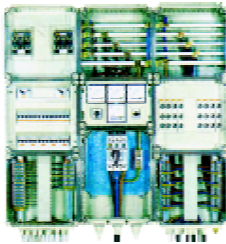




CI 全绝缘全密封低压开关柜



概述

随着对电力需求的日益增长,对能够满足各种应用的配电系统的需求也同步增长.公司以市场为导向,开发了具有国际一流水平的低压配电设备—CI全绝缘全密封低压开关柜,以其卓越的性能,非凡的品质,为各类用户的不同需求提供最佳的解决方案。

Brief introduction

With the increasing demands of electric power in order to satisfy the increasing varied applied distribution systems requirements. Our company takes the market as guide which have developed the low-voltage distribution equipment with the first class international level. CI Insulated and Sealed Distributing fully insulated and airproof low pressure switch board. It provides the best choices for different customers of varied requirements with its excellent function and unique quality.

电气参数 Electricity parameter

额定工作电压Ue	Va、c 400 (690)
额定绝缘电压Ui	Va、c 690, Vd、c 800
额定电流Iu 主母线系统A	160、250、400、630、1000、1600
额定预期短时耐受电流I rms	20、25、35、40、80、80
母线支撑间距mm	≥ 375
额定短时耐受电流 Icw kA rms	4、7、14、28、50、56
额定峰值耐受电流 Ipk kA	40、52.5、73.5、84、176、176

工作和环境条件 Operational and environmental conditions

3.1 环境温度	
24小时平均值℃	≥ +35
极限值 ℃	-5 — 40
3.2 相对湿度	
% (40℃时)	≥ 50
% (20℃时)	≥ 90
3.3 海拔高度m	≥ 2000

结构参数 Structure parameter

4.1 防护等级	
CI**外壳	IP65
KST电缆下方进线	IP65
KST电缆上方进线	IP64
4.2 金属表面防护	镀铬
4.3 绝缘性	
表面绝缘强度Ω	10 ¹³
介质绝缘强度kV/mm	30
4.4 抗腐蚀能力	
+完全 0部分 -不能	
酸 <10% >10%	+/0
碱	-
矿物油	+
酒精	+
动物油 植物油	+
水	+
石腊	+

CI

Insulated and sealed distributing fully insulated and airproof low pressure switch board

CI 全绝缘全密封低压开关柜为全拼装结构。柜体由独立的CI，模块拼装而成，能根据配电方案在高750到2875mm，宽375mm到无限的范围内任意排列，不同规格的CI模块的外形尺寸如下：

The CI is an totally assembled structure. It is assembled with the independent CI. modular units. It can be freely arranged in the dimensions of height from 750mm and width from 375mm to the indefinite according to the distribution scheme. Different CI. units dimensions follows.

	型号	宽度×高度×厚度(安装深度) mm
	CI123-125	187.5 × 250 × 150 (125)
	-150	187.5 × 250 × 175 (150)
	CI143-125	375 × 250 × 150 (125)
	-150	375 × 250 × 175 (150)
	-200	375 × 250 × 225 (200)
	CI144-125	375 × 375 × 150 (125)
	-150	375 × 375 × 175 (150)
	-200	375 × 375 × 225 (200)
	-250	375 × 375 × 275 (250)
	CI145-200	375 × 500 × 225 (200)
	CI148-200	375 × 750 × 225 (200)
	-250	375 × 750 × 275 (250)

可信赖的质量

性能可靠

所有元器件均为人民电器集团有限公司出品，产品使用寿命长。

安全系数高

CI外壳配有专门的压力释放机械装置，一旦出现短路故障，壳盖可自行打开几毫米将内部压力释放然后自动关闭，不良后果将被控制在最小范围内而不会危及工作人员人身安全。

Trusty quality

- Reliable function: all the parts are produced in people ele. appliance group Co. . Ltd. and durable use and life time maintenance free.
- High safety factor: The CI. . unit is installed special perssure releasing mechanical devices. its case can automatically open a few millimeter to release the internal pressure then close when short-current. So that it controls the harm to the minimum scope. and not endanger the staff.



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无与伦比的适候性

高性能材质

CI外壳采用高质量的工程塑料聚碳酸酯制成，机械强度高，绝缘性能好，耐腐蚀、抗老化、防尘、防潮、阻燃。能极好抵抗大多数化学和热影响。

高防护等级

CI外壳防护等级高达IP65，能在粉尘、湿气、腐蚀性的烟雾和水溅、温度波动等十分恶劣的条件下确保内部电气元件的使用性能不受影响，特别适用于海洋、沙漠、油田、化工厂、水泥厂、建筑、粮食、轻纺等环境恶劣的场所，在最大程度上突破了环境条件对电气设备使用的限制。

Unique adaptability

•High quality material: The case is made of high quality engineering plastic-polycarbonate, with high mechanical intensity, excellent insulation, anti-ageing, dustproof, moistureproof and burning proof. It can resist the most of impacts of chemicals and heat.

•High protection grade: The CI units have an IP65 degree of protection. The internal parts operate well under the arduous environment conditions of dusty, humidity, smoky, corrosive, smoke, water splashing and temperature wave. It is especially adaptable in the place of ocean, desert, oil fields and chemical factories. It breaks the environment restriction to the using of electric equipments to the maximum.

友好的操作界面

装置工作状态在透明的外罩下一目了然，操作人员可方便快捷的进行监控、记录，在出现故障或发生掉电之前及时准确的了解系统工作状态。

Operation table

•The machine working status can be observed through the transparent case, the operator can rapidly and easily monitor, record and learn the system working status thoroughly before happening obstacles of electricity failures.

灵活、方便的排列安装方式

完美体现您的设计思想

全模块化结构，完全摒弃了现有电气设备只能在固定框架内组合的传统模式。CI...外壳可以单独使用，可以组成壁挂式或嵌挂式小型配电盘、动力箱、照明箱，也可以组合成落地的大型配电屏。

最有效的利用安装空间

视现场具体布局确定安装形式，不仅可以壁挂式安装和靠墙安装，甚至左右叠装，拐弯和背靠安装也不存在任何困难，这种特点使得该产品在安装空间狭小有限的场所（如轮船等），具有无可比拟的优越性。

Flexible and convenient arrangement and installation

•perfectly embody you design It adopts modular structure, casting away the traditional pattern that compose the electrical devices in the fixed frame, the CI units can be used alone or can be slotly put on the wall, or fixed in hanging type distributor power cases, light cases and also can be assembled into standard switchboards.

•Effectirely use the installing room According to the inatallation-site layout to decide how to mount. It can be mounted on the wall or against it even left and right overlaping fix. It can be easy fix in the corner and back to back. These characteristics make the product fix in a narrow place with limited fixing room (such as ships etc.) with the uncomparable superiority.

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Insulated and sealed distributing fully insulated and airproof low pressure switch board



智能化控制

该产品能够方便的采用可编程控制器等智能化模块,简单、快捷的对配电系统进行全自动监控,实现远程控制,同时大大缩小了安装空间。

Inteligent control

The product can adopted intelligent modules such as PLC, which rapidly and automatically monitor the distribution system and realized the remote control, meanwhile largely reduces the installation room.





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全绝缘全密封低压开关柜

断路器技术参数

型 号	额定电流 A	额定分断能力KA			整定值	
		N	S	H	过载A	短路A
RDM6-125/25	25	22	65	100	16-25	160-320
RDM6-125/40	40				25-40	260-500
RDM6-125/63	63				40-63	400-800
RDM6-125/80	80				63-80	600-800
RDM6-125/100	100				80-100	600-1000
RDM6-250/125	125	25	65	100	80-125	750-1500
RDM6-250/160	160				100-160	1000-1900
RDM6-250/200	200				140-200	1000-1900
RDM6-250/250	250	35	65	100	200-250	1600-2400
RDM6-250/315	315				240-300	2000-4000
RDM6-400/250	250	45	65	100	125-250	250-3000
RDM6-400/400	400				200-400	400-4800
RDM6-630/630	630				300-630	600-7560
RDM6-630/630	630	100	100	100	315-630	1260-12600
RDM6-800/800	800				400-800	1600-16000
RDM6-1000/1000	1000				500-1000	2000-20000
RDM6-1000/1250	1250				625-1250	2500-25000
RDM6-1000/1600	1600				800-1600	3200-32000

注：额定分断能力中，N 为标准分断型系列，S 为中分断型系列，H 为高分断型系列。

过载继电器技术参数

型 号	整定值范围A	最大极 限电流 A	型 号	整定值范围A	最大极 限电流 A
JRS2 (RDR6) -0.16	0.1-0.16	0.5	JRS2 (RDR6) -10	6-10	25
JRS2 (RDR6) -0.24	0.16-0.24	1	JRS2 (RDR6) -16	10-16	35
JRS2 (RDR6) -0.4	0.24-0.4	2	JRS2 (RDR6) -24	16-24	50
JRS2 (RDR6) -0.6	0.4-0.6	2	JRS2 (RDR6) -40	24-40	80
JRS2 (RDR6) -1.0	0.6-1.0	4	JRS2 (RDR6) -57	40-57	100
JRS2 (RDR6) -1.6	1.0-1.6	6	JRS2 (RDR6) -80	50-63	100
JRS2 (RDR6) -2.4	1.6-2.4	6	JRS2 (RDR6) -35	25-35	100
JRS2 (RDR6) -4	2.4-4	10	JRS2 (RDR6) -50	35-50	125
JRS2 (RDR6) -6	4-6	10	JRS2 (RDR6) -70	50-70	160
JRS2 (RDR6) -9	6-9	10	JRS2 (RDR6) -100	70-100	160
JRS2 (RDR6) -0.16	0.1-0.16	0.5			
JRS2 (RDR6) -0.24	0.16-0.24	1	JRS2 (RDR6) -50	35-50	125
JRS2 (RDR6) -0.4	0.24-0.4	2	JRS2 (RDR6) -70	50-70	160
JRS2 (RDR6) -0.6	0.4-0.6	4	JRS2 (RDR6) -100	70-100	200
JRS2 (RDR6) -1.0	0.6-1.0	4	JRS2 (RDR6) -125	95-125	250
JRS2 (RDR6) -1.6	1.0-1.6	6	JRS2 (RDR6) -150	120-142	250
JRS2 (RDR6) -2.4	1.6-2.4	10			
JRS2 (RDR6) -4	2.4-4	16	JRS2 (RDR6) -70	50-70	160
JRS2 (RDR6) -6	4-6	20	JRS2 (RDR6) -100	70-100	200
JRS2 (RDR6) -10	6-10	25	JRS2 (RDR6) -125	95-125	250
JRS2 (RDR6) -16	10-16	35	JRS2 (RDR6) -160	120-160	250
JRS2 (RDR6) -24	16-24	50	JRS2 (RDR6) -220	160-220	250

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接触器技术参数

型号	常温电流 AC-I (A)	三相交流电动机额定值 380V-AC-3		装配的辅助触 头类型数量		可与接触器插接的 热继电器	独立安装热继 电器
		(kW)	Ie (A)	(常开)	(常闭)		
CJX2 (RDC6)-9/11	20	4	8.5	1	1	JRS2 (RDR6) - □	
CJX2 (RDC6)-9/22	20	4	8.5	2	2		
CJX2 (RDC6)-12/11	20	5.5	11.5	1	1	JRS2 (RDR6) - □	
CJX2 (RDC6)-12/22	20	5.5	11.5	2	2		
CJX2 (RDC6)-16/11	35	7.5	15.5	1	1		
CJX2 (RDC6)-16/22	35	7.5	15.5	2	2		
CJX2 (RDC6)-25/11	35	11	22.5	1	1		
CJX2 (RDC6)-25/22	35	11	22.5	2	2		
CJX2 (RDC6)-32/11	55	15	30	1	1	JRS2 (RDR6) - □	
CJX2 (RDC6)-32/22	55	15	30	2	2		
CJX2 (RDC6)-40/11	55	18.5	36	1	1		
CJX2 (RDC6)-40/22	55	18.5	36	2	2		
CJX2 (RDC6)-50/11	90	22	43	1	1		
CJX2 (RDC6)-50/22	90	22	43	2	2		
CJX2 (RDC6)-63/11	90	30	56	1	1	JRS2 (RDR6) - □	
CJX2 (RDC6)-63/22	90	30	56	2	2		
CJX2 (RDC6)-80/11	100	37	72	1	1		
CJX2 (RDC6)-80/22	100	37	72	2	2		
CJX2 (RDC6)-95/22	140	45	85	2	2		
CJX2 (RDC6)-115/22	160	55	104	2	2		
CJX2 (RDC6)-150/22	160	75	142	2	2	JRS2 (RDR6) - □	
CJX2 (RDC6)-185/22	210	90	170	2	2		
CJX2 (RDC6)-225/22	220	110	205	2	2	JRS2 (RDR6) - □	
CJX2 (RDC6)-265/22	300	132	250	2	2		
CJX2 (RDC6)-330/22	300	160	300	2	2	JRS2 (RDR6) - □	
CJX2 (RDC6)-500/22	400	200	400	2	2		
CJX2 (RDC6)-500/22	550	250	475	2	2	JRS2 (RDR6) - □	
CJX2 (RDC6)-630/22	630	335	630	2	2		
CJ40-1000	850		820	2			