



NXCC系列 切换电容器接触器 使用说明书

感谢您选购本产品，在安装、使用或维护产品前，
请仔细阅读使用说明书。

产品制造商已通过以下管理体系认证：
ISO 9001、ISO 14001、ISO 45001

符合标准：
GB/T 14048.4



安全警示

- ① 产品严禁安装于含有易燃易爆气体、潮湿凝露的环境中，严禁用湿手操作产品。
- ② 产品工作中，严禁触摸产品导电部位。
- ③ 安装、维护与保养产品时，必须确保线路断电。
- ④ 严禁小孩玩耍产品或包装物。
- ⑤ 产品安装周围应保留足够空间和安全距离。
- ⑥ 不要安装在气体介质能腐蚀金属和破坏绝缘的地方。
- ⑦ 产品在安装使用时，必须应用标配导线并配接符合要求的电源与负载。
- ⑧ 为避免危险事故，产品的安装固定须严格按照说明书的要求进行。
- ⑨ 在拆除包装后，应检查产品有无损坏，并清点物品的完整性。



通用警告标志：

用于提醒用户注意潜在的危险，应遵守此标志附带的全部安全信息以避免可能的伤害。

1 主要技术参数及性能

主要参数及技术性能指标见表1。

表1 主要参数及技术性能指标

型号		NXCC -25	NXCC -32	NXCC -43	NXCC -63	NXCC -95	NXCC -115
壳架等级 ^a		25	32~43		63	95~115	
额定冲击耐受电压 Uimp (kV)		6					
额定限制短路电流Iq (kA)		50(400V)					
额定工作电压Ue (V)		220/230、380/400、660/690					
抑制涌流能力		20Ie					
操作频率 次/小时		120					
电寿命 AC-6b (万次)		15					
机械寿命 (万次)		100					
负载因数		40%					
极阻抗(Ω)		≤0.05					
飞弧距离(mm)		10				12	
协调配合类型		“2” 型协调配合					
配用熔断器型号		gG25	gG32	gG50	gG63	gG100	gG125
熔断器型号额定电流(A)		25	32	50	63	100	125
辅助回路参数		配用的熔断器型号:gG10；Ith：10A； AC-15：Ue/Ie：AC220V/230V/2.7A，AC380V/400V/1.5A； DC-13；DC220V/0.3A；					
线圈功率	吸合(VA)	≤70			≤210	≤300	
	吸持(VA)	≤9.5	≤11.4		≤36.6		
额定工作制		八小时工作制、不间断工作制、断续工作制（负载因数40%）、短时工作制					
动作特性范围		吸合电压：85%Us～110%Us；释放电压：20%Us～75%Us。					
周围空气温度		极限工作温度-35℃～+70℃，正常工作温度-5℃～+40℃，24h内的平均温度值不超过+35℃。若不在正常工作温度范围应考虑降容使用					

续表1

型号	NXCC -25	NXCC -32	NXCC -43	NXCC -63	NXCC -95	NXCC -115
湿度	最高温度为+70℃时，空气的相对湿度不超过50%，在较低的温度下可以允许有较高的相对湿度，例如+20℃时达90%。对由于温度变化偶尔产生的凝露应采取特殊的措施					
海拔	安装地点的海拔不超过2000m					
污染等级	3级					
安装条件	在符合安全警示条件下，安装处应有防雨雪和蒸汽的设施，接触器应安装在无显著摇动、冲击和振动且无导电尘埃的地方。安装类别（过电压类别）：Ⅲ类。安装面与垂直面的倾斜度不大于±5°					
运输、贮存条件	运输与贮存适用温度范围为-25℃至+55℃之间，短时间（24h）内可达+70℃。贮存处应通风、干燥，且不得受雨雪侵袭和阳光直射					
*同一壳架等级的接触器指外形尺寸和内部结构相同，仅部分尺寸存在差异，但额定工作电流不同的接触器；例如NXCC-95、NXCC-115为同一壳架等级（95~115）的接触器。						

2 外形、安装尺寸与接线端子连接导线能力及重量

接触器外形与安装尺寸见图1~图2及表2，接线端子连接导线能力见表3。型号规格重量见箱贴。

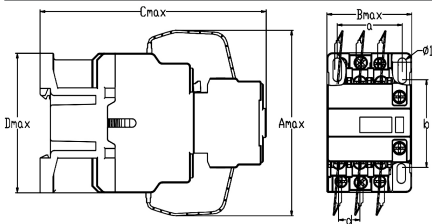


图1 NXCC-25 ~ 43接触器外形及安装尺寸

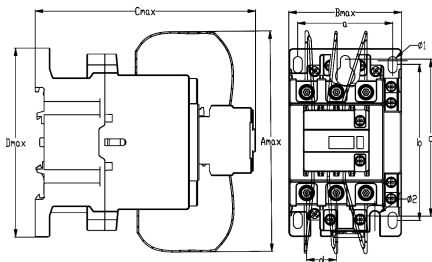





































图2 NXCC-63 ~ 115接触器外形及安装尺寸

















表2 外形尺寸与安装尺寸

单位: mm

接触器 型号	Amax	Bmax	Cmax	Dmax	a	b	c	d	Φ1	Φ2	备注
NXCC-25	80	45.5	122	75	35±0.31	48±0.31	/	11.4	4.5	/	除螺钉安装外, 还可用于35mm安装轨安装
NXCC-32~43	90	56.5	129	87	40±0.31	48±0.31	/	14.2	4.5	/	
NXCC-63	132	77	151	129	64±0.32	100~110	105±0.57	20	6	6.5	除螺钉安装外, 还可用于35mm, 75mm安装轨安装
NXCC-95~115	135	87	160	132	74±0.32	105~118.5	105±0.57	24	6.2	6.5	

表3 产品接线能力

 主回路	 M3.5 1.2N·m									d	 A > 3.5mm, L < 7.8mm
	 M4.0 1.85N·m			NXCC-25	15~4	15~4	15~4	15~4	15~4	15~4	8.2
 控制回路	 M3.5 1.2N·m									d	 A > 3.5mm, L < 8.0mm
	 M3.5 1.2N·m			NXCC-25~43	1~1.5	1~1.5	1~1.5	1~1.5	1~1.5	1~1.5	8.5
 主回路	 M8 6N·m (NXCC-63) M8 9N·m (NXCC-95~115)									d	
				NXCC-63	6~25	4~10	6~25	4~10	6~25	4~10	14
				NXCC-95~115	10~50	6~25	10~50	6~25	10~50	6~25	15

																																																																																																																																																																																																																																																																																													
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4 维护、保养与贮存期注意事项

4.1 日常维护

采取适当的方式去除粉尘、水汽、导电尘埃以及腐蚀性物质，核对产品可控电容器容量与实际电容器容量是否匹配，拧紧接线端子。

4.2 运行时的维护、保养

1) 如发现有不正常噪音,可能是接触器的铁心极面上有污物，请擦净极面。

2) 接触器触头因电弧烧黑等，并不影响其性能。

4.3 检修周期

建议每月检查维护一次。

注意：该产品不可随意拆装、维修，产品确认损坏后应及时更换。

4.4 长期停用、贮存期限

长期停用及贮存期超过一个月，安装使用前请按“3、安装调试与操作使用”条款要求检查。

5 质保期与环境保护及其它法律规定

5.1 质保期

在遵守正常贮运条件下产品包装或产品本身完好，产品自生产之日起，质保期为24个月。质保期内，在客户正常储运、保养使用条件下，因产品的质量问题的而不能正常使用时，提供免费更换服务。下列情况，均不属保修范围：

- 1) 用户使用、保管、维护不当造成的损坏。
- 2) 非公司指派机构或人员，或用户自行拆装维修造成的损坏。
- 3) 产品超过质保期。
- 4) 因不可抗力因素造成的损坏。

5.2 环境保护

为了保护环境，本产品或其中的部件报废时，请按工业废弃物妥善处理；或交由回收处理站按照国家相关规定进行分类拆解、回收再利用等。

6 产品选型与订货须知

1) 须注明接触器完整的名称、型号；线圈的额定工作电压和频率；订货台数。

2) 如需订购辅助触头，请另外注明。

订货示例：NXCC-2521 线圈电压 220V 50Hz 10台；AX-3C/11 5只。

CHINT 正泰

合格证

型号：NXCC系列

名称：切换电容器接触器

产品经检验合格，符合标准
GB/T 14048.4，准予出厂。

检验员：

KZ检53

检验日期：

见产品或包装

浙江正泰电器股份有限公司
ZHEJIANG CHINT ELECTRICS CO., LTD.

CHNT

正泰电器

NXCC系列
切换电容器接触器
使用说明书

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