control circuit when inrush current caused by resistance of conductor is supplied to coil. Excessive voltage drop on power control cable (for both AC and DC) might cause coil to burn. Therefore, the length of connection cable should be decided considering input power, supply voltage, and cross sectional area of conducting wire.

根据浪涌功率选择导线C.S.A
Selection for Conductor C.S.A. According to Inrush Power

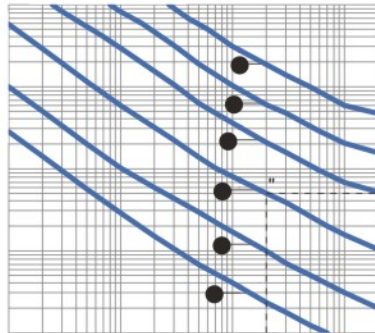
图表显示了最大5%的线路电压降
These graphs show maximum 5 % line voltage drop.

AC Circuit

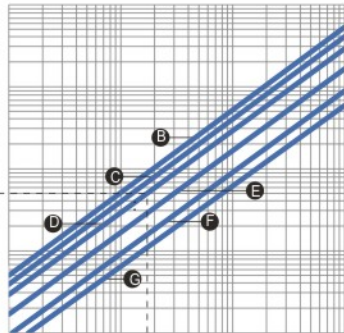
Supply Voltage
①: AC24 V
②: AC48 V
③: AC115 V
④: AC230 V
⑤: AC400 V
⑥: AC690 V

C.S.A. of Cu Cables
a: 0.75 mm²
b: 1 mm²
c: 1.5 mm²
d: 2.5 mm²
e: 4 mm²
f: 6 mm²

5PUBM3FTJTUBODFGUIF\$POUSPM\$BCMF



5PUBM3FTJTUBODFGUIF\$POUSPM\$BCMF



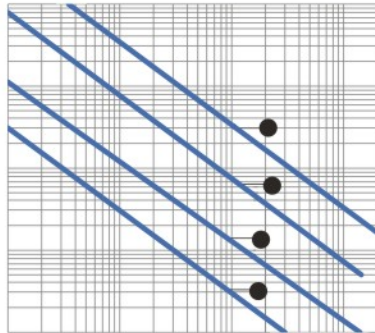
※ 示例：当使用1.5 mm 2 Cu控制电缆，HGC 40 A，115 V，浪涌功率200 VA时，所需的导体最大长度为150 m。
※ Example: The maximum length of conductor required when using 1.5 mm 2 Cu control cable, HGC 40 A, 115 V with inrush power 200 VA is 150 m.

DC Circuit

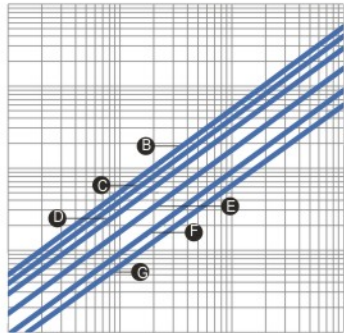
Supply Voltage
⑦: DC24 V
⑧: DC48 V
⑨: DC125 V
⑩: DC250 V

C.S.A. of Cu Cables
a: 0.75 mm²
b: 1 mm²
c: 1.5 mm²
d: 2.5 mm²
e: 4 mm²
f: 6 mm²

5PUBM3FTJTUBODFGUIF\$POUSPM\$BCMF



5PUBM3FTJTUBODFGUIF\$POUSPM\$BCMF



最大电缆计算距离
Maximum Cable Distance Calculation

$$L = \frac{U^2}{SA} \cdot s \cdot K$$

L: Distance between conductors and controlling equipment (length of cable)
U: Power supply in V

SA: Apparent inrush power for coil in VA
s: Conductor C.S.A. in mm²
K: Factors given in following table

AC Supply	SA (VA)	20	40	100	150	200
	K	1.38	1.5	1.8	2	2.15
DC Supply	Irrespective of the apparent inrush power SA, expressed in W					
	k = 1.38					

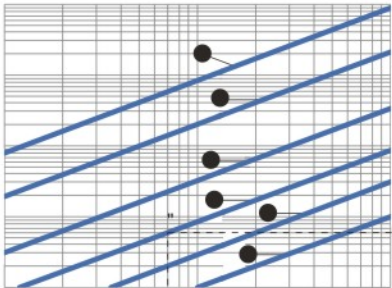
电缆电容（AC）导致跳闸故障
Trip Failure Due to Cable Capacitance (AC)

当接触器的控制电路断开时，控制电缆的电容可能会导致跳闸故障。
以下情况可能会加剧这种现象，因此在决定导电电缆的长度时，应考虑以下因素。

Control cable's capacitance might cause trip failure when the control circuit of contactors is opened.
This phenomenon can be worsened by the following conditions, so when deciding the length of conducting cable, the following should be considered.

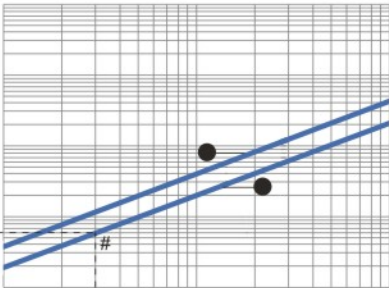
- 线圈端子与电源之间或线圈端子与接触器之间的距离过长。
Too long distance between coil terminal and power source or between coil terminal and contactors.
- 线圈功耗过低
Too low of coil power consumption
- 控制电路电压过高
Too high of control circuit voltage
- 跌落电压过低
Too low of drop-out voltage

5BCMF\$BQBDJUBODF



①: AC24 V
②: AC48 V
③: AC115 V
④: AC230 V
⑤: AC400 V
⑥: AC690 V
⑦: 3-Wire control
⑧: 2-Wire control

5BCMF\$BQBDJUBODF



※ 示例：HGC12触点的控制电缆的最大距离为300米，该触点由230 V和2线控制操作，保持功率为7 VA。
※ Example: The maximum distance for control cable of HGC12 contact which is operated by 230 V and 2-wire control with hold in power of 7 VA, is 300 m.

根据电缆电容计算最大电缆距离
Maximum Cable Distance Calculation According to Cable Capacitance

$$L = 455 \cdot \frac{S}{U^2 \cdot Co}$$

L: Distance between contact and control equipment m (cable length)
S: Apparent sealed power VA

U: Control voltage V
Co: Line capacitance capacity for cable



适用范围 Application

该产品主要用于交流50Hz(或60Hz)，额定绝缘电压1000V，在AC3使用类别下额定工作电压为380V，额定工作电流至400A的消防水泵及其他类型电动机的控制，广泛应用于轻工、冶金、煤矿、铁路、住宅、办公等工业及民用建筑的消防水泵控制柜以及其他用途的水泵控制柜中，也可作为常规接触器产品进行使用。

This product is mainly used for fire water pumps and other types of motors with AC 50Hz (or 60Hz), rated insulation voltage of 1000V, rated working voltage of 380V under AC3 usage category, and rated working current up to 400AThe control system is widely used in fire pump control cabinets for industrial and civil buildings such as light industry, metallurgy, coal mines, railways, residential buildings, office buildings, and other water pump control cabinets for other purposes. It can also be used as a conventional contactor productuse.

型号及含义 Type & Meaning



工作条件和安装: Conditions of Working & Installations:

- 海拔高度:不超过2000m;
Altitude: not exceeding 2000m;
- 环境温度:不高于+40℃，不低于-5℃，且其24h内的平均温度值不超过+35℃;
Environmental temperature: not higher than+40 ℃, not lower than -5 ℃, and its average temperature value within 24 hours does not exceed+35 ℃;
- 大气条件:在+40℃时空气相对湿度不超过50%，较低温度可有较高的相对湿度，最湿月的月平均最低温度不超过+25° ℃，该月的月平均最大相对湿度不超过90%，并考虑因温度变化发生在产品上的凝露;
Atmospheric conditions: At+40 ℃, the relative humidity of the atmosphere should not exceed 50%. Lower temperatures may have higher relative humidity, and the monthly average minimum temperature in the wettest month should not exceed+25 ° ℃. The monthly average maximum relative humidity in that month should not exceed 90%, and condensation on the product due to temperature changes should be considered;
- 污染等级:3级;
Pollution level: Level 3;
- 安装类别:III类;
Installation category: Class III;
- 安装条件:安装面与垂直面倾斜度不大于±5° ；
Installation conditions: The inclination between the installation surface and the vertical plane shall not exceed ± 5 ° ；
- 冲击振动:产品应安装和使用在无显著摇动、冲击和振动的地方。
Impact vibration: The product should be installed and used in a place without significant shaking, impact, and vibration.

辅助触点配置表 Auxiliary contact configuration table

配备位置 Equipment location	适用型号 Applicable models	附件型号 Attachment model	订货型号 Ordering model	配备型式 Equipment type
手动机构部分 Manual mechanism part	12-180	1开1闭	无	标配
接触器部分 (单台可选配数量) Contactor section (Optional quantity per unit)	65-95/3P 12-32	1开	无	标配
	65-95/3P 40-95	1开1闭	无	标配

选型举例 Selection examples

65-95/3P 80	额定电流80A，单台直启，3极，普通型柜外操作，220V控制电压 Rated current 80A, single direct start, 3-pole, ordinary outdoor operation, 220V control voltage
180/3P 180	额定电流180A，单台直启，3极，普通型柜外操作，220V控制电压 Rated current 180A, single direct start, 3-pole, ordinary outdoor operation, 220V control voltage

产品特点 Selection examples

- ※ 具备手动操作强制合闸功能,满足消防水泵手动合闸要求;
- ※ 成熟的机械结构设计，确保手动转换时的稳定、可靠;
- ※ 产品接触系统均镀银，外观金属部件均镀镍;
- ※ 线圈绕组采用铜漆包线，绝缘等级为H级(160° ℃);
- ※ 加装附件方便灵活、安全可靠;
- ※ 角接双台直启产品一体式结构，安装方便。
- ※ Equipped with manual operation and forced closing function, meeting the requirements for manual closing of fire water pumps;
- ※ Mature mechanical structure design ensures stability and reliability during manual switching;
- ※ The product contact system is silver plated, and the appearance of metal components is nickel plated;
- ※ The coil winding is made of copper enameled wire, with an insulation grade of H (160 ° ℃);
- ※ Convenient, flexible, safe and reliable installation of accessories;
- ※ The integrated structure of the corner connected double platform direct start product is convenient for installation.

主要技术参数 Main technical parameters

型号 model 项目 item参数 parameter		单位 unit	接触器-机械应急启泵型 Contactor – Mechanical emergency pump start type								
额定工作电流（≤55℃）AC-3(380V) Rated working current (≤ 55 ℃) AC-3 (380V)		A	12	18	25	32	40	50	65	80	95
额定绝缘电压Ui Rated insulation voltage Ui		V	690								
极数 poles 电气寿命 Electrical lifespan		万次 10000 times	3P/6P								
			60								
机械寿命 Mechanical life		次 times	2000								
可控三相电动机功率（AC-3）kw Mechanical life controllable three-phase motor power (AC-3) kw		Kw	5.5	7.5	11	15	18.5	22	30	37	45
配套熔断体 Supporting fuse link		A	NH1-125								
线圈参数 Coil parameters	额定控制电压Us Rated control voltage Us	V	AC110、AC220、AC380								
	吸合电压 pull-in voltage	%Us	85-110%								
	释放电压 Release voltage	%Us	20-75%								
	线圈吸合 Coil suction	VA	230								
	保持功率 Maintain power	VA	32								

型号 model 项目 item参数 parameter		单位 unit	接触器-机械应急启泵型 Contactor – Mechanical emergency pump start type								
额定工作电流（≤55℃）AC-3(380V) Rated working current (≤ 55 ℃) AC-3 (380V)		A	115	150	170	185	225	265	330	400	
额定绝缘电压Ui Rated insulation voltage Ui		V	690								
极数 poles 电气寿命 Electrical lifespan		万次 10000 times	3P/6P								
			60								
机械寿命 Mechanical life		次 times	1000								
可控三相电动机功率（AC-3）kw Mechanical life controllable three-phase motor power (AC-3) kw		Kw	55	75	85	90	110	132	160	200	
配套熔断体 Supporting fuse link		A	NH1-250								
线圈参数 Coil parameters	额定控制电压Us Rated control voltage Us	V	AC110、AC220、AC380								
	吸合电压 pull-in voltage	%Us	85-110%								
	释放电压 Release voltage	%Us	20-75%								
	线圈吸合 Coil suction	VA	230								
	保持功率 Maintain power	VA	32								



外形及安装尺寸：不带底板 Appearance and installation dimensions: without base plate

型号	外形尺寸			P	N	Y	W	安装尺寸			柜门杆长度	
	长(A)	宽(B)	高(C)					A1	A2	B1	默认长度	装柜后距离
65/3P 12A	75.9	74.2	161.5	11.3	/	57	34	/	/	/	300	228
65/3P 18A	75.9	74.2	166.6	11.3	/	57	34	/	/	/	300	228
65/3P 25A	75.9	83.6	174.9	14.6	/	61.2	34	/	/	/	300	228
65/3P 32A	75.9	83.6	180.3	14.6	/	61.2	34	/	/	/	300	228
95/3P 40A	79	126.7	193.7	20	/	84.3	35	/	/	/	300	228
95/3P 50A	79	126.7	193.7	20	/	84.3	35	/	/	/	300	228
95/3P 65A	79	126.7	193.7	20	/	84.3	35	/	/	/	300	228
95/3P 80A	85.8	126.7	202.1	23.5	/	84.3	41.8	/	/	/	300	228
95/3P 95A	85.8	126.7	202.1	23.5	/	84.3	41.8	/	/	/	300	228
180/3P 115A	120	162.8	200.5	34.7	/	101.8	60	109.5	/	130.2	300	228
180/3P 150A	120	162.8	200.5	34.7	/	101.8	60	109.5	/	130.2	300	228
180/3P 170A	120	162.8	200.5	34.7	/	101.8	60	109.5	/	130.2	300	228
225/3P(NXC)120A	127	182	237.3	/	/	111	63.5	96	/	133.6	300	228
225/3P(NXC)160A	127	182	237.3	/	/	111	63.5	96	/	133.6	300	228
225/3P(NXC)185A	127	182	237.3	/	/	111	63.5	96	/	133.6	300	228
225/3P(NXC)225A	127	182	237.3	41	/	111	63.5	96	/	133.6	300	228
400/3P(NXC)265A	150	236	305.8	/	/	98.3	75	120	/	180	300	228
400/3P(NXC)330A	150	236	305.8	/	/	98.3	75	120	/	180	300	228
400/3P(NXC)400A	150	236	305.8	50.2	/	98.3	75	120	/	180	300	228
65/6P 12A	156	74.2	161.5	11.3	65.4	57	34	/	/	/	300	228
65/6P 18A	156	74.2	166.6	11.3	65.4	57	34	/	/	/	300	228
65/6P 25A	156.4	83.6	174.9	14.6	58.7	61.2	34	/	/	/	300	228
65/6P 32A	156.4	83.6	180.3	14.6	58.7	61.2	34	/	/	/	300	228
95/6P 40A	180.5	126.7	193.7	20	61.5	84.3	35	/	/	/	300	228
95/6P 50A	180.5	126.7	193.7	20	61.5	84.3	35	/	/	/	300	228
95/6P 65A	180.5	126.7	193.7	20	61.5	84.3	35	/	/	/	300	228
95/6P 80A	187.3	126.7	202.1	23.5	54.6	84.3	41.8	/	/	/	300	228
95/6P 95A	187.3	126.7	202.1	23.5	54.6	84.3	41.8	/	/	/	300	228
180/6P 115A	240.5	162.8	200.5	34.7	51.1	101.8	60	230.3	109.5	130.2	300	228
180/6P 150A	240.5	162.8	200.5	34.7	51.1	101.8	60	230.3	109.5	130.2	300	228
180/6P 170A	240.5	162.8	200.5	34.7	51.1	101.8	60	230.3	109.5	130.2	300	228
225/6P(NXC) 120A	201.9	182	237.3	/	/	111	60.5	234.4	96	133.6	300	228
225/6P(NXC) 160A	201.9	182	237.3	/	/	111	60.5	234.4	96	133.6	300	228
225/6P(NXC) 185A	201.9	182	237.3	/	/	111	60.5	234.4	96	133.6	300	228
225/6P(NXC) 225A	201.9	182	237.3	41	56.5	111	60.5	234.4	96	133.6	300	228
400/6P(NXC) 265A	246.1	236	305.8	/	/	98.3	75	291.1	120	180	300	228
400/6P(NXC) 330A	246.1	236	305.83	/	/	98.3	75	291.1	120	180	300	228
400/6P(NXC) 400A	246.1	236	305.8	50.2	70.8	98.3	75	291.1	120	180	300	228