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質量

质量为先
诚信为本

诚信

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高压并联电容器

High-Voltage Shunt Capacitor

一流的设备

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高压并联电容器(内熔丝)技术参数
Technical data of high voltage shunt capacitor(with internal fuse)

序号	型号规格	额定电压 (kV)	额定容量 (kvar)	额定电容 (μF)	外形尺寸(mm)				重量 (kg)
					W	h	h1	H	
1	BAM6.6/3-200-1W	6.6/3	200	43.8	138	475	100	705	35
2	BAM6.6/3-300-1W	6.6/3	300	65.8	178	525	200	835	48
3	BAM6.6/3-334-1W	6.6/3	334	73.2	178	575	200	885	52
4	BAM6.6/3-400-1W	6.6/3	400	87.7	178	675	200	985	60
5	BAM6.6/3-417-1W	6.6/3	417	91.4	178	725	200	1035	62
6	BAM6.6/3-500-1W	6.6/3	500	109.6	178	825	200	1135	72
7	BAM7.2/3-200-1W	7.2/3	200	36.8	138	475	100	705	35
8	BAM7.2/3-300-1W	7.2/3	300	55.3	178	525	200	835	48
9	BAM7.2/3-334-1W	7.2/3	334	61.5	178	575	200	885	52
10	BAM7.2/3-400-1W	7.2/3	400	73.7	178	675	200	985	60
11	BAM7.2/3-417-1W	7.2/3	417	76.8	178	725	200	1035	62
12	BAM7.2/3-500-1W	7.2/3	500	92.1	178	825	200	1135	72
13	BAM11/3-200-1W	11/3	200	15.8	138	475	100	705	35
14	BAM11/3-300-1W	11/3	300	23.7	178	525	200	835	48
15	BAM11/3-334-1W	11/3	334	26.4	178	575	200	885	52
16	BAM11/3-400-1W	11/3	400	31.6	178	675	200	985	60
17	BAM11/3-417-1W	11/3	417	32.9	178	725	200	1035	62
18	BAM11/3-500-1W	11/3	500	39.5	178	825	200	1135	72
19	BAM11/3-600-1W	11/3	600	47.4	178	950	200	1260	82
20	BAM11/3-667-1W	11/3	667	52.6	178	1050	200	1360	90
21	BAM11/3-700-1W	11/3	700	55.2	178	1100	200	1410	94
22	BAM11/3-800-1W	11/3	800	63.1	178	1250	200	1560	106
23	BAM12/3-200-1W	12/3	200	13.3	138	475	100	705	35
24	BAM12/3-300-1W	12/3	300	19.9	178	525	200	835	48
25	BAM12/3-334-1W	12/3	334	22.1	178	575	200	885	52
26	BAM12/3-400-1W	12/3	400	26.5	178	675	200	985	60
27	BAM12/3-417-1W	12/3	417	27.7	178	725	200	1035	62
28	BAM12/3-500-1W	12/3	500	33.2	178	825	200	1135	72
29	BAM12/3-600-1W	12/3	600	39.8	178	950	200	1260	82
30	BAM12/3-667-1W	12/3	667	44.2	178	1050	200	1360	90
31	BAM12/3-700-1W	12/3	700	46.4	178	1100	200	1410	94
32	BAM12/3-800-1W	12/3	800	53.1	178	1250	200	1560	106
33	BAM11/2-334-1W	11/2	334	35.1	178	575	200	885	52

序号	型号规格	额定电压 (kV)	额定容量 (kvar)	额定电容 (μF)	外形尺寸(mm)				重量 (kg)
					W	h	h1	H	
34	BAM11/2-400-1W	11/2	400	42.1	178	675	200	985	60
35	BAM11/2-417-1W	11/2	417	43.9	178	725	200	1035	62
36	BAM11/2-500-1W	11/2	500	52.6	178	825	200	1135	72
37	BAM11/2-600-1W	11/2	600	63.1	178	950	200	1260	82
38	BAM11/2-667-1W	11/2	667	70.2	178	1050	200	1360	90
39	BAM11/2-700-1W	11/2	700	73.7	178	1100	200	1410	94
40	BAM11/2-800-1W	11/2	800	84.2	178	1250	200	1560	106
41	BAM12/2-334-1W	12/2	334	29.5	178	575	200	885	52
42	BAM12/2-400-1W	12/2	400	35.4	178	675	200	985	60
43	BAM12/2-417-1W	12/2	417	36.9	178	725	200	1035	62
44	BAM12/2-500-1W	12/2	500	44.2	178	825	200	1135	72
45	BAM12/2-600-1W	12/2	600	53.1	178	950	200	1260	82
46	BAM12/2-667-1W	12/2	667	59.0	178	1050	200	1360	90
47	BAM12/2-700-1W	12/2	700	61.9	178	1100	200	1410	94
48	BAM12/2-800-1W	12/2	800	70.7	178	1250	200	1560	106
49	BAM10.5-500-1W	10.5	500	14.4	178	825	200	1135	70
50	BAM10.5-600-1W	10.5	600	17.3	178	950	200	1260	80
51	BAM10.5-667-1W	10.5	667	19.3	178	1050	200	1360	88
52	BAM10.5-700-1W	10.5	700	20.2	178	1100	200	1410	92
53	BAM10.5-800-1W	10.5	800	23.1	178	1250	200	1560	104
54	BAM11-500-1W	11	500	13.2	178	825	200	1135	70
55	BAM11-600-1W	11	600	15.8	178	950	200	1260	80
56	BAM11-667-1W	11	667	17.5	178	1050	200	1360	88
57	BAM11-700-1W	11	700	18.4	178	1100	200	1410	92
58	BAM11-800-1W	11	800	21.0	178	1250	200	1560	104
59	BAM12-500-1W	12	500	11.1	178	825	200	1135	70
60	BAM12-600-1W	12	600	13.3	178	950	200	1260	80
61	BAM12-667-1W	12	667	14.7	178	1050	200	1360	88
62	BAM12-700-1W	12	700	15.5	178	1100	200	1410	92
63	BAM12-800-1W	12	800	17.7	178	1250	200	1560	104

注：10.5、11、12、24kV电压等级的产品一般使用单套管

企业简介

Company Introduction

上海思源电力电容器有限公司是由思源电气股份有限公司(股票代码为002028)投资兴建的高科技企业, 成立于2004年11月8日, 投资总额为7000万人民币, 注册资金为2000万人民币, 是国内电容器行业的后起之秀。

公司具有世界先进的电容器生产制造设备, 电容器的关键部分元件的卷绕采用进口美国希尔顿公司的全自动(包括耐压机)500型并联元件卷制机; 元件的卷绕和心子的组装在近1000平方米的百级净化间中进行, 高洁净度保证了电容器关键部分的质量; 电容器的浸渍采用德国莱宝真空机组和国际先进真空处理工艺, 真空浸渍系统全部由计算机监测控制, 使真空浸渍工艺系统达到了国际先进水平; 电容器箱壳焊接和表面处理采用世界知名公司生产的焊接、油漆机器人, 保证了电容器的无渗漏和油漆质量; 电容器的检验采用了瑞士生产的2877型高精度电容及介质损耗测量电桥等高精度检测仪器和检测设备; 电容器的每一个生产过程都采用严格的质量管理手段进行管理和控制, 每一个部件都在严格的质量控制之中。

公司具备一个高素质高效率的研发团队, 研发队伍中具有一批高学历和几十年丰富的实践经验的研发人员, 他们将已有的知识和经验与国内外电容器的先进技术和制造工艺结合起来, 同时在高品质的材料和设备做硬件保证之下, 确保我公司生产的电容器从经济性、可靠性、安全性上都接近和达到了国际先进水平。

上海思源电力电容器有限公司始终坚持“严谨、求实、团结、创新”的企业精神, 坚持“客户利益至上, 最大限度满足客户需求; 尊重员工, 充分考虑员工个人的自我发展, 让员工乐在工作中; 对每一项经营活动, 力争最佳效益”的企业原则, 兢兢业业、持续努力, 使公司在激烈的市场竞争中不断发展壮大。以一流的产品性能、一流的质量和一流的服务不断满足广大用户的需要。

公司的主要产品

- ◎ 电容器单元: 1~25kV, 100~1000kvar;
- ◎ 集合式高电压电容器: 1~35kV, 600~10000kvar;
- ◎ 并联成套装置: 1~1000kV, 0.1~600Mvar;
- ◎ 集合式成套装置: 1~35kV, 600~60000kvar;
- ◎ 滤波成套装置: 3~1000kV, 0.6~600Mvar;
- ◎ SVC高压静止无功补偿成套装置: 6~35kV, 0.6~300Mvar;
- ◎ 全封闭高压并联成套装置: 6~10kV, 600~2000kvar (国家专利、专利号01253612.1);
- ◎ 全封闭可调容量高压并联成套装置: 6~10kV, 600~2000kvar (国家专利、专利号01253615.6);
- ◎ 耦合电容器: 35~500kV, 0.0035~0.05 μ F;
- ◎ 电容式电压互感器: 35~500kV, 测量0.1~3.0级, 保护3P~6P级, 容量10~500VA;
- ◎ 可承接直流输电工程、串补装置项目中的电容器组。



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Shanghai Siyuan Power Capacitor Company Ltd. is a hi-tech enterprise invested by Siyuan Electric Co., Ltd. (stock code 002028), it came into existence in Nov. 2004. The total amount of investment is 70 million RMB, and its registered capital is 20 million RMB. Generally, it is an up and coming youngster in the domestic capacitor industry.

We have the worldwide advanced capacitor production equipments. American Hilton's Optima 500 automatic winding machine is used for shunt capacitor element winding. Element winding and assembling work are carried out in the clean room, which has 1000 square meters and hundred grade in cleanliness. The quality of capacitor's key components can be guaranteed by the high cleanliness. Our vacuum set is imported from Germany Leybold Company and worldwide advanced vacuum process technology are used for our capacitor vacuum impregnation, moreover the vacuum impregnating system is monitored and controlled by the computer, thus our vacuum impregnating technological system has reached international advanced level. Beyond that, the robots made in Japan are used for welding and painting of capacitor case, so that our capacitors are free of leak and paint quality is ensured. What's more, the high accuracy inspection and test instruments and equipments, such as 2877 high accuracy capacitance and dielectric loss angle measuring bridge etc. are used for capacitor inspection and test. In sum, the strict quality management and control are carried out in every process of capacitor production, and every component of capacitor is under strict quality control.

Our company has a research and development team with high quality and high efficiency, in the team there are some research and development personnel which have high educational level and plenty of experience. They combine their knowledge and experience with the advanced technology of capacitor at home and abroad, meanwhile under guarantee of high quality materials and equipments, which ensured that our products approach and come to worldwide advanced level in economy, reliability and safety.

Shanghai Siyuan Power Capacitor Company Ltd. always insists on its enterprise spirit: "Strict, factuality, solidarity and innovation" and persists in the enterprise principle: "putting customer's benefit to the paramountcy, satisfying farthest customer's demands, respecting company's staff, adequately thinking over staff's self development, making staff work with joy, doing all we can to gain the best benefit to every business of our Company". We'll continuously work hard to make our Company go from strength to strength in the fierce market competition. Beyond that our Company will offer first-grade properties of products, first-grade quality and first-grade service to meet every customer.

Main products of our Company are as follows

- ◎ Capacitor unit: 1~25kV, 100~1000kvar;
- ◎ High voltage shunt capacitor of the assembling type: 1~35kV, 600~10000kvar;
- ◎ Shunt capacitor installation: 1~1000kV, 0.1~600Mvar;
- ◎ Assembling capacitor installation: 1~35kV, 600~60000kvar;
- ◎ Filter capacitor installation: 3~1000kV, 0.6~600Mvar;
- ◎ SVC high voltage static reactive power compensation installation: 6~35kV, 0.6~300Mvar;
- ◎ All-closed high voltage shunt capacitor installation: 6~10kV, 600~2000kvar (national patent, number of patent: 01253612.1);
- ◎ All-closed output-adjustable high voltage shunt capacitor installation: 6~10kV, 600~2000kvar (national patent, number of patent: 01253615.6);
- ◎ Coupling capacitor: 35~500kV, 0.0035~0.05 μ F;
- ◎ Capacitor voltage transformer: 35~500kV, 0.1~3.0 class for measurement, 3p~6p class for protection, output 10~500VA.
- ◎ Capacitor bank of DC power transmission and series compensation installation can be taken on.

高压并联电容器装置

High-Voltage Shunt Capacitor Installations

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一、用途 Application

高压并联电容器装置主要应用于工频50Hz, 电压等级为 6kV、10kV、35kV 和 66kV 三相交流电力系统中, 用来提高系统功率因数、改善电网电压质量和降低线路损耗。

The high-voltage shunt capacitor installations are used for power factor correction, improving quality of network and reducing transmission line losses in the three-phase power system having frequency of 50 Hz and voltage of 6 kV, 10 kV, 35 kV and 66 kV respectively.



二、型号及其含义 Type and its meaning

例: T BB 10 6000 / 334 A K W

户外式 (户内式此字母不标出)

Outdoor use (without this letter for indoor use)

保护方式 Way of protection:

K 开口三角电压保护 Open delta voltage protection

C 差动电压保护 Differential voltage protection

L 中性点不平衡电流保护

Unbalance current protection of neutral point

接线方式 Way of connection:

A 单星形接线 connected in single star

B 双星形接线 connected in double star

单台电容器额定容量 Rated output of capacitor unit, kvar

装置额定容量 Rated output of installation, kvar

装置额定电压 Rated voltage of installation, kV

并联电容器 Shunt capacitor

成套装置 Complete set of installation

三、装置使用环境 Environmental conditions of installation for use

3.1 安装运行地区海拔不超过1000m (超过1000m在订货时需说明)。

The altitude above sea level of mounting area does not exceed 1000 m (if more than 1000 m, it is necessary to make an explanation when ordering).

3.2 安装运行地区环境温度-25~+45℃ (特殊运行环境在订货时需说明)。

The ambient temperature of mounting area should be -25~+45℃ (if operating under exceptional environment, it is necessary to make an explanation when ordering).

3.3 安装运行地区无导电性或爆炸性尘埃, 无有害气体及蒸汽, 无剧烈的机械震动。

There should be no conductive or explosive dust, no harmful gas and vapor, no severe mechanical vibrations in mounting area.

3.4 安装场所: 户外或户内 Mounting spot: Outdoor or indoor.

四、执行标准 Executive standards

GB/T 11024.1-2001 标称电压1kV以上交流电力系统用并联电容器 第一部分: 总则、性能、试验和定额 安全要求 安装和运行导则

Shunt capacitors for a.c. power systems having a rated voltage above 1kV Part 1: General Performance, testing and rating Safety requirements Guide for installation and operation

GB/T 11024.4-2001 标称电压1kV以上交流电力系统用并联电容器 第四部分: 内部熔丝

Shunt capacitors for a.c. power systems having a rated voltage above 1kV Part 4: Internal fuses

GB 50227-96 并联电容器装置设计规范 Code for design of installation of shunt capacitors

DL/T 840-2003 高压并联电容器使用技术条件 Specification of high-voltage capacitors for order

DL/T 604-1996 高压并联电容器装置订货技术条件

Specification of high-voltage shunt capacitor installations for order

五、结构简介 Main structure of the product

并联电容器装置主要由并联电容器、串联电抗器、放电线圈、氧化锌避雷器、隔离接地开关组成。并联电容器卧放在型钢制成的钢架上, 按照一定的电气要求进行连接, 装置可整体运输、安装方便, 装置还设有安全防护网。装置可根据用户的具体要求进行多种组合方式的设计生产, 户内产品可选用干式或油浸式铁心串联电抗器。

Shunt capacitor installation is composed of shunt capacitors, series reactor, discharge coil, zinc oxide arrester and isolated earthing switch, etc. The capacitors are mounted on the steel rack made of profiled bar and connected according to certain electrical diagram. There are wire fence for safety with the installation. The installation can be transported entirely and mounted readily. The installation can be available for various combine manners at special request of customer. The series reactor with dry or oil-immersed core is optional for indoor products.

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六、主要技术性能 Main technical performances

6.1 装置电容偏差：装置每相的实测电容与标称电容之比不超过0~+5 %，三相间最大和最小电容之比不超过1.02。
The capacitance tolerance of installation: The ratio between measured and rated capacitance in each phase of installation does not exceed 0~+5 %，the ratio of maximum and minimum capacitance among three phases does not exceed 1.02.

6.2 装置能在1.05倍额定电压下长期运行。
The installation can be operated for long time under 1.05 times of rated voltage.

6.3 装置能在方均根值不超过1.3倍额定电流下连续运行，该过电流是由于谐波和过电压造成。
The installation can be continuously operated under the current, the value of which is no more than 1.3 times of rated current of the capacitor bank, the over current is caused by harmonics and over-voltage.

七、订货须知 Notice for ordering

7.1 订货时，用户需提供额定电压、补偿容量、串联电抗率、系统最高电压、装置的保护方式、单台电容器容量以及并联电容器装置母线连接点的系统最大、最小短路容量等参数。
When ordering, customer should offer needed parameters, such as rated voltage, capacity of compensation, ratio of series reactance, maximum voltage of the system, way of installation's protection, rated output of capacitor unit and maximum& minimum short-circuit capacity of system at joints of shunt capacitor installation's bus-bar.

7.2 用户需提供设备安装的海拔高度、环境温度、湿度、安装场地尺寸、污秽情况。
Customer should offer information concerned about the height above sea level, ambient temperature, humidity, size of mounting area and pollution extent, etc.

7.3 如对配套件有特殊要求，请在订货时注明。
If there are special requirements to fittings and accessories, please make notice when ordering.

高压并联电容器装置(单星-开口三角电压保护)技术参数表
Technical data of high voltage shunt capacitor installations

序号	型号规格	电抗率(%)	图号	熔丝类型	串联电抗器型号	电抗器外形尺寸或外径 (mm)	网栏长度 L(mm)	网栏宽度 W(mm)
1	TBB 10- 1200/200 AK	6	1	内/外	CKSC-72/10-6	940×500×1010	4000	3200
2	TBB 10- 1200/200 AK	12	1	内/外	CKSC-144/10-12	1180×650×910	4000	3200
3	TBB 10- 1500/250 AK	6	1	内/外	CKSC-90/10-6	970×500×980	4000	3200
4	TBB 10- 1500/250 AK	12	1	内/外	CKSC-180/10-12	1180×650×1040	4000	3200
5	TBB 10- 1800/300 AK	6	1	内/外	CKSC-108/10-6	980×500×1100	4000	3200
6	TBB 10- 1800/300 AK	12	1	内/外	CKSC-216/10-12	1220×650×1030	4000	3200
7	TBB 10- 2400/267 AK	6	1	内/外	CKSC-144/10-6	1145×660×975	4000	3200
8	TBB 10- 2400/267 AK	12	1	内/外	CKSC-288/10-12	1250×650×1160	4000	3200
9	TBB 10- 3600/300 AK	6	1	内/外	CKSC-216/10-6	1240×650×1020	4400	3200
10	TBB 10- 3600/300 AK	12	1	内/外	CKSC-432/10-12	1360×760×1200	4400	3200
11	TBB 10- 4200/350 AK	6	1	内	CKSC-252/10-6	1250×650×1110	4400	3400
12	TBB 10- 4200/350 AK	12	1	内	CKSC-504/10-12	1360×760×1350	4400	3400
13	TBB 10- 4800/400 AK	6	1	内	CKSC-288/10-6	1280×650×1080	4400	3400
14	TBB 10- 4800/400 AK	12	1	内	CKSC-576/10-12	1430×920×1300	4800	3400
15	TBB 10- 5000/417 AK	6	1	内	CKSC-300/10-6	1300×650×1100	4400	3400
16	TBB 10- 5000/417 AK	12	1	内	CKSC-600/10-12	1460×920×1270	4800	3400
17	TBB 10- 6000/500 AK	6	1	内	CKSC-360/10-6	1310×760×1180	4400	3600
18	TBB 10- 6000/500 AK	12	1	内	CKSC-720/10-12	1490×920×1390	4800	3600
19	TBB 10- 7200/400 AK	6	1	内	CKSC-432/10-6	1390×760×1160	5000	3400
20	TBB 10- 7200/400 AK	12	1	内	CKSC-864/10-12	1580×920×1410	5000	3400
21	TBB 10-10000/417 AK	6	1	内	CKSC-600/10-6	1570×920×1200	5200	3400
22	TBB 10-10000/417 AK	12	1	内	CKSC-1200/10-12	1750×920×1480	5200	3400
23	TBB 10- 1200/200 AKW	6	2	内/外	CKGKL-24/10-6	860	4600	3000
24	TBB 10- 1200/200 AKW	12	2	内/外	CKGKL-48/10-12	890	4600	3000
25	TBB 10- 1500/250 AKW	6	2	内/外	CKGKL-30/10-6	930	4600	3000
26	TBB 10- 1500/250 AKW	12	2	内/外	CKGKL-60/10-12	1110	4600	3000
27	TBB 10- 1800/300 AKW	6	2	内/外	CKGKL-36/10-6	990	4600	3000
28	TBB 10- 1800/300 AKW	12	2	内/外	CKGKL-72/10-12	1100	4600	3000
29	TBB 10- 2400/267 AKW	6	2	内/外	CKGKL-48/10-6	880	4800	3000
30	TBB 10- 2400/267 AKW	12	2	内/外	CKGKL-96/10-12	1140	4800	3000
31	TBB 10- 3000/334 AKW	6	2	内/外	CKGKL-60/10-6	1100	4800	3200
32	TBB 10- 3000/334 AKW	12	2	内/外	CKGKL-120/10-12	1250	5000	3200
33	TBB 10- 3600/300 AKW	6	2	内/外	CKGKL-72/10-6	1145	4800	3200
34	TBB 10- 3600/300 AKW	12	2	内/外	CKGKL-144/10-12	1340	5000	3200
35	TBB 10- 4200/350 AKW	6	3	内	CKGKL-84/10-6	1095	5000	3400
36	TBB 10- 4200/350 AKW	12	3	内	CKGKL-168/10-12	1230	5400	3400

高压并联电容器装置

High-Voltage Shunt Capacitor Installations

一流的设备 一流的管理 一流的服务

一流的材料 一流的产品

序号	型号规格	电抗率(%)	图号	熔丝类型	串联电抗器型号	电抗器外形尺寸或外径(mm)	网栏长度L(mm)	网栏宽度W(mm)
37	TBB 10- 4800/400 AKW	6	3	内	CKGKL-96/10-6	1200	5600	3600
38	TBB 10- 4800/400 AKW	12	3	内	CKGKL-192/10-12	1360	5600	3600
39	TBB 10- 5000/417 AKW	6	3	内	CKGKL-100/10-6	1165	5600	3600
40	TBB 10- 5000/417 AKW	12	3	内	CKGKL-200/10-12	1225	5600	3600
41	TBB 10- 6000/500 AKW	6	3	内	CKGKL-120/10-6	1210	6000	3600
42	TBB 10- 6000/500 AKW	12	3	内	CKGKL-240/10-12	1210	6000	3600
43	TBB 10- 7200/400 AKW	6	3	内	CKGKL-144/10-6	1310	6000	4000
44	TBB 10- 7200/400 AKW	12	3	内	CKGKL-288/10-12	1140	6800	4000
45	TBB 10-10000/417 AKW	6	3	内	CKGKL-200/10-6	1275	6400	7400
46	TBB 10-10000/417 AKW	12	3	内	CKGKL-400/10-12	1410	6800	8800
47	TBB 10-12000/500 AKW	6	3	内	CKGKL-240/10-6	1320	6600	7600
48	TBB 10-12000/500 AKW	12	3	内	CKGKL-480/10-12	1680	7000	8600
49	TBB 35- 6000/500 AKW	6	4	内	CKGKL-120/35-6	1210	6600	7600
50	TBB 35- 6000/500 AKW	12	4	内	CKGKL-240/35-12	1440	7200	9000
51	TBB 35- 7200/400 AKW	6	4	内	CKGKL-144/35-6	1250	7000	8200
52	TBB 35- 7200/400 AKW	12	4	内	CKGKL-288/35-12	1430	7800	9600
53	TBB 35- 8400/350 AKW	6	4	内	CKGKL-168/35-6	1300	6800	8200
54	TBB 35- 8400/350 AKW	12	4	内	CKGKL-336/35-12	1540	7600	9600
55	TBB 35-10000/417 AKW	6	4	内	CKGKL-200/35-6	1400	7400	8600
56	TBB 35-10000/417 AKW	12	4	内	CKGKL-400/35-12	1650	8000	10200
57	TBB 35-12000/500 AKW	6	4	内	CKGKL-240/35-6	1320	5200	3400
58	TBB 35-12000/500 AKW	12	4	内	CKGKL-480/35-12	1680	5600	3400
59	TBB 35-16000/534 AKW	6	4	内	CKGKL-320/35-6	1480	5600	3600
60	TBB 35-16000/534 AKW	12	4	内	CKGKL-640/35-12	1750	5600	3600

备注:

1. 推荐采用内熔丝电容器, 部分单台容量334kvar以下电容器为外熔丝保护。

2. 可提供电抗率1%及以下的电抗器和阻尼器, 并可按用户需求制造非标产品。

3. 额定容量为12000kvar及以上的电容器装置建议采用双星形接线。

4. 以上数据仅供参考, 根据不同的配置我公司可能更改个别数据。

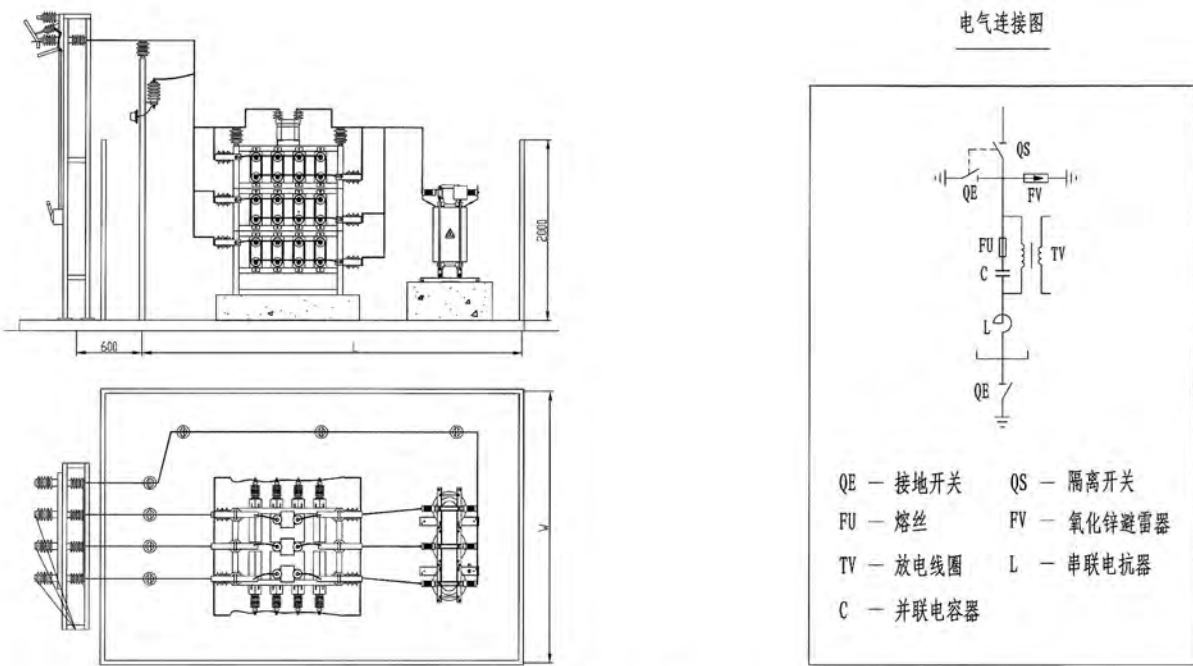


图1 单星形-开口三角电压保护 (10kV-户内)

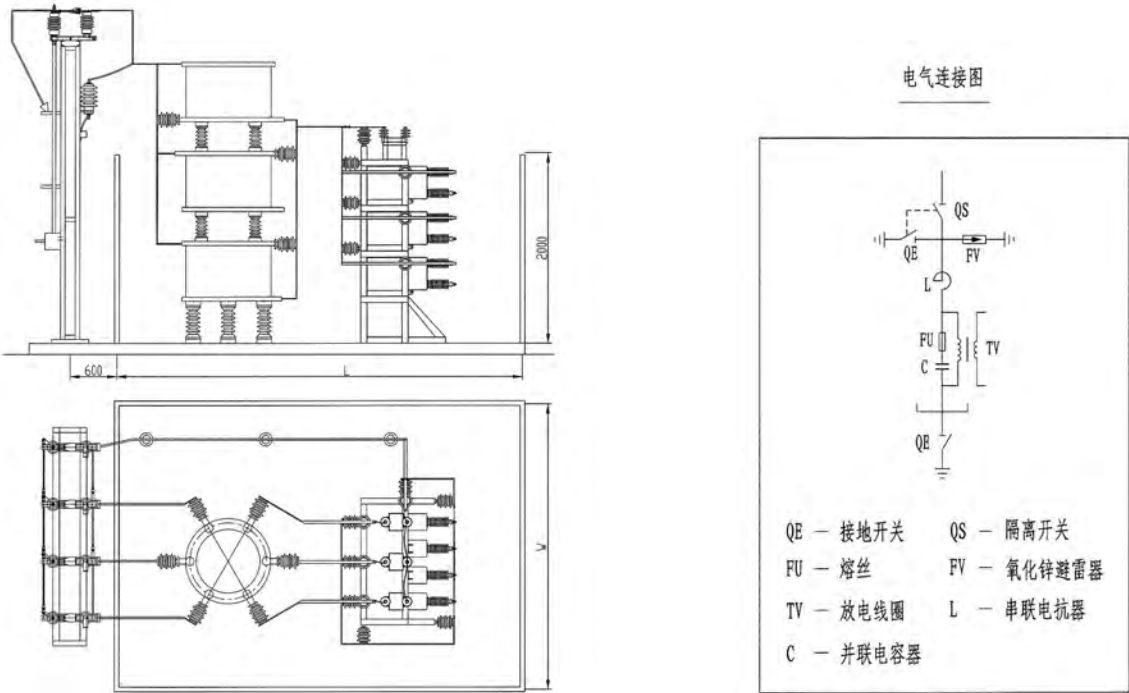


图2 单星形-开口三角电压保护 (10kV-户外小容量)

高压并联电容器装置

High-Voltage Shunt Capacitor Installations

一流的设备

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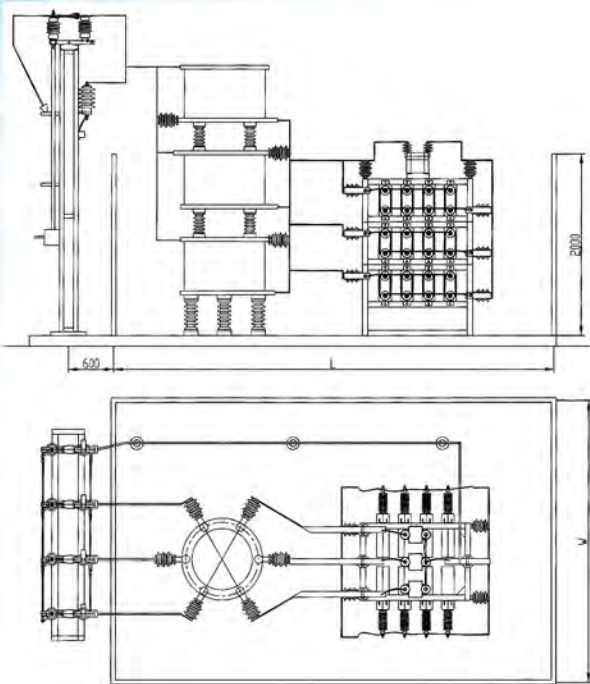


图3 单星形-开口三角电压保护
(10kV-户外大容量)

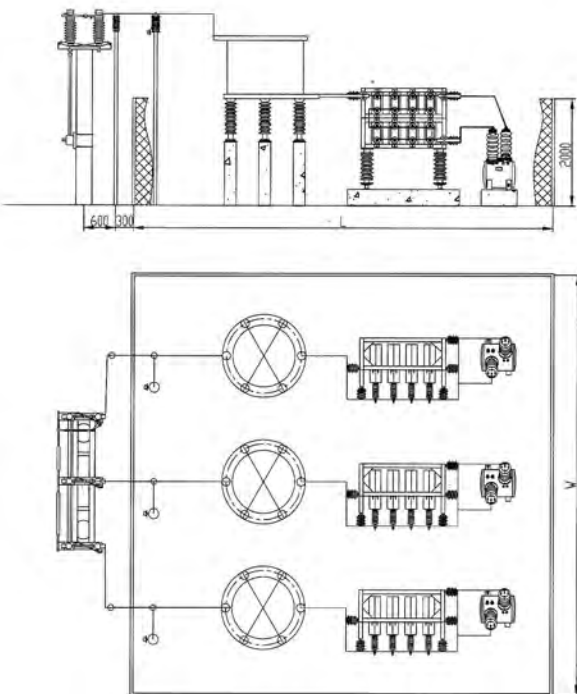
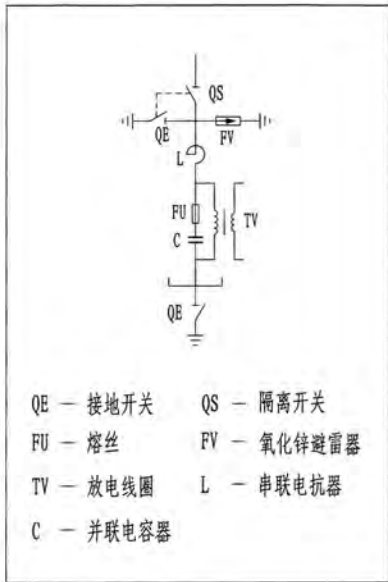
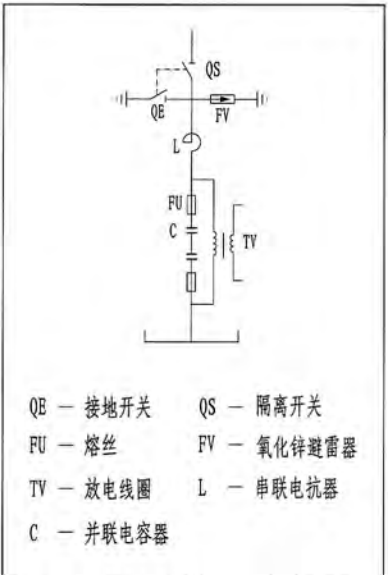


图4 单星形-开口三角电压保护
(35kV-户外)

电气连接图



电气连接图



高压并联电容器装置（单星-电压差动保护）技术参数表
Technical data of high voltage shunt capacitor installations

序号	型号规格	电抗率(%)	图号	熔丝类型	空心电抗器型号	电抗器外径(mm)	围栏长度L(mm)	围栏宽度W(mm)
1	TBB 35- 6012/334 ACW	6	5	外	CKK-120/35-6	1300	5800	7600
2	TBB 35- 6012/334 ACW	12	5	外	CKK-240/35-12	1740	6800	10000
3	TBB 35- 8016/334 ACW	6	5	外	CKK-160/35-6	1300	5800	7600
4	TBB 35- 8016/334 ACW	12	5	外	CKK-320/35-12	1540	6200	9200
5	TBB 35-10020/334 ACW	6	5	外	CKK-200/35-6	1180	5800	8200
6	TBB 35-10020/334 ACW	12	5	外	CKK-400/35-12	1720	6800	10000
7	TBB 35-12000/500 ACW	6	5	内	CKK-240/35-6	1240	5800	7400
8	TBB 35-12000/500 ACW	12	5	内	CKK-480/35-12	1690	6800	10000
9	TBB 35-16032/334 ACW	6	6	内	CKK-320/35-6	1320	7200	9000
10	TBB 35-16032/334 ACW	12	6	内	CKK-640/35-12	1660	8200	9800
11	TBB 35-20000/417 ACW	6	6	内	CKK-400/35-6	1350	7600	9000
12	TBB 35-20000/417 ACW	12	6	内	CKK-800/35-12	1570	8200	9200
13	TBB 35-24000/500 ACW	6	6	内	CKK-480/35-6	1550	8400	9000
14	TBB 35-24000/500 ACW	12	6	内	CKK-960/35-12	1620	8400	9400
15	TBB 35-30000/500 ACW	6	6	内	CKK-600/35-6	1730	8800	10000
16	TBB 35-30000/500 ACW	12	6	内	CKK-1200/35-12	1880	9200	11000
17	TBB 35-36000/500 ACW	6	6	内	CKK-720/35-6	1780	8800	10600
18	TBB 35-36000/500 ACW	12	6	内	CKK-1440/35-12	1885	9200	11000
19	TBB 35-40000/417 ACW	6	6	内	CKK-800/35-6	1800	8600	10400
20	TBB 35-40000/417 ACW	12	6	内	CKK-1600/35-12	1735	8400	10000
21	TBB 35-60000/500 ACW	6	6	内	CKK-1200/35-6	1820	8600	10600
22	TBB 35-60000/500 ACW	12	6	内	CKK-2400/35-12	1770	8400	10200

备注:

1. 推荐采用内熔丝电容器, 部分单台容量334kvar以下电容器为外熔丝保护。
2. 可提供电抗率1%及以下的电抗器和阻尼器, 并可按用户需求制造非标产品。
3. 额定容量为12000kvar及以上的电容器装置建议采用双星形接线。
4. 以上数据仅供参考, 根据不同的配置我公司可能更改个别数据。

高压并联电容器装置

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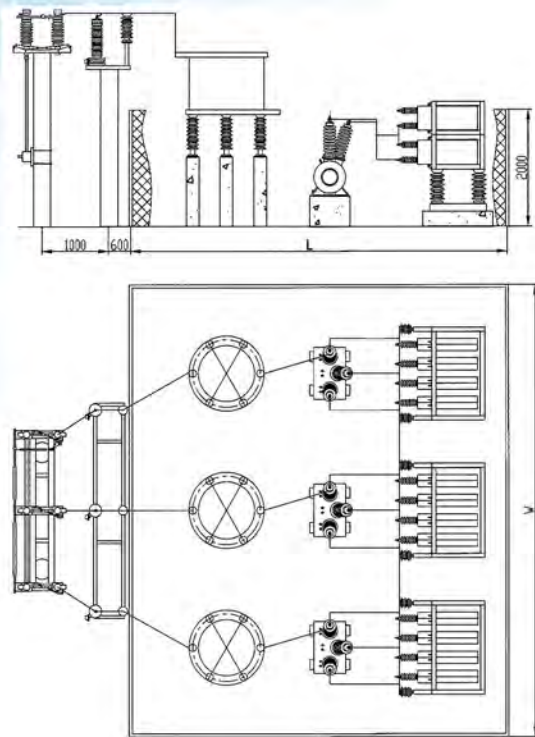


图5 单星形-电压差动保护
(35kV-户外小容量)

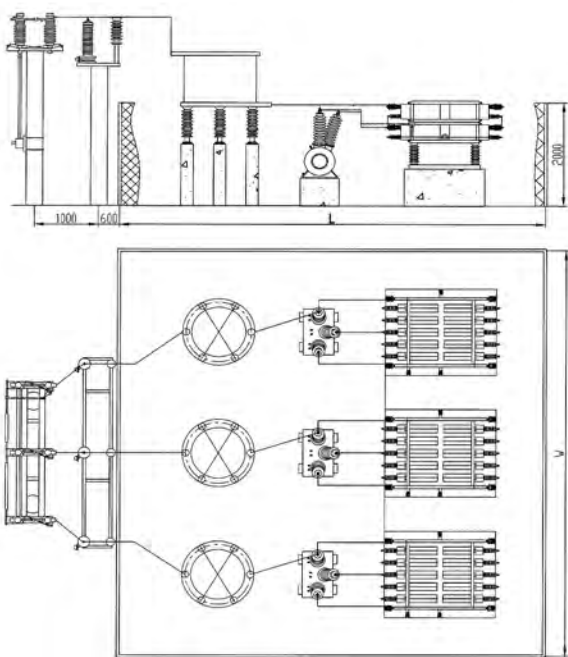
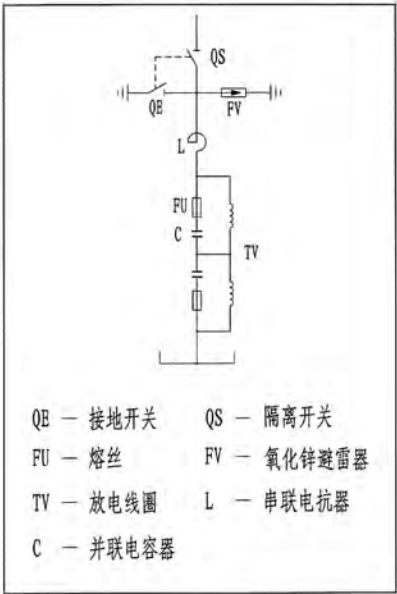
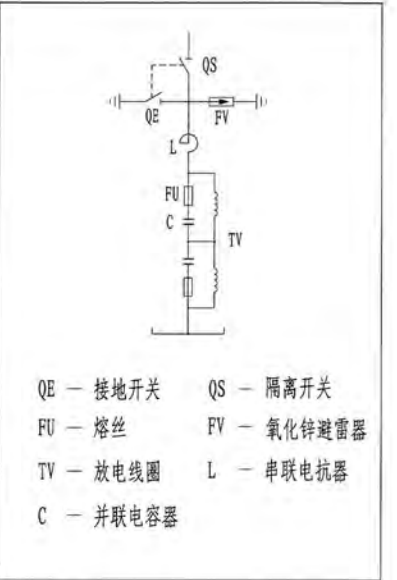


图6 单星形-电压差动保护
(35kV-户外大容量)

电气连接图



电气连接图



高压并联电容器装置（双星-中性点不平衡电流保护）技术参数表
Technical data of high voltage shunt capacitor installations

序号	型号规格	电抗率(%)	图号	熔丝类型	空心电抗器型号	电抗器外径(mm)	围栏长度L(mm)	围栏宽度W(mm)
1	TBB 10- 4800/200 BLW	6	7	内/外	CKGKL- 96/10-6	1200	6600	3600
2	TBB 10- 4800/200 BLW	12	7	内/外	CKGKL-192/10-12	1360	7800	3600
3	TBB 10- 6000/250 BLW	6	7	内/外	CKGKL-120/10-6	1210	6600	3600
4	TBB 10- 6000/250 BLW	12	7	内/外	CKGKL-240/10-12	1440	7800	4000
5	TBB 10- 8000/334 BLW	6	7	内/外	CKGKL-160/10-6	1250	6800	4000
6	TBB 10- 8000/334 BLW	12	7	内/外	CKGKL-320/10-12	1280	7000	4000
7	TBB 10- 9000/300 BLW	6	7	内/外	CKGKL-180/10-6	1335	7800	4000
8	TBB 10- 9000/300 BLW	12	7	内/外	CKGKL-360/10-12	1445	7800	4000
9	TBB 10-10000/417 BLW	6	7	内	CKGKL-200/10-6	1275	7200	3600
10	TBB 10-10000/417 BLW	12	7	内	CKGKL-400/10-12	1410	7200	3600
11	TBB 10-12000/500 BLW	6	7	内	CKGKL-240/10-6	1320	7800	4000
12	TBB 10-12000/500 BLW	12	7	内	CKGKL-480/10-12	1680	7800	4000
13	TBB 10-15000/500 BLW	6	7	内	CKGKL-300/10-6	1620	8000	4000
14	TBB 10-15000/500 BLW	12	7	内	CKGKL-600/10-12	1860	8400	4400
15	TBB 35- 8400/350 BLW	6	8	内	CKGKL-168/35-6	1300	8000	7600
16	TBB 35- 8400/350 BLW	12	8	内	CKGKL-336/35-12	1540	8400	9200
17	TBB 35-10000/417 BLW	6	8	内	CKGKL-200/35-6	1400	8000	8200
18	TBB 35-10000/417 BLW	12	8	内	CKGKL-400/35-12	1650	8600	9600
19	TBB 35-16000/500 BLW	6	8	内	CKGKL-320/35-6	1480	8400	8600
20	TBB 35-16000/500 BLW	12	8	内	CKGKL-640/35-12	1750	9200	10200
21	TBB 35-20000/417 BLW	6	8	内	CKGKL-400/35-6	1550	8600	9000
22	TBB 35-20000/417 BLW	12	8	内	CKGKL-800/35-12	1800	9200	10400
23	TBB 35-24000/500 BLW	6	8	内	CKGKL-480/35-6	1680	9000	9800
24	TBB 35-24000/500 BLW	12	8	内	CKGKL-960/35-12	1800	9200	10400
25	TBB 35-40000/417 BLW	6	8	内	CKGKL-800/35-6	1800	9000	10400
26	TBB 35-40000/417 BLW	12	8	内	CKGKL-1600/35-12	1735	8800	10000
27	TBB 35-50000/520 BLW	6	8	内	CKGKL-1000/35-6	1820	9600	10600
28	TBB 35-50000/520 BLW	12	8	内	CKGKL-2000/35-12	1850	9800	10800
29	TBB 35-60000/500 BLW	6	8	内	CKGKL-1200/35-6	1660	9000	9600
30	TBB 35-60000/500 BLW	12	8	内	CKGKL-2400/35-12	1770	9200	10200

备注:
1. 推荐采用内熔丝电容器, 部分单台容量334kvar以下电容器为外熔丝保护。
2. 可提供电抗率1%及以下的电抗器和阻尼器, 并可按用户需求制造非标产品。
3. 以上数据仅供参考, 根据不同的配置我公司可能更改个别数据。

高压并联电容器装置

High-Voltage Shunt Capacitor Installations

一流的设备

一流的管理

一流的服务

一流的材料

一流的产品

高压并联电容器装置（单星-桥式差电流保护）技术参数表
Technical data of high voltage shunt capacitor installations

序号	型号规格	电抗率(%)	图号	熔丝类型	空心电抗器型号	电抗器外径(mm)	围栏长度L(mm)	围栏宽度W(mm)
1	TBB 66-8016/334 AQW	6	9	外	CKGKL-160/66-6	1350	7800	8600
2	TBB 66-8016/334 AQW	12	9	外	CKGKL-320/66-12	1620	8000	9600
3	TBB 66-10008/417 AQW	6	9	内	CKGKL-200/66-6	1400	7800	8800
4	TBB 66-10008/417 AQW	12	9	内	CKGKL-400/66-12	1780	8200	10600
5	TBB 66-12000/500 AQW	6	9	内	CKGKL-240/66-6	1430	7800	8800
6	TBB 66-12000/500 AQW	12	9	内	CKGKL-480/66-12	1840	8400	11000
7	TBB 66-16032/334 AQW	6	9	内	CKGKL-320/66-6	1650	8200	10000
8	TBB 66-16032/334 AQW	12	9	内	CKGKL-640/66-12	1870	8600	11000
9	TBB 66-20016/417 AQW	6	9	内	CKGKL-400/66-6	1780	8200	11000
10	TBB 66-20016/417 AQW	12	9	内	CKGKL-800/66-12	1800	8400	11000
11	TBB 66-24048/334 AQW	6	9	内	CKGKL-480/66-6	1840	8600	11400
12	TBB 66-24048/334 AQW	12	9	内	CKGKL-960/66-12	1800	8400	11000
13	TBB 66-30024/417 AQW	6	9	内	CKGKL-600/66-6	1860	8600	11400
14	TBB 66-30024/417 AQW	12	9	内	CKGKL-1200/66-12	1880	8600	11400
15	TBB 66-36000/500 AQW	6	9	内	CKGKL-720/66-6	1780	8200	10000
16	TBB 66-36000/500 AQW	12	9	内	CKGKL-1440/66-12	1885	8600	11400
17	TBB 66-40032/417 AQW	6	9	内	CKGKL-800/66-6	1900	8800	12000
18	TBB 66-40032/417 AQW	12	9	内	CKGKL-1600/66-12	1900	8800	12000
19	TBB 66-50040/417 AQW	6	9	内	CKGKL-1000/66-6	1900	8800	12000
20	TBB 66-50040/417 AQW	12	9	内	CKGKL-2000/66-12	1900	8800	12000
21	TBB 66-60000/500 AQW	6	9	内	CKGKL-1200/66-6	1900	8800	12000
22	TBB 66-60000/500 AQW	12	9	内	CKGKL-2400/66-12	1900	8800	12000

备注:
1. 推荐采用内熔丝电容器, 部分单台容量334kvar电容器为外熔丝, 并可按用户需求制造非标产品。
2. 以上数据仅供参考, 根据不同的配置我公司可能更改个别数据。

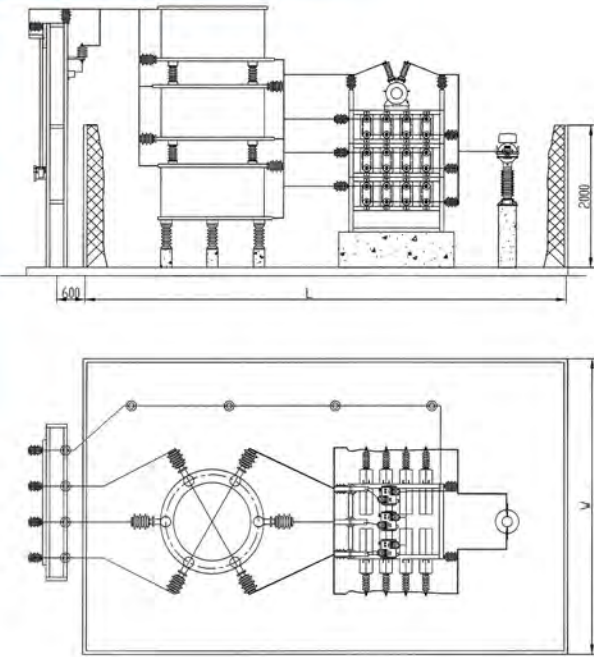


图7 双星形-中性点不平衡电流保护
(10kV-户外)

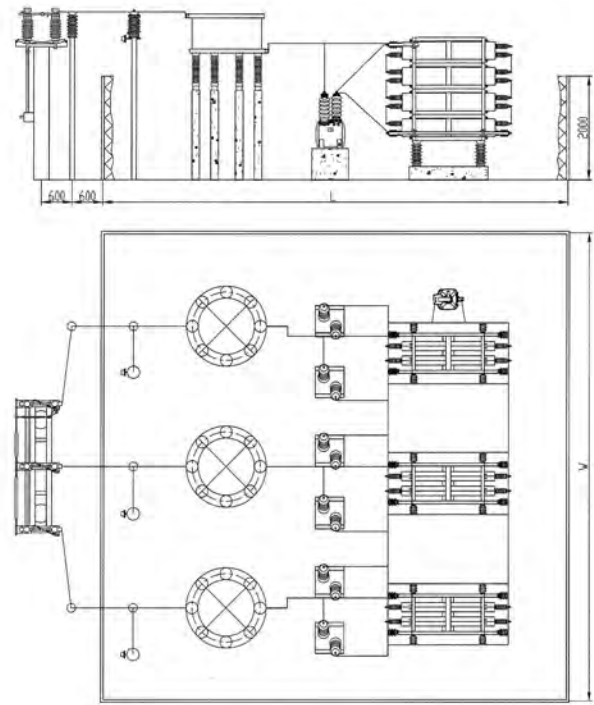
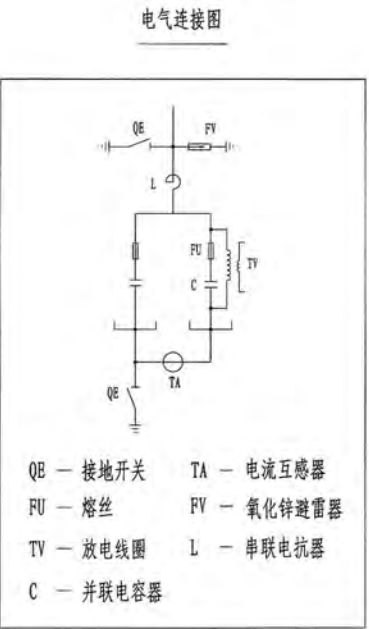
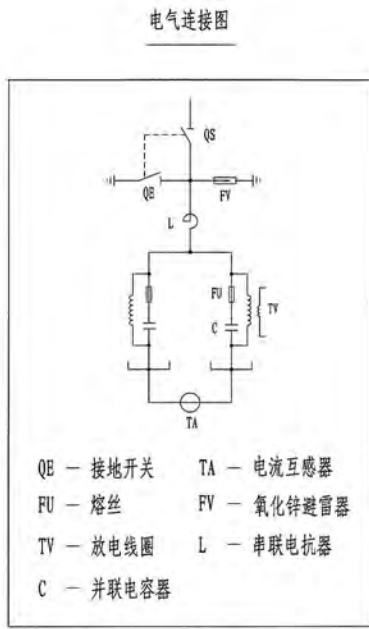


图8 双星形-中性点不平衡电流保护
(35kV-户外)



高压并联电容器装置

High-Voltage Shunt Capacitor Installations

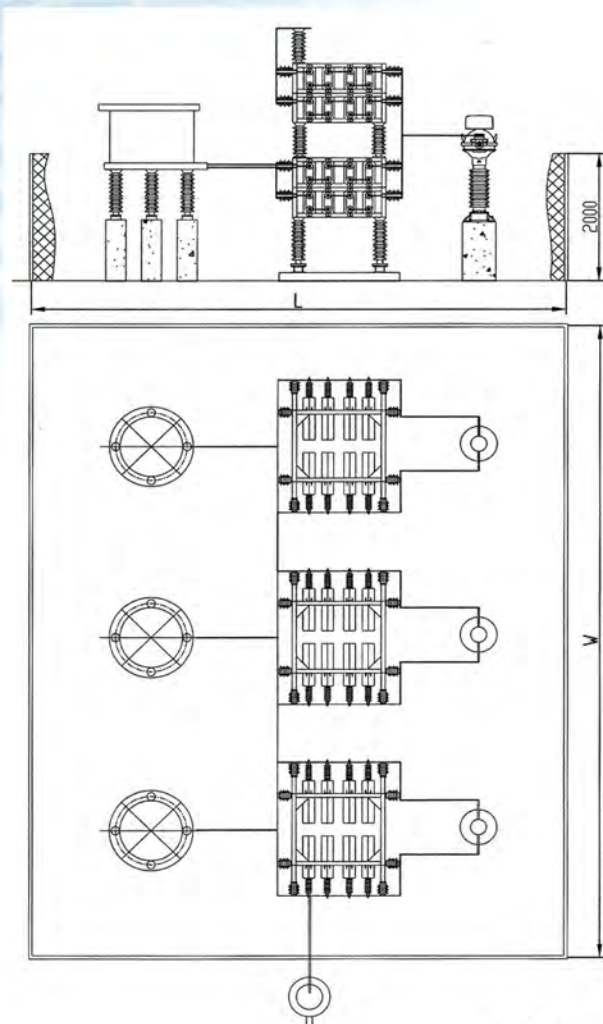
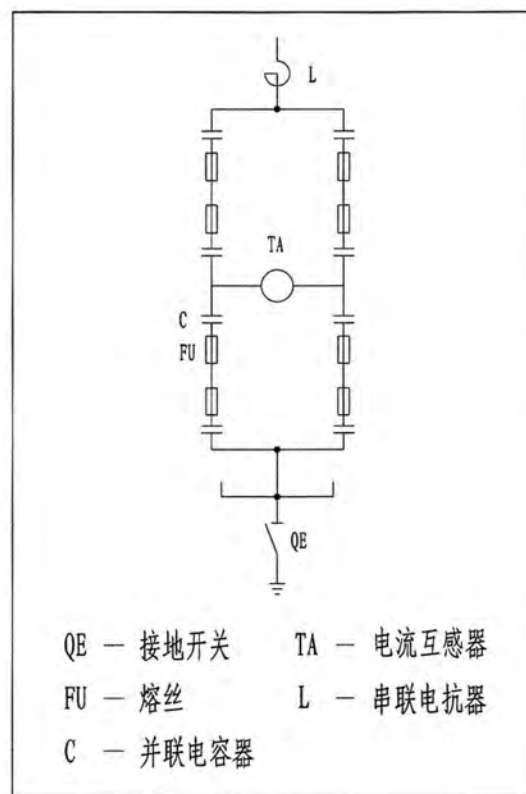


图9 单星形-桥式差电流保护
(66kV-户外)

电气连接图



集合式高压并联电容器

High Voltage Assembling Shunt Capacitor

一、概述 Summarize

集合式高压并联电容器主要用于提高工频电力系统的功率因数、改善回路特性、降低设备及线路损耗。产品具有安装简便、使用安全和占地面积小等优点，特别适用于安装场地较小的场合。

The high voltage assembling shunt capacitor is used for power factor correction, improving circuit characters, reducing losses of equipments and lines. The product has the advantages of easy installing, safe operation, smaller installing area requirement, etc., it is especially suitable for the situation of smaller installation space.



二、型号及其含义 Type and its meaning

例：B A M H 11/ $\sqrt{3}$ -5000-1×3 W

户外式 (户内式此字母不标出) For outdoor use
内部接线方式Way of internal wiring:
1单相 single phase;
1×3三个单相 three single phases;
3内部接成星形wiring inside in Y-type
额定容量 Rated output: kvar
额定电压 Rated voltage: kV
集合式 Assembly type
电容器单元中固体介质: 全膜
Solid dielectric of the units: all film
电容器单元中液体介质: 苄基甲苯
Liquid dielectric of the units: benzyl toluene
并联电容器 Shunt capacitor

三、使用条件 Operation conditions

- ① 安装运行地区海拔高度不超过2000m。The height above sea level of installation site does not exceed 2000 m.
- ② 安装地区环境范围-40~+45℃。The ambient air temperature range is -40~ +45℃ .
- ③ 安装场地应无有害气体蒸汽及导电性或爆炸性尘埃，应无剧烈的机械振动。There shall be no harmful gas, vapor and conductive or explosive dust, no intense mechanical vibrations at the installation site.

四、执行标准 Executive standards

GB/T11024-2001和IEC60871-1:1997《标称电压1kV以上交流电力系统用并联电容器》

Shunt capacitors for a.c. power systems having a rated voltage above 1kV

JB7112-2000《集合式高压并联电容器》High voltage shunt capacitor of the assembling type

DL/T 628-1997《集合式高压并联电容器订货技术条件》

Specification of collective high voltage shunt capacitor for order

DL/T 840-2003《高压并联电容器技术条件》Specification of high voltage shunt capacitor

集合式高压并联电容器

High Voltage Assembling Shunt Capacitor

一流的设备

一流的管理

一流的服务

一流的材料

一流的产品

五、主要技术性能 Main technical performances

① 电容器的连续运行电压不大于 $1.05U_n$ ，并可以在 $1.1U_n$ 下每24h中运行不超过8h。

Continuous operation of the capacitor up to 1.05 time of rated voltage is permitted and operation under 1.1 times of rated voltage of up to 8 hours daily is also allowed

② 电容器允许在由于过电压和高次谐波造成的方均根值不超过 $1.3I_n$ 的稳定过电流下连续运行。

Continuous operation of the capacitors under steady over-current (rms) which has the value of up to 1.3 times of rated current caused by over-voltage and harmonics is permitted.

③ 电容器的电容偏差为额定值的 $0\sim+5\%$ ，三相电容器任何两个线路端子之间电容的最大值与最小值之比不大于1.02。

The capacitance tolerance of the capacitors is $0\sim+5\%$ of rated value. The ratio between the maximum and the minimum capacitance value of any two line terminals of three-phase capacitor does not exceed 1.02.

④ 电容器在工频额定电压、 20°C 时的损耗正切值不大于0.0003。

Under rated power frequency and at the temperature of 20°C , the tangent of the loss angle of the capacitors does not exceed 0.0003.

⑤ 电容器为户外式产品，亦可装于户内使用，并可根据用户的需要提供湿热带产品、高原地区及污秽地区等各种特殊环境用的产品。

The capacitors are for outdoor use, but they can be for indoor use also. The capacitors used for specific environment such as tropical area, plateau and pollution area, etc. are available according to customer's request.

六、结构特点 Construction features

集合式并联电容器内部电容器单元选用进口绝缘介质，采用先进的铝箔折边及内熔丝新结构，用进口美国希尔顿全自动卷制机、日本莫托曼焊接和油漆机器人等一系列先进的生产流水线使电容器单元各项技术性能优异。

The imported insulation dielectrics are used for the capacitor units inside assembling capacitor. The advanced folded aluminum foil edge's construction and the technology of advanced internal fuse are adopted into capacitor unit design. The production is carried out by means of several imported automatic equipments, such as Hilton's Optima winding machine imported from US, Motoman's welding and painting robots from Japan. Thus, our capacitor units have excellent performances.

集合式并联电容器外壳采用优质钢板制造。根据油补偿器结构的不同可分为：普通油枕式和全密封式集合式并联电容器。全密封集合式并联电容器箱壳内的绝缘油与大气隔绝，更好地保证绝缘油的质量，绝缘油随温度变化而产生的体积变化用金属膨胀器来补偿，产品体积小，外形美观。

The tank of assembling shunt capacitor is made of quality steel sheet. Two kinds of assembling capacitor can be differentiated by their construction: general assembling shunt capacitor with conservator and all-closed assembling shunt capacitor. The insulation oil inside the tank of all-closed assembling shunt capacitor is isolated from atmosphere. The quality of insulation oil will be better guaranteed. Along with changing of temperature, the oil volume variation is compensated by metal expander. The products have smaller dimensions and artistic appearance.

集合式并联电容器技术参数表

Technical data of Assembling Shunt Capacitor

序号	型号规格	额定电压 (kV)	额定容量 (kvar)	额定电流 (A)	外形尺寸 L×W×H (mm)	安装尺寸 A×B (mm)	油重 (kg)	总重量 (kg)
1	BAMH6.6/3-600-1×3W	6.6/3	600	52.5	1500×750×1520	660×650	190	550
2	BAMH6.6/3-900-1×3W	6.6/3	900	78.7	1500×750×1770	660×650	220	650
3	BAMH6.6/3-1200-1×3W	6.6/3	1200	104.9	1660×750×1520	660×650	235	770
4	BAMH6.6/3-1500-1×3W	6.6/3	1500	131.2	1660×750×1650	660×650	260	880
5	BAMH6.6/3-1800-1×3W	6.6/3	1800	157.4	1660×750×1770	660×650	290	970
6	BAMH6.6/3-2100-1×3W	6.6/3	2100	183.7	1800×750×1700	660×650	310	1050
7	BAMH6.6/3-2400-1×3W	6.6/3	2400	209.9	1800×750×1770	660×650	360	1210
8	BAMH6.6/3-3000-1×3W	6.6/3	3000	262.4	1600×1150×1600	660×1050	430	1420
9	BAMH6.6/3-3600-1×3W	6.6/3	3600	314.9	1600×1150×1730	660×1050	480	1560
10	BAMH6.6/3-4200-1×3W	6.6/3	4200	367.4	1800×1150×1650	660×1050	520	1720
11	BAMH6.6/3-4800-1×3W	6.6/3	4800	419.8	1800×1150×1730	660×1050	550	1860
12	BAMH6.6/3-5000-1×3W	6.6/3	5000	437.4	1800×1150×1780	660×1050	580	1910
13	BAMH6.6/3-5400-1×3W	6.6/3	5400	472.3	2200×1150×1700	820×1050	590	1970
14	BAMH6.6/3-6000-1×3W	6.6/3	6000	524.8	1880×1300×2100	660×1200	630	2130
15	BAMH7.2/3-1500-1×3W	7.2/3	1500	120.3	1660×750×1650	660×650	260	880
16	BAMH7.2/3-1800-1×3W	7.2/3	1800	144.3	1660×750×1770	660×650	290	970
17	BAMH7.2/3-2100-1×3W	7.2/3	2100	168.4	1800×750×1700	660×650	310	1050
18	BAMH7.2/3-2400-1×3W	7.2/3	2400	192.4	1800×750×1770	660×650	360	1210
19	BAMH7.2/3-3000-1×3W	7.2/3	3000	240.6	1600×1150×1600	660×1050	430	1420
20	BAMH7.2/3-3600-1×3W	7.2/3	3600	288.7	1600×1150×1730	660×1050	480	1560
21	BAMH7.2/3-4200-1×3W	7.2/3	4200	336.8	1800×1150×1650	660×1050	520	1720
22	BAMH7.2/3-4800-1×3W	7.2/3	4800	384.9	1800×1150×1730	660×1050	550	1860
23	BAMH7.2/3-5000-1×3W	7.2/3	5000	400.9	1800×1150×1780	660×1050	580	1910
24	BAMH7.2/3-5400-1×3W	7.2/3	5400	433.0	2200×1150×1700	820×1050	590	1970
25	BAMH7.2/3-6000-1×3W	7.2/3	6000	481.1	1880×1300×2100	660×1200	630	2130
26	BAMH11/3-600-1×3W	11/3	600	31.5	1500×750×1520	660×650	190	550
27	BAMH11/3-900-1×3W	11/3	900	47.2	1500×750×1770	660×650	220	650
28	BAMH11/3-1200-1×3W	11/3	1200	63.0	1660×750×1520	660×650	235	770
29	BAMH11/3-1500-1×3W	11/3	1500	78.7	1660×750×1650	660×650	260	880
30	BAMH11/3-1800-1×3W	11/3	1800	94.5	1660×750×1770	660×650	290	970
31	BAMH11/3-2100-1×3W	11/3	2100	110.2	1800×750×1700	660×650	310	1050
32	BAMH11/3-2400-1×3W	11/3	2400	126.0	1800×750×1770	660×650	360	1210
33	BAMH11/3-3000-1×3W	11/3	3000	157.5	1600×1150×1600	660×1050	430	1420
34	BAMH11/3-3600-1×3W	11/3	3600	188.9	1600×1150×1730	660×1050	480	1560
35	BAMH11/3-4200-1×3W	11/3	4200	220.4	1800×1150×1650	660×1050	520	1720
36	BAMH11/3-4800-1×3W	11/3	4800	251.9	1800×1150×1730	660×1050	550	1860
37	BAMH11/3-5000-1×3W	11/3	5000	262.4	1800×1150×1780	660×1050	580	1910
38	BAMH11/3-5400-1×3W	11/3	5400	283.4	2200×1150×1700	820×1050	590	1970
39	BAMH11/3-6000-1×3W	11/3	6000	314.9	1880×1300×2100	660×1200	630	2130
40	BAMH11/3-6600-1×3W	11/3	6600	346.4	1880×1300×2100	660×1200	670	2300
41	BAMH11/3-7200-1×3W	11/3	7200	377.9	1880×1500×2100	660×1400	690	2500
42	BAMH12/3-600-1×3W	12/3	600	28.9	1500×750×1520	660×650	190	550
43	BAMH12/3-900-1×3W	12/3	900	43.3	1500×750×1770	660×650	220	650
44	BAMH12/3-1200-1×3W	12/3	1200	57.7	1660×750×1520	660×650	235	770
45	BAMH12/3-1500-1×3W	12/3	1500	72.2	1660×750×1650	660×650	260	880
46	BAMH12/3-1800-1×3W	12/3	1800	86.6	1660×750×1770	660×650	290	970
47	BAMH12/3-2100-1×3W	12/3	2100	101.0	1800×750×1700	660×650	310	1050
48	BAMH12/3-2400-1×3W	12/3	2400	115.5	1800×750×1770	660×650	360	1210
49	BAMH12/3-3000-1×3W	12/3	3000	144.3	1600×1150×1600	660×1050	430	1420
50	BAMH12/3-3600-1×3W	12/3	3600	173.2	1600×1150×1730	660×1050	480	1560
51	BAMH12/3-4200-1×3W	12/3	4200	202.1	1800×1150×1650	660×1050	520	1720
52	BAMH12/3-4800-1×3W	12/3	4800	230.9	1800×1150×1730	660×1050	550	1860
53	BAMH12/3-5000-1×3W	12/3	5000	240.6	1800×1150×1780	660×1050	580	1910
54	BAMH12/3-5400-1×3W	12/3	5400	259.8	2200×1150×1700	820×1050	590	1970
55	BAMH12/3-6000-1×3W	12/3	6000	288.7	1880×1300×2100	660×1200	630	2130
56	BAMH12/3-6600-1×3W	12/3	6600	317.6	1880×1300×2100	660×1200	670	2300
57	BAMH12/3-7200-1×3W	12/3	7200	346.4	1880×1500×2100	660×1400	690	2500

集合式高压并联电容器

High Voltage Assembling Shunt Capacitor

一流的设备

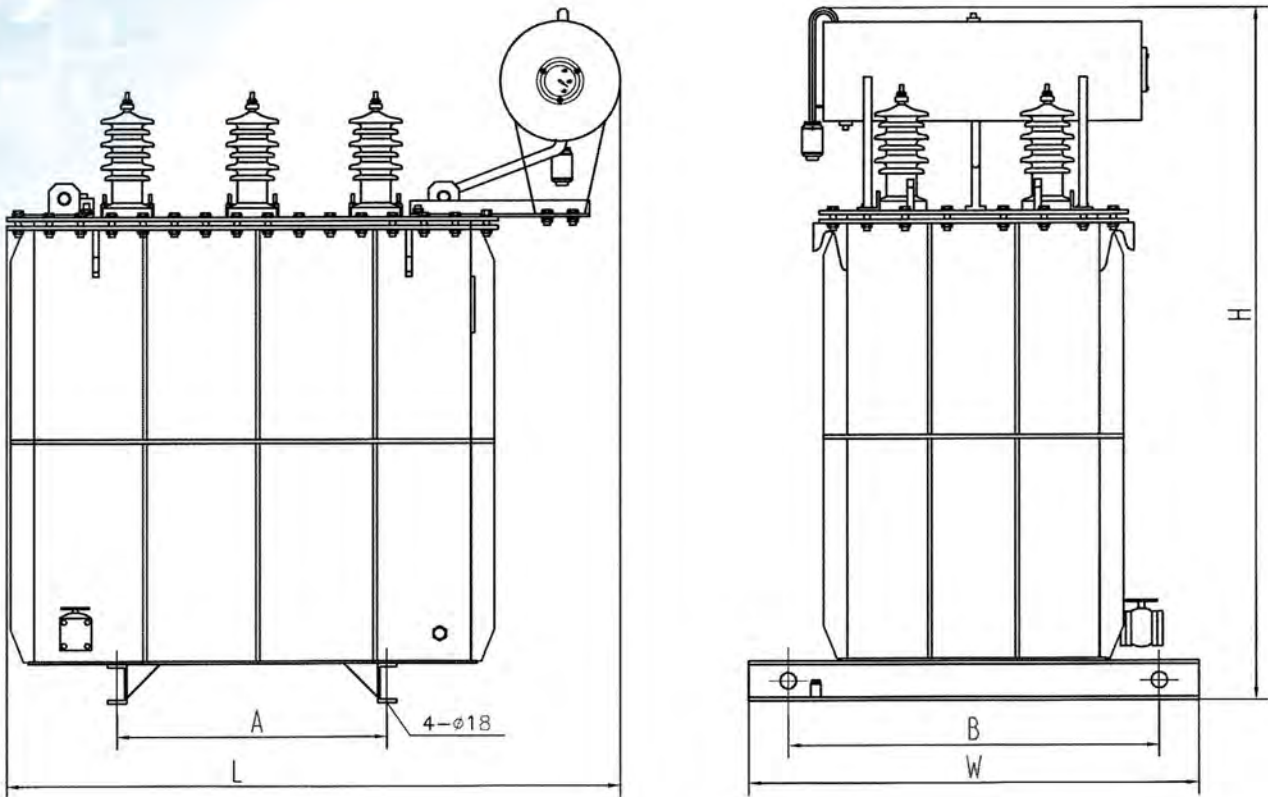
一流的管理

一流的服务

一流的材料

一流的产品

外形图 Contour Map



全密封集合式并联电容器技术参数表
Technical data of All Closed Assembling Shunt Capacitor

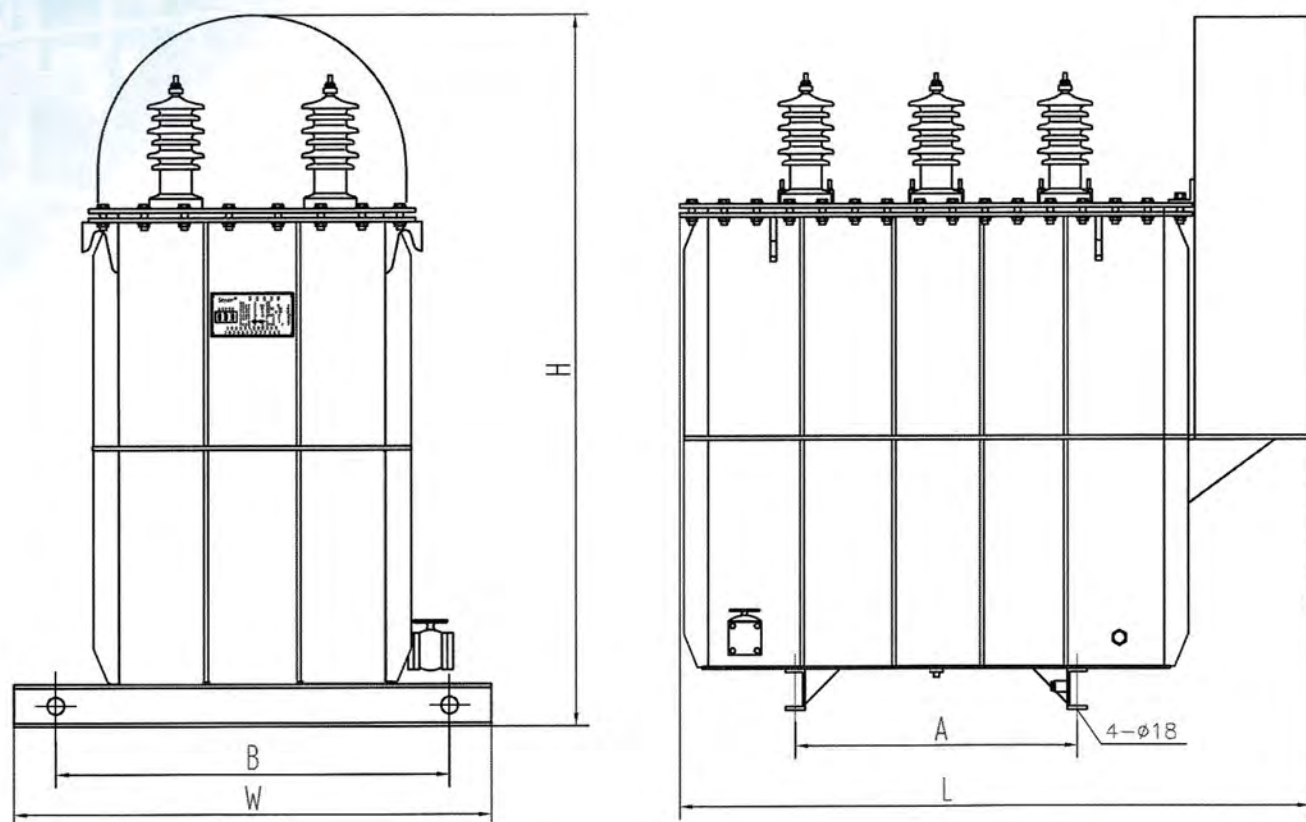
序号	型号规格	额定电压 (kV)	额定容量 (kvar)	额定电流 (A)	外形尺寸 L×W×H (mm)	安装尺寸 A×B (mm)	油重 (kg)	总重量 (kg)
1	BAMH6.6/3-1200-1×3W	6.6/3	1200	104.9	1560×750×1420	660×650	235	770
2	BAMH6.6/3-1500-1×3W	6.6/3	1500	157.4	1560×750×1550	660×650	260	880
3	BAMH6.6/3-1800-1×3W	6.6/3	1800	183.7	1560×750×1670	660×650	290	970
4	BAMH6.6/3-2100-1×3W	6.6/3	2100	183.7	1700×750×1600	660×650	310	1050
5	BAMH6.6/3-2400-1×3W	6.6/3	2400	209.9	1700×750×1670	660×650	360	1210
6	BAMH6.6/3-3000-1×3W	6.6/3	3000	262.4	1500×1150×1500	660×1050	430	1420
7	BAMH6.6/3-3600-1×3W	6.6/3	3600	314.9	1500×1150×1630	660×1050	480	1560
8	BAMH6.6/3-4200-1×3W	6.6/3	4200	367.4	1700×1150×1550	660×1050	520	1720
9	BAMH6.6/3-4800-1×3W	6.6/3	4800	419.8	1700×1150×1630	660×1050	550	1860
10	BAMH6.6/3-5000-1×3W	6.6/3	5000	437.4	1700×1150×1680	660×1050	580	1910
11	BAMH6.6/3-5400-1×3W	6.6/3	5400	472.3	2100×1150×1600	820×1050	590	1970
12	BAMH6.6/3-6000-1×3W	6.6/3	6000	524.8	1780×1300×2000	660×1200	630	2130
13	BAMH7.2/3-1200-1×3W	7.2/3	1200	96.2	1560×750×1420	660×650	235	770
14	BAMH7.2/3-1500-1×3W	7.2/3	1500	120.3	1560×750×1550	660×650	260	880
15	BAMH7.2/3-1800-1×3W	7.2/3	1800	144.3	1560×750×1670	660×650	290	970
16	BAMH7.2/3-2100-1×3W	7.2/3	2100	168.4	1700×750×1600	660×650	310	1050
17	BAMH7.2/3-2400-1×3W	7.2/3	2400	192.4	1700×750×1670	660×650	360	1210
18	BAMH7.2/3-3000-1×3W	7.2/3	3000	240.6	1500×1150×1500	660×1050	430	1420
19	BAMH7.2/3-3600-1×3W	7.2/3	3600	288.7	1500×1150×1630	660×1050	480	1560
20	BAMH7.2/3-4200-1×3W	7.2/3	4200	336.8	1700×1150×1550	660×1050	520	1720
21	BAMH7.2/3-4800-1×3W	7.2/3	4800	384.9	1700×1150×1630	660×1050	550	1860
22	BAMH7.2/3-5000-1×3W	7.2/3	5000	400.9	1700×1150×1680	660×1050	580	1910
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25	BAMH11/3-1200-1×3W	11/3	1200	63.0	1560×750×1420	660×650	235	770
26	BAMH11/3-1500-1×3W	11/3	1500	78.7	1560×750×1550	660×650	260	880
27	BAMH11/3-1800-1×3W	11/3	1800	94.5	1560×750×1670	660×650	290	970
28	BAMH11/3-2100-1×3W	11/3	2100	110.2	1700×750×1600	660×650	310	1050
29	BAMH11/3-2400-1×3W	11/3	2400	126.0	1700×750×1670	660×650	360	1210
30	BAMH11/3-3000-1×3W	11/3	3000	157.5	1500×1150×1500	660×1050	430	1420
31	BAMH11/3-3600-1×3W	11/3	3600	188.9	1500×1150×1630	660×1050	480	1560
32	BAMH11/3-4200-1×3W	11/3	4200	220.4	1700×1150×1550	660×1050	520	1720
33	BAMH11/3-4800-1×3W	11/3	4800	251.9	1700×1150×1630	660×1050	550	1860
34	BAMH11/3-5000-1×3W	11/3	5000	262.4	1700×1150×1680	660×1050	580	1910
35	BAMH11/3-5400-1×3W	11/3	5400	283.4	2100×1150×1600	820×1050	590	1970
36	BAMH11/3-6000-1×3W	11/3	6000	314.9	1780×1300×2000	660×1200	630	2130
37	BAMH11/3-6600-1×3W	11/3	6600	346.4	1780×1300×2000	660×1200	670	2300
38	BAMH11/3-7200-1×3W	11/3	7200	377.9	1780×1500×2000	660×1400	690	2500
39	BAMH12/3-1200-1×3W	12/3	1200	57.7	1560×750×1420	660×650	235	770
40	BAMH12/3-1500-1×3W	12/3	1500	72.2	1560×750×1550	660×650	260	880
41	BAMH12/3-1800-1×3W	12/3	1800	86.6	1560×750×1670	660×650	290	970
42	BAMH12/3-2100-1×3W	12/3	2100	101.0	1700×750×1600	660×650	310	1050
43	BAMH12/3-2400-1×3W	12/3	2400	115.5	1700×750×1670	660×650	360	1210
44	BAMH12/3-3000-1×3W	12/3	3000	144.3	1500×1150×1500	660×1050	430	1420
45	BAMH12/3-3600-1×3W	12/3	3600	173.2	1500×1150×1630	660×1050	480	1560
46	BAMH12/3-4200-1×3W	12/3	4200	202.1	1700×1150×1550	660×1050	520	1720
47	BAMH12/3-4800-1×3W	12/3	4800	230.9	1700×1150×1630	660×1050	550	1860
48	BAMH12/3-5000-1×3W	12/3	5000	240.6	1700×1150×1680	660×1050	580	1910
49	BAMH12/3-5400-1×3W	12/3	5400	259.8	2100×1150×1600	820×1050	590	1970
50	BAMH12/3-6000-1×3W	12/3	6000	288.7	1780×1300×2000	660×1200	630	2130
51	BAMH12/3-6600-1×3W	12/3	6600	317.6	1780×1300×2000	660×1200	670	2300
52	BAMH12/3-7200-1×3W	12/3	7200	346.4	1780×1500×2000	660×1400	690	2500

集合式高压并联电容器

High Voltage Assembling Shunt Capacitor



外形图 Contour Map



集合式高压并联电容器装置

Assembling High-Voltage Shunt Capacitor Installations

一、用途 Application

集合式高压并联电容器装置主要应用于工频 50Hz，电压等级为6kV、10kV 和35kV三相交流电力系统中，用来提高系统功率因数，改善电网电压质量，降低线路损耗。产品具有安装维护简便、使用安全和占地面积小等优点，特别适用于安装场地较小的场合。

The high-voltage shunt capacitor installations are used for power factor correction, improving quality of network and reducing transmission line losses in the three-phase power system having frequency of 50 Hz and voltage of 6 kV, 10 kV and 35 kV respectively. The product has advantages of easy installing and maintenance, safe operation, smaller installing area requirement, etc, it is especially suitable for the situation of smaller installation space.

二、型号及其含义 Type and its meaning

例：T BB 10 6000 / 6000 A K W

- 户外式（户内式此字母不标出）
Outdoor use (without this letter for indoor use)
- 保护方式 Way of protection:
K 开口三角电压保护 Open delta voltage protection
- 接线方式 Way of connection:
A 单星形接线 connected in single star
B 双星形接线 connected in double star
- 单台电容器额定容量 Rated output of capacitor unit, kvar
- 装置额定容量 Rated output of installation, kvar
- 装置额定电压 Rated voltage of installation, kV
- 并联电容器 Shunt capacitor
- 成套装置 Complete set of installation

三、装置使用环境 Environmental conditions of installation for use

3.1 安装运行地区海拔不超过1000m（超过1000m在订货时需说明）。

The altitude above sea level of mounting area does not exceed 1000 m (if more than 1000 m, it is necessary to make an explanation when ordering).

3.2 安装运行地区环境温度-40~+45℃（特殊运行环境在订货时需说明）。

The ambient temperature of mounting area should be -40~+45℃ (if operating under exceptional environment, it is necessary to make an explanation when ordering).

3.3 安装运行地区无导电性或爆炸性尘埃，无有害气体及蒸汽，无剧烈的机械震动。

There should be no conductive or explosive dust, no harmful gas and vapor, no severe mechanical vibrations in mounting area.

3.4 安装场所：户外或户内 Mounting spot: Outdoor or indoor.

集合式高压并联电容器装置

Assembling High-Voltage Shunt Capacitor Installations >>>

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四、执行标准 Executive standards

GB/T 11024.1-2001 标称电压1kV以上交流电力系统用并联电容器 第1部分：总则 性能、试验和定额安全要求安装和运行导则
Shunt capacitors for a.c. power systems having a rated voltage above 1kV Part 1: General Performance, testing and rating Safety requirements Guide for installation and operation
GB/T 11024.4-2001 标称电压1kV以上交流电力系统用并联电容器 第4部分：内部熔丝
Shunt capacitors for a.c. power systems having a rated voltage above 1kV Part 4: Internal fuses
GB 50227-95 并联电容器装置设计规范 Code for design of installation of shunt capacitors
DL/T 840-2003 高压并联电容器使用技术条件 Specification of high-voltage capacitors for order
DL/T 604-1996 高压并联电容器装置订货技术条件
Specification of high-voltage shunt capacitor installations for order
JB 7112-2000 集合式高压并联电容器 High-voltage shunt capacitor of the assembling type
DL/T 628-1997 集合式高压并联电容器订货技术条件
Specification of collective high-voltage shunt capacitor for order

五、结构简介 Main structure of the product

集合式高压并联电容器装置主要由集合式高压并联电容器、串联电抗器、放电线圈、氧化锌避雷器、隔离接地开关等组成，集合式高压并联电容器和配套件现场就位安装，装置外设有安全防护网。装置一般按单星形接线和开口三角电压保护方式提供，可根据用户的具体要求进行设计生产，并可提供带有容量抽头或无载调容开关(1/2 额定容量、额定容量或1/3额定容量、2/3额定容量、额定容量)的集合式并联电容器装置。

Assembling shunt capacitor installation is composed of assembling shunt capacitors, series reactor, discharge coil, zinc oxide arrester and isolated earthing switch, etc. Assembling high-voltage capacitors, accessories and fittings shall be placed and mounted on-the-spot. There are safe-protection wire fence around the installation. Generally, the way of protection with single star and open-delta voltage is available, design and production can be carried out according to the customer's requirement. The assembling shunt capacitor installations with tapping of output or no-load adjustable output (1/2 rated output, rated output or 1/3 rated output, 2/3 rated output, rated output) can be supplied also.

六、主要技术性能 Main technical performances

6.1 装置电容偏差：装置每相的实测电容与标称电容之比不超过0~+5%，三相间最大与最小电容之比不超过1.02。

The capacitance tolerance of installation: The ratio between measured and rated capacitance each phase of installation does not exceed 0~+5%，the ratio of maximum and minimum capacitance among three phases does not exceed 1.02.

6.2 装置能在1.05倍额定电压下长期运行。

The installation can be operated for long time under 1.05 times of rated voltage.

6.3 装置能在方均根值不超过1.3倍额定电流下连续运行，该过电流是由于谐波和过电压造成。

The installation can be continuously operated under the current, the value of which is no more than 1.3 times of rated current of the capacitor bank, the over current is caused by harmonics and over-voltage

七、订货须知 Notice for ordering

7.1 订货时，用户需提供额定电压、补偿容量、串联电抗率、系统最高电压、装置的保护方式、单台电容器容量以及并联电容器装置母线连接点的系统最大、最小短路容量等参数。

When ordering, customer should offer needed parameters, such as rated voltage, capacity of compensation, ratio of series reactance, maximum voltage of the system, way of installation's protection, rated output of capacitor unit and maximum & minimum short-circuit capacity of system at joints of shunt capacitor installation's bus-bar.

7.2 用户需提供设备安装地点的海拔高度、环境温度、湿度、安装场地尺寸、污秽情况。

Customer should offer information concerned about the height above sea level, ambient temperature, humidity, size of mounting area and pollution extent, etc.

7.3 如对配套件有特殊要求，请在订货时注明。

If there are special requirements to fittings and accessories, please make notice when ordering.



集合式高压并联电容器装置

集团公司组织结构图

Enterprises Purpose Enterprises Purpose >>>

一流的设备

一流的管理

一流的服务

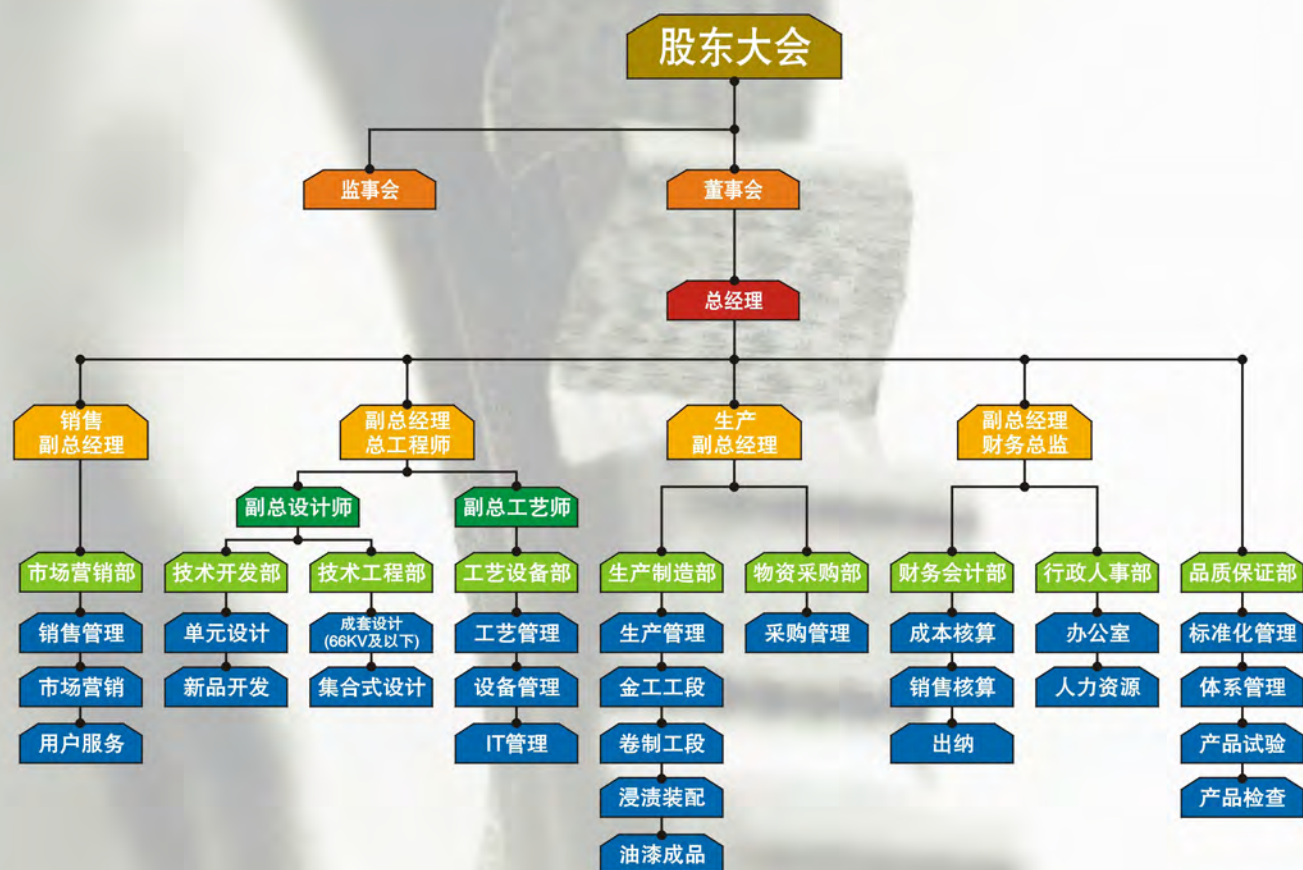
一流的材料

一流的产品

思源电气股份有限公司

- 江苏省如高高压电器有限公司
- 江苏思源赫兹互感器有限公司
- 上海思源高压开关有限公司
- 上海思源电力电容器有限公司
- 上海思源光电有限公司
- 上海思源电力测试技术有限公司
- 上海思海软件有限公司
- 上海思源致远绿色能源有限公司

上海思源电力电容有限公司组织结构图



生产设备 Production Equipment



百级净化间	芯子制作间
真空处理系统	试验站
油漆线	瑞士2877电桥
箱壳焊接	
机器人工作站	

集合式高压并联电容器装置

Assembling Shunt Capacitor Installations

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一流的材料

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集合式并联电容器装置技术参数表

序号	型号规格	额定电压(kV)	串联电抗率%	图号	集合式并联电容器型号	串联电抗器型号	电抗器直径(mm)	围栏长度L(mm)	围栏宽度W(mm)
1	TBB10-1500/1500AKW	10	6	1、2	BAMH11/√3-1500-1×3W	CKGKL-30/10-6	925	4000	3000
2	TBB10-1500/1500AKW	10	12	1、2	BAMH12/√3-1500-1×3W	CKGKL-60/10-12	1110	4000	3000
3	TBB10-1800/1800AKW	10	6	1、2	BAMH11/√3-1800-1×3W	CKGKL-36/10-6	990	4000	3000
4	TBB10-1800/1800AKW	10	12	1、2	BAMH12/√3-1800-1×3W	CKGKL-72/10-12	1100	4000	3000
5	TBB10-2100/2100AKW	10	6	1、2	BAMH11/√3-2100-1×3W	CKGKL-42/10-6	880	4000	3000
6	TBB10-2100/2100AKW	10	12	1、2	BAMH12/√3-2100-1×3W	CKGKL-84/10-12	1110	4000	3000
7	TBB10-2400/2400AKW	10	6	1、2	BAMH11/√3-2400-1×3W	CKGKL-48/10-6	880	4000	3000
8	TBB10-2400/2400AKW	10	12	1、2	BAMH12/√3-2400-1×3W	CKGKL-96/10-12	1110	4000	3000
9	TBB10-2700/2700AKW	10	6	1、2	BAMH11/√3-2700-1×3W	CKGKL-54/10-6	920	4000	3000
10	TBB10-2700/2700AKW	10	12	1、2	BAMH12/√3-2700-1×3W	CKGKL-108/10-12	1120	4000	3000
11	TBB10-3000/3000AKW	10	6	1、2	BAMH11/√3-3000-1×3W	CKGKL-60/10-6	1100	4400	3000
12	TBB10-3000/3000AKW	10	12	1、2	BAMH12/√3-3000-1×3W	CKGKL-120/10-12	1250	4400	3000
13	TBB10-3600/3600AKW	10	6	1、2	BAMH11/√3-3600-1×3W	CKGKL-72/10-6	1145	4400	3000
14	TBB10-3600/3600AKW	10	12	1、2	BAMH12/√3-3600-1×3W	CKGKL-144/10-12	1340	4400	3000
15	TBB10-4200/4200AKW	10	6	1、2	BAMH11/√3-4200-1×3W	CKGKL-84/10-6	1095	4400	3000
16	TBB10-4200/4200AKW	10	12	1、2	BAMH12/√3-4200-1×3W	CKGKL-168/10-12	1230	4400	3000
17	TBB10-4800/4800AKW	10	6	1、2	BAMH11/√3-4800-1×3W	CKGKL-96/10-6	1200	4400	3000
18	TBB10-4800/4800AKW	10	12	1、2	BAMH12/√3-4800-1×3W	CKGKL-192/10-12	1360	4400	3000
19	TBB10-5400/5400AKW	10	6	1、2	BAMH11/√3-5400-1×3W	CKGKL-108/10-6	1255	4400	3000
20	TBB10-5400/5400AKW	10	12	1、2	BAMH12/√3-5400-1×3W	CKGKL-216/10-12	1340	4400	3000
21	TBB10-6000/6000AKW	10	6	1、2	BAMH11/√3-6000-1×3W	CKGKL-120/10-6	1210	4400	3000
22	TBB10-6000/6000AKW	10	12	1、2	BAMH12/√3-6000-1×3W	CKGKL-240/10-12	1210	4400	3000
23	TBB10-6600/6600AKW	10	6	1、2	BAMH11/√3-6600-1×3W	CKGKL-132/10-6	1180	4400	3000
24	TBB10-6600/6600AKW	10	12	1、2	BAMH12/√3-6600-1×3W	CKGKL-264/10-12	1250	4400	3000
25	TBB10-7200/7200AKW	10	6	1、2	BAMH11/√3-7200-1×3W	CKGKL-144/10-6	1310	4800	3000
26	TBB10-7200/7200AKW	10	12	1、2	BAMH12/√3-7200-1×3W	CKGKL-288/10-12	1140	4800	3000
27	TBB10-8100/8100AKW	10	6	1、2	BAMH11/√3-8100-1×3W	CKGKL-162/10-6	1250	4800	3000
28	TBB10-8100/8100AKW	10	12	1、2	BAMH12/√3-8100-1×3W	CKGKL-324/10-12	1430	4800	3200
29	TBB10-9000/9000AKW	10	6	1、2	BAMH11/√3-9000-1×3W	CKGKL-180/10-6	1335	5000	3200
30	TBB10-9000/9000AKW	10	12	1、2	BAMH12/√3-9000-1×3W	CKGKL-360/10-12	1445	5000	3200
31	TBB10-10000/10000AKW	10	6	1、2	BAMH11/√3-10000-1×3W	CKGKL-200/10-6	1275	5000	3200
32	TBB10-10000/10000AKW	10	12	1、2	BAMH12/√3-10000-1×3W	CKGKL-400/10-12	1410	5000	3200

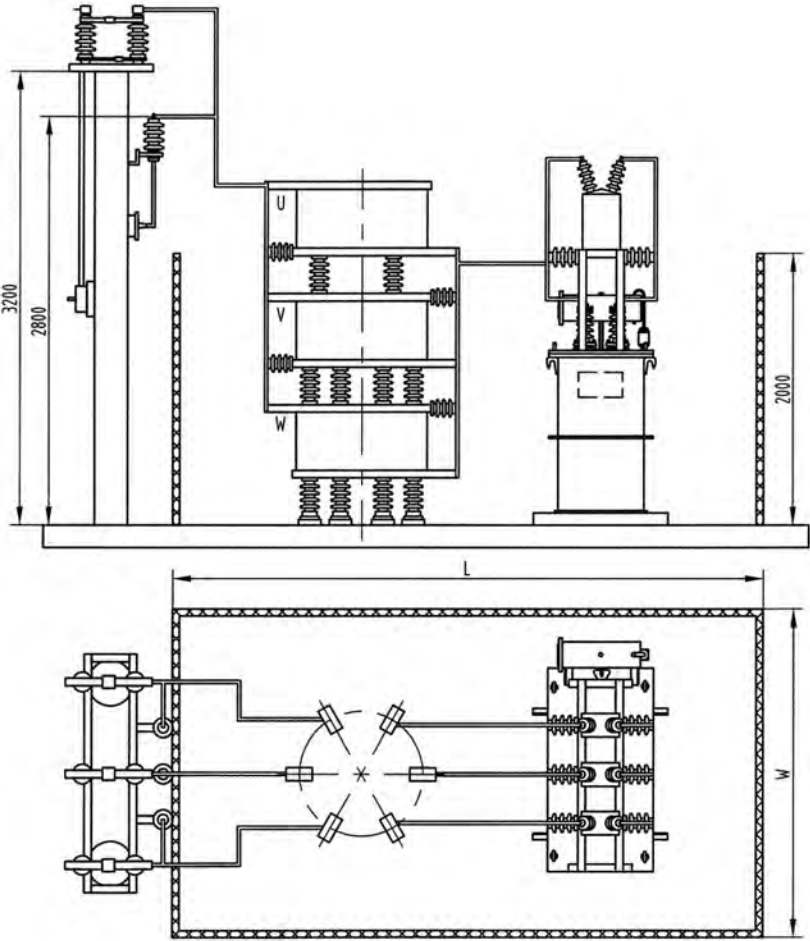
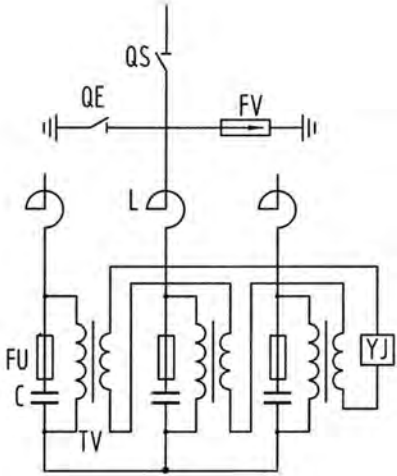
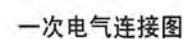
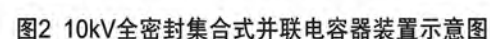


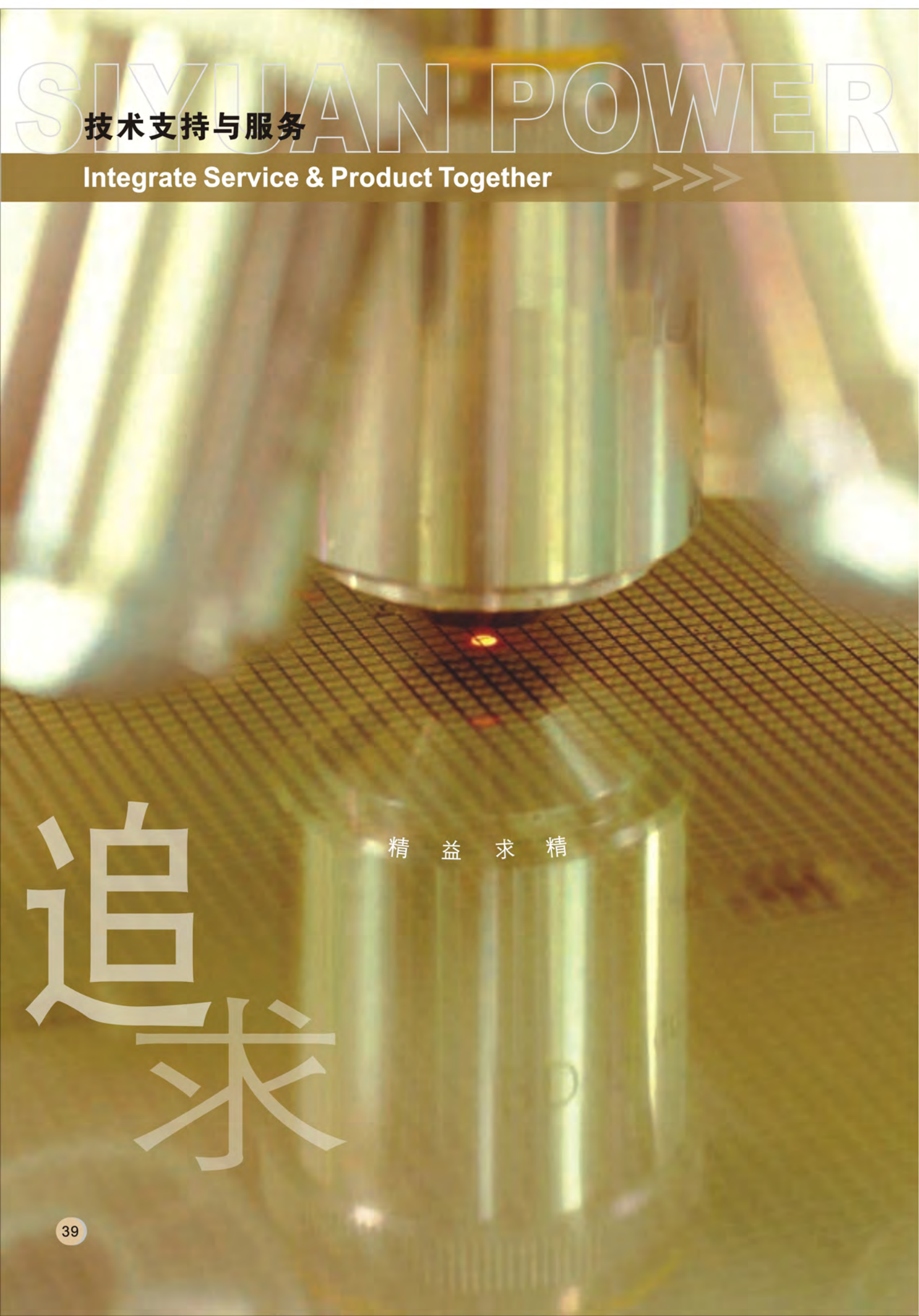
图1 10kV集合式并联电容器装置示意图



- QS —— 隔离开关
- QE —— 接地开关
- TV —— 放电线圈
- FU —— 内熔丝
- FV —— 氧化锌避雷器
- YJ —— 电压继电器
- C —— 并联电容器
- L —— 串联电抗器

一次电气连接图

[illegible]



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CAPACITOR

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思源电力电容器企业在提供国家级产品的同时，也为客户提供优质的服务。我们可以根据客户的需要提供度身定做的产品，每一个工作环节都必须精益求精是我们的工作作风，满足客户需求是我们的职责，超越客户的期待是我们的价值观。我们努力做到比客户期待的更好。

Siyuan Power Capacitor Enterprise provides excellent services for customers together with high quality products. We can make unique products for our customers according to their specific requirements. To keep improving in every procedure of our works is our working style. To meet the requirement of our customers is our duty. To exceed the expectation of our customers is our pointview of the value. We try do our best to be better than customer's expectation.

优质完善的服务体系

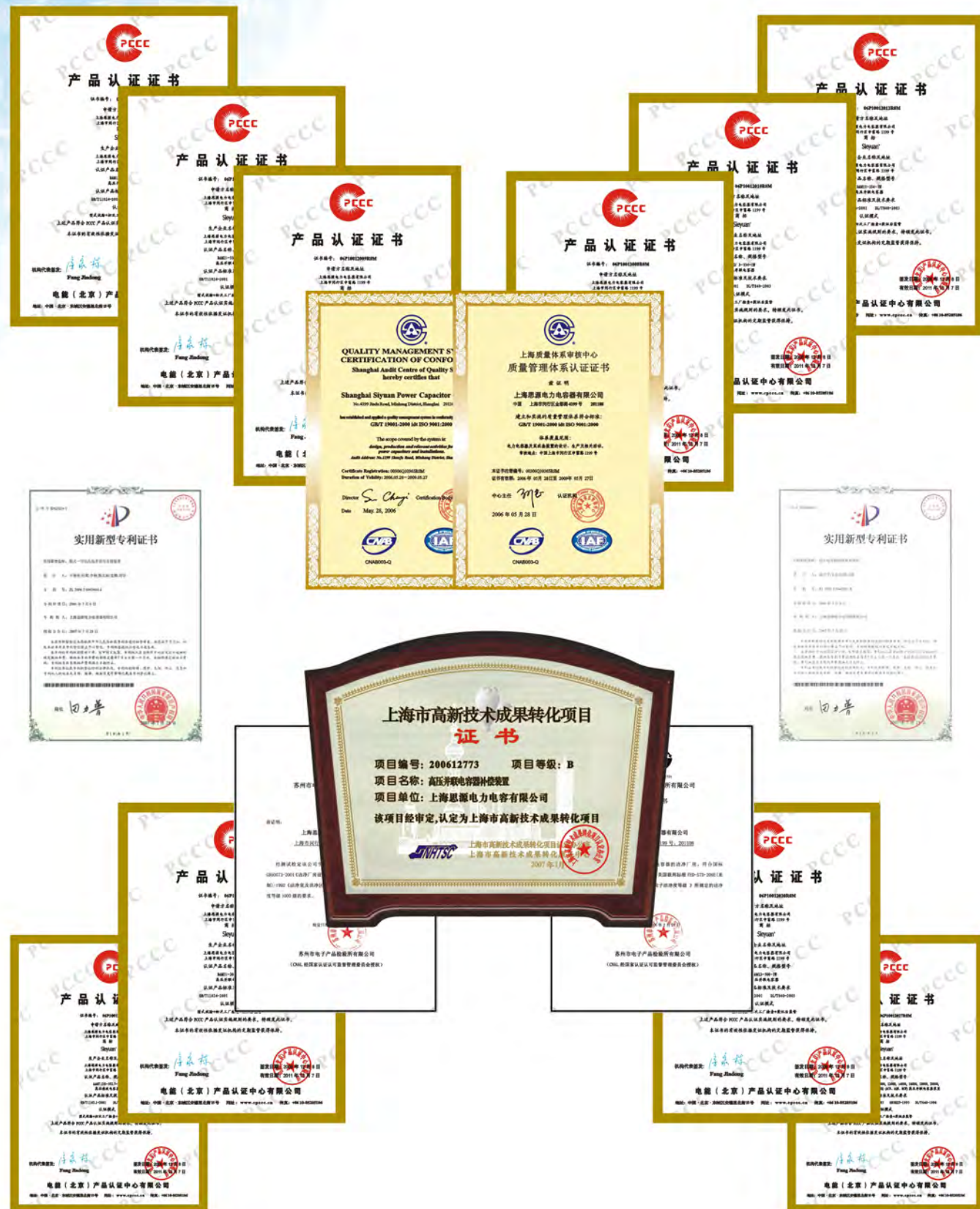
技术支持与服务

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我们的荣誉

Honorary Eertificates



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经营管理模式 Management & Administration Mode



思源电力电容器企业发展以人为本，将人才作为企业发展的重要地位，重视人才、培养人才、充分发挥员工才能是思源电容的用人之道。

思源电力电容器建立了完善的ERP系统，成功实现了企业物流、资金流、信息流的集成管理，从材料定购、库存、设计、生产制造、销售、发货到财务管理的全过程实现了网络化和系统化的计算机控制，大大提高了生产效率，形成了现代化、高效率、规范的企业管理体系。

在质量上，思源电力电容器以“零缺陷管理”为目标，不断提升产品品质，力求向客户提供更优质的产品和服务。

Siyuan Power Capacitor bases the enterprise's development on the staff and places talents into the major position of enterprise's development. Siyuan's HR policy's to regard talents, to train talents and to develop talents.

Siyuan Power Capacitor has set up complete ERP system and successfully realized the integrated management of the logistics, fund circulation and information circulation. In the whole process from ordering, storage, design, production, marketing and consignment to the financial management, network & systemized control is realized, which has greatly raised productive efficiency. A modernized, high efficient and standardized enterprise management system has been formed.

In terms of quality, Siyuan Power Capacitor aims at "Zero Defect Management", constantly improving the product quality, to provide its customers with products and service of increasingly better quality.

高压并联电容器

High-Voltage Shunt Capacitor

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一、用途 Application

本产品适用于并联在工频交流电力系统中，用来提高功率因数，改善电网质量，降低线路损耗。

The capacitors are designed for power factor correction, improving the quality of network and reducing transmission line losses in the power system.

二、型号及其含义 Type and its meaning

B	A	M	11/√3	-200	-1	W	
							使用环境：户外
							相数：单相
							额定容量：200kvar
							额定电压：11/√3kV
							固体介质：全膜
							液体介质：苕基甲苯
							系列代号：并联电容器

For outdoor use	
Single phase	
Rated capacity 200kvar	
Rated voltage 11/√3 kV	
All film dielectric	
Benzyl toluene	
Shunt capacitor	



三、主要技术性能 Main technical performances

- 3.1 允许在1.05倍额定电压下长期运行，并可以在1.1倍额定电压下每24h中运行不超过8h。
- 3.2 允许在由于过电压和高次谐波造成的有效值为额定电流的1.30倍的稳态过电流下运行。对于电容具有最大正偏差的电容器，稳态过电流允许达到额定电流的1.43倍。
- 3.3 电容偏差为-3%~+5%。
- 3.4 介质损耗角正切值在额定电压下 ≤ 0.0003 。
- 3.5 产品符合 GB/T 11024-2001 和 IEC 60871-1:1997《标称电压1kV以上交流电力系统用并联电容器》及 DL/T 840-2003《高压并联电容器技术条件》的要求。

- 3.1 Continuous operating under 1.05 rated voltage is permitted and operating under 1.1 rated voltage of up to 8 hours daily is also allowed.
- 3.2 Operating under steady over-current (rms) which has the value of 1.3 times of rated current caused by over-voltage and high harmonics is permitted. For the capacitors having maximum positive tolerance of capacitance the steady over-current is capable to attend 1.43 times of rated current.
- 3.3 The capacitance tolerance is -3%~+5%
- 3.4 The tangent of loss angle at rated voltage is less than or equal to 0.0003.
- 3.5 The products conform to the standards of GB/T 11024-2001 and IEC 60871-1: 1997 "Shunt capacitors for a.c. power system having a voltage above 1 kV" and DL/T 840-2003 "Specification of high voltage shunt capacitor for order"

四、结构简介 Construction

电容器主要由外壳和芯子组成。

4.1 外壳用不锈钢板整体成形、机器人焊接制成，盖上焊有高强度压接式套管，内部注有法国进口的C101 D新型高绝缘电气性能的液体介质。

4.2 芯子由元件和绝缘件组成，元件固体介质选用了芬兰双面粗化聚丙烯薄膜，极板为进口超薄铝箔，采用折边和突箔结构提高了产品局部放电水平。

4.3 部分大容量产品可设有内熔丝，隐蔽式内熔丝新结构使产品具有更高的可靠性。

4.4 产品设有内放电电阻，高质量的高压玻璃釉电阻可使电容器在断开电源后的剩余电压在10min 内自 $\sqrt{2} U_n$ 降至50V以下。

The capacitor is composed of case and packet.

4.1 The stainless steel case is entirely formed by folder and welded by robot. The high strength compress-joint bushings are welded on the cover; a new kind of liquid which has good insulating performance named C101D imported from France is filled in the capacitors.

4.2 The packet is composed of some elements and insulation components. Both sides hazy PP film imported from Finland is used for solid dielectric. Ultra-thin aluminum foil is used for electrodes. The elements have extended foil edges including folds at start and end, so that the products have improved partial discharge level.

4.3 Some products with larger capacity have internal fuses, for this reason they have higher reliability.

4.4 Ther are internal discharge resisters inside the capacitor. The high quality hi-voltage glazed resisters can make capacitor's residual voltage reducing from $\sqrt{2} U_n$ to less than 50 V within 10 min. after capacitor deenergizing.



高压并联电容器

高压并联电容器

High-Voltage Shunt Capacitor

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高压并联电容器(外熔丝)技术参数
Technical data of high voltage shunt capacitor(with external fuse)

序号	型号规格	额定电压 (kV)	额定容量 (kvar)	额定电容 (μF)	外形尺寸(mm)				重量 (kg)
					W	h	h1	H	
1	BAM6.6/√3-100-1W	6.6/√3	100	21.9	138	300	100	530	22
2	BAM6.6/√3-150-1W	6.6/√3	150	32.9	138	400	100	630	30
3	BAM6.6/√3-167-1W	6.6/√3	167	36.6	138	400	100	630	30
4	BAM6.6/√3-200-1W	6.6/√3	200	43.8	138	475	100	705	35
5	BAM6.6/√3-300-1W	6.6/√3	300	65.8	178	525	200	835	48
6	BAM6.6/√3-334-1W	6.6/√3	334	73.2	178	575	200	885	52
7	BAM7.2/√3-100-1W	7.2/√3	100	18.4	138	300	100	530	22
8	BAM7.2/√3-150-1W	7.2/√3	150	27.6	138	400	100	630	30
9	BAM7.2/√3-167-1W	7.2/√3	167	30.8	138	400	100	630	30
10	BAM7.2/√3-200-1W	7.2/√3	200	36.8	138	475	100	705	35
11	BAM7.2/√3-300-1W	7.2/√3	300	55.3	178	525	200	835	48
12	BAM7.2/√3-334-1W	7.2/√3	334	61.5	178	575	200	885	52
13	BAM11/√3-100-1W	11/√3	100	7.9	138	300	100	530	22
14	BAM11/√3-150-1W	11/√3	150	11.8	138	400	100	630	30
15	BAM11/√3-167-1W	11/√3	167	13.2	138	400	100	630	30
16	BAM11/√3-200-1W	11/√3	200	15.8	138	475	100	705	35
17	BAM11/√3-300-1W	11/√3	300	23.7	178	525	200	835	48
18	BAM11/√3-334-1W	11/√3	334	26.4	178	575	200	885	52
19	BAM12/√3-100-1W	12/√3	100	6.6	138	300	100	530	22
20	BAM12/√3-150-1W	12/√3	150	9.9	138	400	100	630	30
21	BAM12/√3-167-1W	12/√3	167	11.1	138	400	100	630	30
22	BAM12/√3-200-1W	12/√3	200	13.3	138	475	100	705	35
23	BAM12/√3-300-1W	12/√3	300	19.9	178	525	200	835	48
24	BAM12/√3-334-1W	12/√3	334	22.1	178	575	200	885	52
25	BAM10.5-100-1W	10.5	100	2.9	138	300	100	530	20
26	BAM10.5-150-1W	10.5	150	4.3	138	400	100	630	28
27	BAM10.5-167-1W	10.5	167	4.8	138	400	100	630	28
28	BAM10.5-200-1W	10.5	200	5.8	138	475	100	705	33
29	BAM10.5-300-1W	10.5	300	8.7	178	525	200	835	46
30	BAM10.5-334-1W	10.5	334	9.6	178	575	200	885	50
31	BAM10.5-400-1W	10.5	400	11.5	178	675	200	985	58
32	BAM10.5-417-1W	10.5	417	12.0	178	725	200	1035	60
33	BAM10.5-500-1W	10.5	500	14.4	178	825	200	1135	70
34	BAM11-100-1W	11	100	2.6	138	300	100	530	20
35	BAM11-150-1W	11	150	3.9	138	400	100	630	28

序号	型号规格	额定电压 (kV)	额定容量 (kvar)	额定电容 (μF)	外形尺寸(mm)				重量 (kg)
					W	h	h1	H	
36	BAM11-167-1W	11	167	4.4	138	400	100	630	28
37	BAM11-200-1W	11	200	5.3	138	475	100	705	33
38	BAM11-300-1W	11	300	7.9	178	525	200	835	46
39	BAM11-334-1W	11	334	8.8	178	575	200	885	50
40	BAM11-400-1W	11	400	10.5	178	675	200	985	58
41	BAM11-417-1W	11	417	11.0	178	725	200	1035	60
42	BAM11-500-1W	11	500	13.2	178	825	200	1135	70
43	BAM12-100-1W	12	100	2.2	138	300	100	530	20
44	BAM12-150-1W	12	150	3.3	138	400	100	630	28
45	BAM12-167-1W	12	167	3.7	138	400	100	630	28
46	BAM12-200-1W	12	200	4.4	138	475	100	705	33
47	BAM12-300-1W	12	300	6.6	178	525	200	835	46
48	BAM12-334-1W	12	334	7.4	178	575	200	885	50
49	BAM12-400-1W	12	400	8.8	178	675	200	985	58
50	BAM12-417-1W	12	417	9.2	178	725	200	1035	60
51	BAM12-500-1W	12	500	11.1	178	825	200	1135	70
52	BAM24-200-1W	24	200	1.1	138	500	200	870	36
53	BAM24-300-1W	24	300	1.7	178	550	200	920	48
54	BAM24-334-1W	24	334	1.8	178	600	200	970	52
55	BAM24-400-1W	24	400	2.2	178	700	200	1070	60
56	BAM24-417-1W	24	417	2.3	178	725	200	1095	62
57	BAM24-500-1W	24	500	2.8	178	850	200	1220	72

注：10.5、11、12、24kV电压等级的产品一般使用单套管

