

安全能源的提供者

Supplier of safe energy



低压共补干式电力电容器
低压分相补偿干式电力电容器
调谐专用电抗器
无功补偿控制器及接触器
高压电力电容器及串抗

Low-voltage complementary dry power capacitor
Low-voltage split-phase compensating dry power capacitor
Tuning dedicated reactors
Reactive compensation controller and contactor
High-voltage power capacitors and string resistance

Suzhou Shihlin
Electric Co., Ltd

士林电机集团

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质量 服务 创新 环保
Quality, service, innovation, Environmental protection



Shihlin Electric was founded in 1955. Its headquarters is located in Shilin District, Taipei City, Taiwan. The full name is Shihlin Electric & Engineering Corporation, which is a diversified multinational group. There are nine subsidiaries in overseas regions. Suzhou Shihlin Electric Co., Ltd. is one of its subsidiaries, which was established in May 2001 with an investment amount of 4.2 million US dollars. In 2002, it passed certifications such as ISO9001, CUL, UL, CQC and product type tests. It is mainly committed to the research, development, production of power capacitors, reactors, power quality products, servo motors, human - machine interfaces, inverters, etc., and the agency of capacitor accessories. In August 2011, the additional investment increased to 13 million US dollars. In June 2014, a new 60 - mu factory building was newly invested at No. 88 Guangdong Street in Suzhou New District, expanding the production scale and introducing Shihlin's high - quality series products to take root in China.

苏州士林电机简介 Suzhou Shihlin Electric Introduction

至臻完美——士林电机一贯的追求
To be perfect is what Shihlin Motor pursues consistently

士林电机创立于1955年，总部设在台湾台北市士林区，全称士林电机厂股份有限公司，是一个多元化跨国集团，海外地区有9个子公司。苏州士林电机有限公司为旗下一子公司，成立于2001年5月，投资额420万美金。2002年通过ISO9001、CUL、UL、CQC及产品的型式试验等认证，主要致力于电力电容器、电抗器、电能质量产品、伺服马达、人机界面、变频器等研发、生产及电容器配套件代理。2011年8月再增资为1300万美金，2014年6月于苏州新区广东街88号新投60亩厂房，扩大生产规模，将士林优质系列产品引入中国生根。



蘇州士林電機有限公司業績表

序号	业主项目
1	上海虹桥机场扩建
2	苏州美术馆、文化馆、名人馆
3	苏州方洲大厦
4	苏州沪宁城铁园区站
5	苏州恒润大厦
6	苏州新区建大电子公司
7	苏州建屋发展2.5产业园
8	中色刚果(金)迪兹瓦项目
9	苏州军供站迁建项目
10	苏州工业园区生物纳米仿生研究所
11	苏州科技城发展有限公司
12	苏州工业园区摩天轮公园
13	苏州工业园区月光码头欧式商业街
14	苏州工业园区青少年活动中心
15	苏州中心
16	台北都会区捷运系统内湖线
17	高效电子（东莞）有限公司
18	广西金桂浆纸业有限公司
19	杭州得力纺织有限公司
20	黄冈亚东水泥有限公司
21	晋亿实业有限公司
22	印尼金光集团
23	镇江李长荣综合石化有限公司
24	越南仁宝电子
25	浙江昀昶绿能有限公司
26	春源钢铁工业股份有限公司
27	台北都会区捷运系统芦洲线
28	武汉钢铁集团鄂城钢铁有限责任公司
29	新疆统一企业食品有限公司
30	徐州富山医疗制品有限公司
31	威宏电子（上海）有限公司
32	中芯国际集成电路制造（上海）有限公司
33	抚州富临建材有限公司
34	杭州中梦置业有限公司
35	江西亚东水泥有限公司
36	南昌亚东水泥有限公司
37	昆山荣成纸业有限公司
38	中策橡胶（泰国）
39	萧山区人民政府
40	深圳湾科技生态园
41	广东吉多宝
42	清华大学深圳研究院
43	南通报业新闻传媒中心
44	云南昆明奥特莱斯
45	新疆第一人民医院
46	西安奥特莱斯
47	南通市燃气大楼
48	南通星湖智慧之眼
49	安徽宿州矿建医院
50	齐鲁制药（内蒙古）

序号	业主项目
51	福州三坊七巷上下杭
52	南通印象城
53	江西南昌杉杉奥特莱斯广场
54	沙特CCC水泥
55	阿联酋ECF水泥厂2#水泥磨电气室
56	埃塞俄比亚水泥
57	安克拉水泥
58	坦桑尼亚水泥73E
59	青岛啤酒
60	印尼广青镍业有限公司
61	江苏时代新能源
62	宜春清陶新能源
63	上汽时代新能源
64	宜春国轩新能源
65	国轩电池合肥项目
66	江西泰盛纸业
67	大连恒力石化
68	浙江石油化工
69	四川眉山数据中心
70	天安云谷一期
71	越南春秋电子
72	越南金字轮胎
73	佳世达越南厂二期
74	越南奇宏光电
75	南京阿里巴巴
76	上海阿里巴巴
77	苏州龙湖
78	南京龙湖
79	成都捷普电子
80	吉林卷烟厂
81	阜阳卷烟厂
82	泰国群光电子
83	江西省文化艺术中心三馆
84	珠海景旺电子
85	江西展宇新能源五期
86	东风日产（武汉）
87	大连山水水泥
88	广西金桂浆纸业
89	新疆晶维克1、2#炉
90	肇庆时代新能源
91	青海汇能
92	印尼万向镍业
93	青海丽豪半导体材料有限公司
94	崔寨北中心和会展体育中心
95	德州华源生态科技有限公司
96	苏州维信电子
97	天宜上佳智慧交通数字科技产业园项目
98	宁夏晶体新能源项目
99	上海积塔半导体特色工艺生产线建设
100	广西新福兴硅科技有限公司

COMPANY QUALIFICATION 公司资质

公司始终坚持科技创新的技术路线，所有研制、生产的产品均具有自主知识产权，公司拥有授权多项专利，电容器部份获得CQC/3C产品认证。

实用新型专利证书

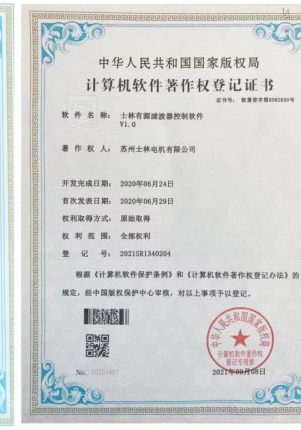
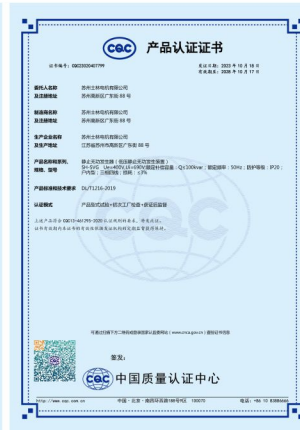
Utility model patent certificate



COMPANY QUALIFICATION 公司资质

产品认证证书

Product certification certificate



计算机软件著作权登记证书

Certificate of Computer Software Copyright Registration

质量体系ISO 9001&环安ISO 14001&45001 证书

ISO Certificate



质量管理体系认证证书

Quality Management System Certification Certificate

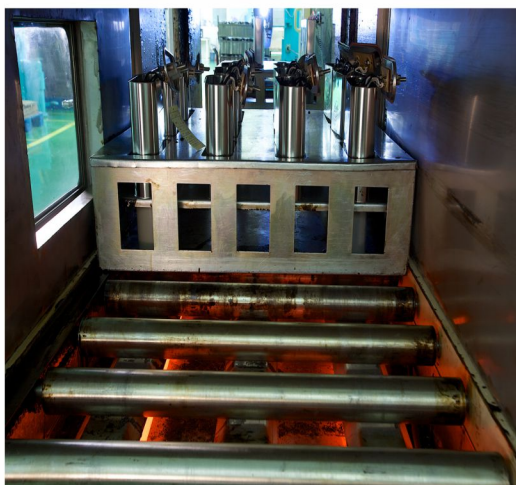
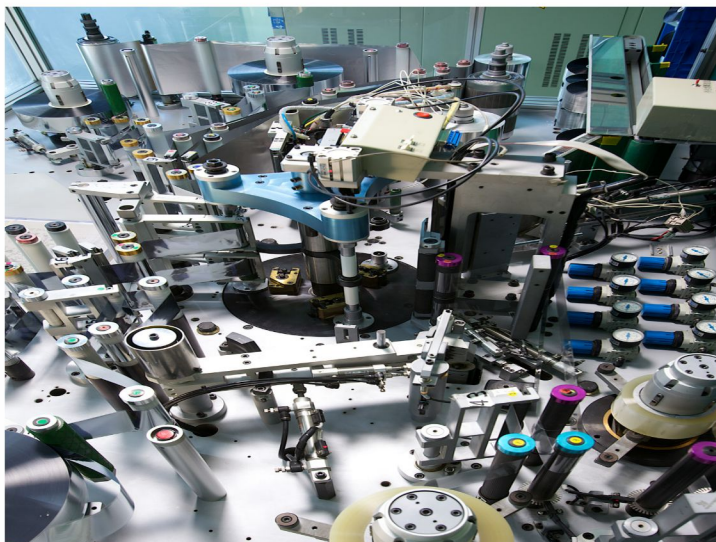


环境管理体系认证证书

Environmental Management System Certification Certificate

职业健康安全管理体系认证证书

Occupational Health and Safety Management System Certification



产品目录 PRODUCT CATALOG

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Cylindrical self-recovery low-voltage shunt capacitor

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Low Voltage Capacitors SH-SWD Series

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Low-voltage thyristor switching module

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Capacitor dedicated contactor



圆柱形自愈式低压并联电容器

Cylindrical self-recovery low-voltage shunt capacitors

(一)圆柱形自愈式低压并联电容器

结构特征

- ①绝缘自愈机能
耐电压及诱电性良好之金属化膜(MPP)为介质,如发生介质破坏时,此破坏点周围的金属化电极在瞬间即被挥发消失掉,而立即恢复绝缘,使电容器恢复正常并继续运转,达到绝缘自愈机能。
- ②体积小且重量轻,搬运安装极为方便。
独特设计,减少其本身的体积和重量。螺杆固定,方便灵活,节约时间。
- ③介质损失小,温升低且寿命长,节省电力经费。
金属外壳封装,内部介质与外层铝壳接触,可直接将热源传导出,优质介质使其抗流能力加大,损失小温升低,寿命长。容量衰减低;电力使用经费可大幅节省。
- ④安全设计
使用保护盖,可以保护电容器螺杆及导线。附装放电电阻和过压保护装置,可确保用电及维护保养之安全,有效防止及隔离灾害的发生。
- ⑤内置放电装置
特殊设计的内置放电电阻,可依靠内部介质释放放电能量,确保用电及维护保养之安全。
- ⑥符合GB、JIS、IEC标准。
内部个体电容器均附装保护装置(UL检验合格, E105535);当线路或个体电容器发生异常时,该保护装置将会立即动作,自动切断电源,以防止二次灾害的发生。
- ⑦不漏油,绿色环保。
采用UL94V阻燃等级软质树脂胶封装,使用中不漏油,避免污染环境,为士林特有之绿色产品。

(1) Cylindrical self-recovery low-voltage shunt capacitors

Structural features

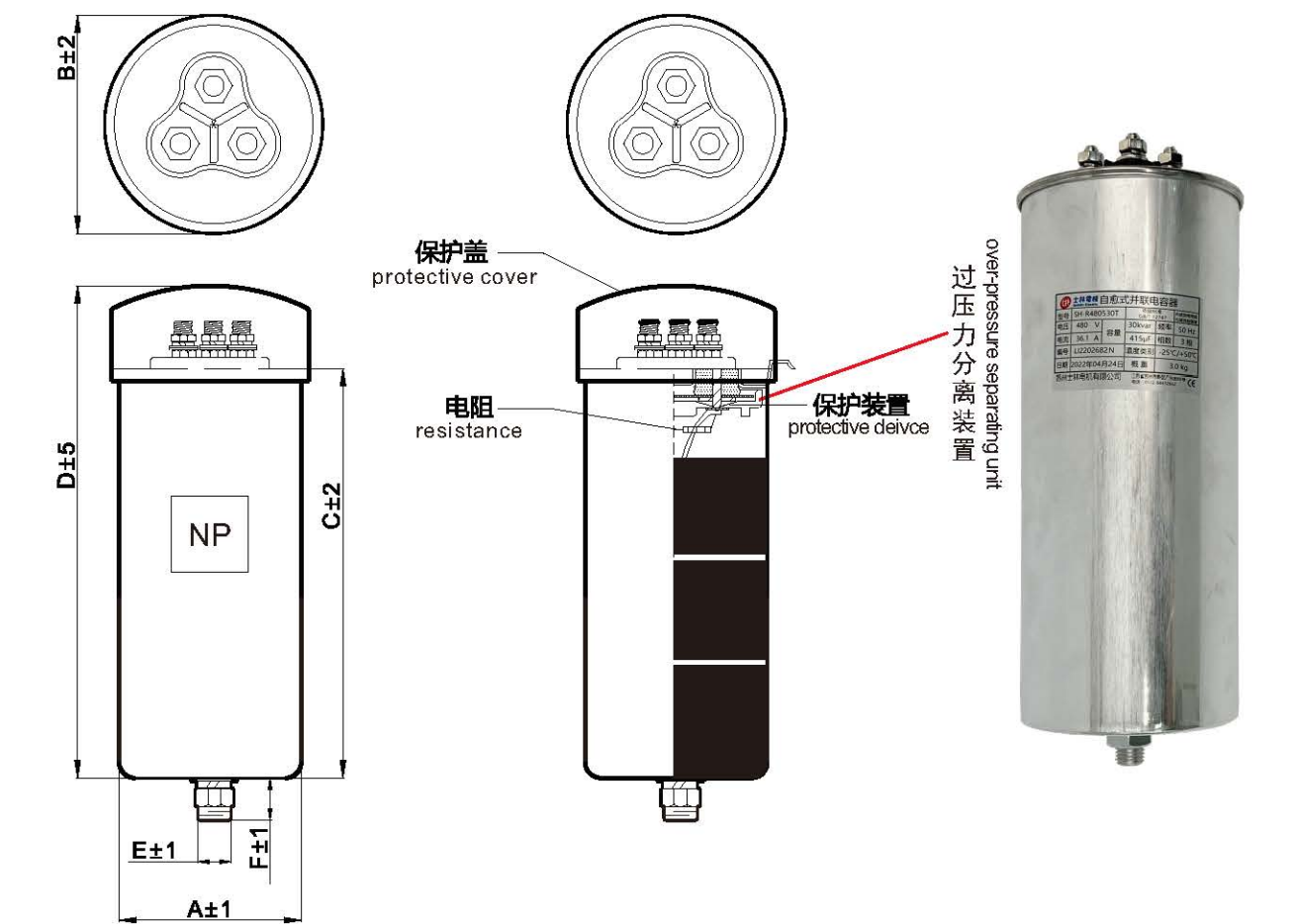
1. Automatic insulation recovery function
The metal plastic film (MPP) with good resistance to voltage and good dielectricity act as medium, which has the function of insulation recovery. When such medium is damaged, the metal polar around the destruction point will be volatilized instantaneously, and it immediately restore the insulation, so that the capacitor get back to normal and continue operation, thus reach automatic insulation recovery function.
2. Small volume and light weight, quite suitable for transport and installation.
Specialized design to reduce its own volume and weight. The screws are fixed, which is convenient, flexible and time saving.
3. Small medium loss, low temperature and long service life, saving the power cost.
Enclosed by metal cover, the inner medium is contacted with the aluminum cover to directly emit out the heat. Superior medium enhances its current resistance, enabling small loss, low temperature increases and long service life. The capacity attenuation is reduced, therefore the power cost can be greatly reduced.
4. safety design
With the protective cover, the capacitor screw and wires can be well protected. Attached are the discharging resistance and over-voltage protecting devices, in order to ensure the safety of power utilization and maintenance and effectively prevent and insulate the accident.
5. Built-in discharging device
The specially designed built-in discharging resistance can ensure the safety of electrical utilization and maintenance, by the discharging energy of inner medium.
6. In accordance with DB, JIS and IEC standard
All the inner individual capacitors has protective devices (UL test qualified, E105535); When the line or individual capacitor has any abnormalities the protective device will automatically act and cut off the power supply, to avoid the secondary accident.
7. No leakage, with green environmental protection.
It adopts soft insulation fillings for the enclosure, with no leakage to avoid environmental pollution. It is the green product special in Shilin.

产品选型

Product type selection

SH - R 440 5 05 T

- T: 三相共补型, S: 单相 Y:分补型
T: three-phase compensation type S: single phase Y: Split-phase compensation type
- 容量kvar (10kvar以下,前码加0占位, 10kvar以上直接填入。如50kvar填入50,带小数点用R表示, 如17.3kvar标示17R3)
Capacitor kvar (when less than 10kvar, add "0" in the prefix code; when larger than 10kvar, directly fill it in. If it is 50kvar, fill in "50", with "R" representing the decimal point, e.g., 17.3kvar was expressed as "17R3")
- 频率Hz (60Hz 取6, 50Hz 取5)
Frequency Hz (take 6 as 60Hz and 5 as 50Hz)
- 额定电压
Rated voltage
- 圆形 (R)、欧式圆形 (B)、椭圆形 (E)
Round (R), European circular(B), Ellipse (E)
- 企业代码
Enterprise code



■ 单相 额定电压250V 50Hz Single phase Rated voltage 250V 50Hz

产品型号 Product type	额定容量 Rated capacity (220V) (kvar)	额定容量 Rated capacity (250V) (kvar)	额定电流 Rated current (250V)(A)	额定电容 Rated capacitance (250V)(μF)	外壳尺寸 Shell dimension (mm)A*C	引出接线端子 Connecting stud	底部螺杆 Bottom stud
SH-R250505S	3.9	5	20.0	255	76*280	M8	M12*15
SH-R250507R5S	5.81	7.5	30.0	382	76*280	M8	M12*15
SH-R250510S	7.74	10	40.0	510	86*280	M8	M12*15
SH-R250512R5S	9.68	12.5	50.0	637	106*290	M8	M12*15
SH-R250515S	11.62	15	60.0	765	106*290	M8	M12*15
SH-R250520S	15.49	20	80.0	1019	136*290	M10	M16*25

■ 三相 额定电压415V 50Hz Three phases Rated voltage 415V 50Hz

产品型号 Product type	额定容量 Rated capacity (400V) (kvar)	额定容量 Rated capacity (415V) (kvar)	额定电流 Rated current (415V)(A)	额定电容 Rated capacitance (415V)(μF)	外壳尺寸 Shell dimension (mm)A*C	引出接线端子 Connecting stud	底部螺杆 Bottom stud
SH-R415505T	4.65	5	7.0	92	76*280	M8	M12*15
SH-R415510T	9.29	10	173.9	185	86*280	M8	M12*15
SH-R415515T	13.94	15	20.9	277	106*290	M8	M12*15
SH-R415520T	18.58	20	27.8	370	106*290	M8	M12*15
SH-R415525T	23.23	25	34.8	462	116*290	M8	M16*25
SH-R415530T	27.87	30	41.7	555	136*290	M10	M16*25

★ 以上容量不建议串电抗器使用
These capacitors should not be connected in series with reactors

■ 三相 额定电压440V 50Hz Three phases Rated voltage440V 50Hz

产品型号 Product type	额定容量 Rated capacity (400V) (kvar)	额定容量 Rated capacity (440V) (kvar)	额定电流 Rated current (440V)(A)	额定电容 Rated capacitance (440V)(μF)	外壳尺寸 Shell dimension (mm)A*C	引出接线端子 Connecting stud	底部螺杆 Bottom stud
SH-R440505T	4.13	5	6.6	82	76*280	M8	M12*15
SH-R440507R5T	6.21	7.5	9.8	123	76*280	M8	M12*15
SH-R440510T	8.26	10	13.1	164	86*280	M8	M12*15
SH-R440512R5T	10.33	12.5	16.4	206	86*280	M8	M12*15
SH-R440515T	12.39	15	19.7	247	106*290	M8	M12*15
SH-R440520T	16.52	20	26.2	329	116*290	M8	M16*25
SH-R440525T	20.65	25	32.8	411	116*290	M8	M16*25
SH-R440530T	24.78	30	39.4	493	136*290	M10	M16*25
SH-R440535T	28.91	35	45.9	575.7	136*290	M10	M16*25
SH-R440540T	33.04	40	52.5	658	136*290	M10	M16*25

■ 三相 额定电压480V 50Hz Three phases Rated voltage 480V 50Hz

产品型号 Product type	额定容量 Rated capacity (400V) (kvar)	额定容量 Rated capacity (480V) (kvar)	额定电流 Rated current (480V)(A)	额定电容 Rated capacitance (480V)(μF)	外壳尺寸 Shell dimension (mm)A*C	引出接线端子 Connecting stud	底部螺杆 Bottom stud
SH-R480505T	3.47	5	6.0	69	76*280	M8	M12*15
SH-R480510T	6.94	10	12.0	138	86*280	M8	M12*15
SH-R480515T	10.41	15	18.0	207	106*290	M8	M12*15
SH-R480520T	13.88	20	24.1	276	116*290	M8	M16*25
SH-R480525T	17.35	25	30.1	346	116*290	M8	M16*25
SH-R480530T	20.82	30	36.1	415	136*290	M10	M16*25
SH-R480535T	24.31	35	42.1	483.8	136*290	M10	M16*25
SH-R480540T	27.78	40	48.1	552.9	136*290	M10	M16*25

★ 以上再大容量需求请选择 SH-SWD-----系列(方形)
For the demand of larger capacity please select SH-SWD ----- series (square)

■ 三相 额定电压525V 50Hz Three phases Rated voltage 525V 50Hz

产品型号 Product type	额定容量 Rated capacity (400V) (kvar)	额定容量 Rated capacity (525V) (kvar)	额定电流 Rated current (525V)(A)	额定电容 Rated capacitance (525V)(μF)	外壳尺寸 Shell dimension (mm)A*C	引出接线端子 Connecting stud	底部螺杆 Bottom stud
SH-R525505T	2.9	5	5.5	58	76*280	M8	M12*15
SH-R525510T	5.8	10	11.0	116	86*280	M8	M12*15
SH-R525515T	8.7	15	16.5	173	106*290	M8	M12*15
SH-R525520T	11.6	20	22.0	231	106*290	M8	M12*15
SH-R525525T	14.5	25	27.5	289	116*290	M8	M16*25
SH-R525530T	17.4	30	33.0	346	116*290	M8	M16*25
SH-R525535T	20.3	35	38.5	404.4	136*290	M10	M16*25
SH-R525540T	23.2	40	44.0	462	136*290	M10	M16*25

■ 分相 额定电压250V 50Hz Split phase Rated voltage 250V 50Hz

产品型号 Product type	系统电压 System voltage (V)	额定电压 Rated voltage (V)	容量 Capacity		电流 Current (A)	尺寸 (mm) Dimension		引出接 线端子 Connecting stud	底部螺杆 Bottom stud	备注 Remarks
			kvar	μ F		A	C			
SH-R250507R5Y	220	250	2.5*3	127.4*3	10*3	106	290	M8	M12*15	3个2.5kvar单相组成 Composed of 3 2.5kvar single phases
SH-R250510Y			3.3*3	168.2*3	13.2*3	106	290	M8	M12*15	3个3.33kvar单相组成 Composed of 3 3.33kvar single phases
SH-R250515Y			5*3	254.8*3	20*3	106	290	M8	M12*15	3个5kvar单相组成 Composed of 3 5kvar single phases
SH-R250522R5Y			7.5*3	382.2*3	30*3	116	290	M8	M16*25	3个7.5kvar单相组成 Composed of 3 7.5kvar single phases
SH-R250525Y			8.3*3	423*3	33.2*3	116	290	M8	M16*25	3个8.3kvar单相组成 Composed of 3 8.3kvar single phases
SH-R250530Y			10*3	509.6*3	40*3	136	290	M10	M16*25	3个10kvar单相组成 Composed of 3 10kvar single phases

■ 分相 额定电压280V 50Hz Split phase Rated voltage 250V 50Hz

产品型号 Product type	系统电压 System voltage (V)	额定电压 Rated voltage (V)	容量 Capacity		电流 Current (A)	尺寸 (mm) Dimension		引出接 线端子 Connecting stud	底部螺杆 Bottom stud	备注 Remarks
			kvar	μ F		A	C			
SH-R280507R5Y	220	280	2.5*3	101.6*3	9*3	106	290	M8	M12*15	3个2.5kvar单相组成 Composed of 3 2.5kvar single phases
SH-R280510Y			3.3*3	134.1*3	11.8*3	106	290	M8	M12*15	3个3.33kvar单相组成 Composed of 3 3.33kvar single phases
SH-R280515Y			5*3	203.1*3	17.9*3	106	290	M8	M12*15	3个5kvar单相组成 Composed of 3 5kvar single phases
SH-R280522R5Y			7.5*3	304.7*3	26.8*3	116	290	M8	M16*25	3个7.5kvar单相组成 Composed of 3 7.5kvar single phases
SH-R280525Y			8.3*3	337.2*3	30*3	116	290	M8	M16*25	3个8.3kvar单相组成 Composed of 3 8.3kvar single phases
SH-R280530Y			10*3	406.2*3	35.7*3	136	290	M10	M16*25	3个10kvar单相组成 Composed of 3 10kvar single phases

★ 以上再大容量需求请选择 SH-SWD-----系列(方形)
For the demand of larger capacity please select SH-SWD ----- series (square)



低压安全低温型干式电容器
Low Voltage Capacitors SH-SWD Series

(二) 低压安全低温型干式电容器

■ SH-SWD系列

SH-SWD 电容器是一种低温耐用的高性能解决方案，为用户提供极高的可靠性、安全性和卓越的性能

■ SH-SWD构造

独特的保护系统

一种独特的保护系统，确保每个单独的元件在寿命完结时从电路中分断开；另内附熔丝保护，具有过电流、过压力保护

耐用高性能设计

衡量电力系统电能质量，为国内首创的高性能低温型技术

- 不易破损
- 优越的峰值电流处理能力
- 具有高度稳定性
- 最佳的自我修复机能
- 长久的使用寿命

匠心60年制造工艺

为了确保电容器具有良好的电气特性，采用先进精密制程设备，元件经过二次真空及惰性气体处理，于净化及温湿度管控车间生产

纯干式固态结构

环保绿色产品，不会有任何液体泄漏造成环境污染

低温、阻燃

在 SH-SWD 电容器中采用UL结构单体，所有单体均包覆阻燃絕緣熱縮套；通过低温型电容器内部结构提升及外壳散热结构加强，温升相较于传统电容器有效↓10℃(MAX)

安全坚固耐用

具有双重金属外壳保护，通过外壳耐爆能量试验

(2) Low Voltage Capacitors SH-SWD Series

■ SH-SWD Series

SH-SWD series capacitors is a high - performance solution durable at low temperatures.Provide users with extremely high reliability, security and excellent performance.

■ SH-SWD Structure

Unique protection system

A unique protection system,Ensure that each individual component is disconnected from the circuit at the end of its lifespan, It has built - in fuse protection, offering over - current and over - pressure protection.

Durable and high - performance design

"It is a high - performance low - temperature technology pioneered in China."

- Not prone to breakage
- Superior peak current handling capacity
- High degree of stability
- Optimal self - repair function
- Long service life

60 years of manufacturing process

"In order to ensure that capacitors have excellent electrical characteristics, advanced and precise manufacturing equipment is adopted. The components undergo secondary vacuum and inert gas treatment, and are produced in a purified workshop with temperature and humidity control."

Dry - type structure

It is an environmentally - friendly green product. There will be no liquid leakage to cause environmental pollution.

low - temperature resistant, flame - retardant

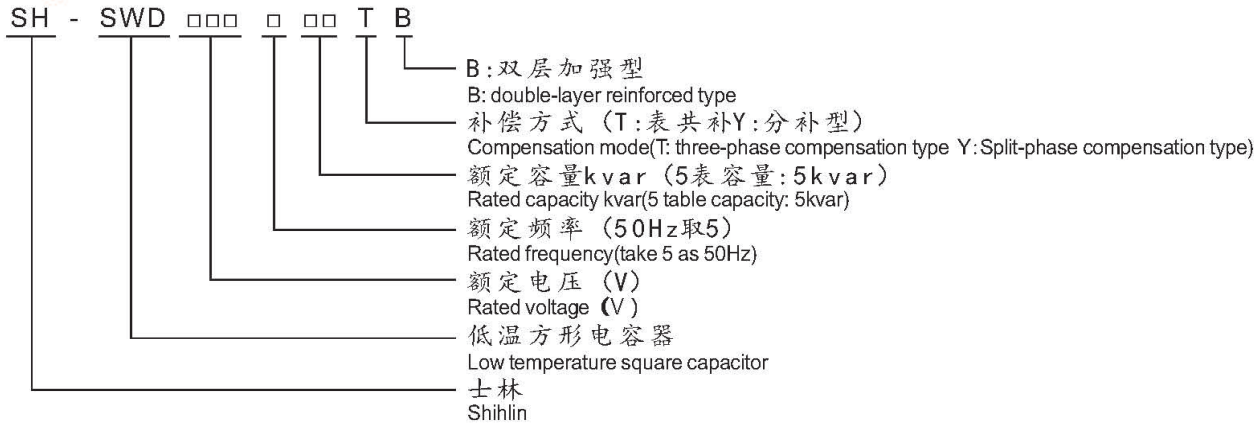
"In SH-SWD Series UL capacitors are used in this capacitor. All individual units are covered with flame - retardant insulating heat - shrinkable sleeves. Through the enhancement of the low - temperature capacitor structure and the reinforcement of the shell heat - dissipation structure, the temperature rise is effectively decreased by 10℃(MAX) compared with traditional capacitors."

Safe, sturdy and durable

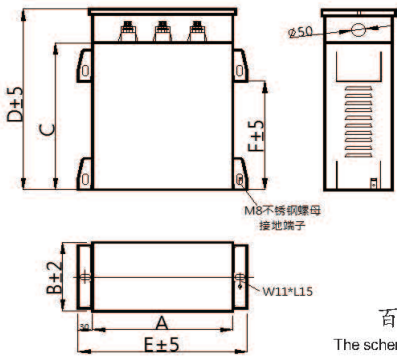
"It has double - layer metal shell protection and has passed the shell explosion - resistant energy test.

产品型号定义

Product type selection



示例: SH-SWD480530TB, 表示低温双层方形自愈式低压并联电容器, 容量30kvar, 额定电压480V。
 Example: SH-SWD480530TB, which represents a low-temperature double-layer square self-healing low-voltage shunt capacitor with a capacity of 30kvar and a rated voltage of 480V.



百叶窗开孔示意图，以实物为准
 The schematic diagram is for reference only. The actual product shall prevail.

三相		额定电压440V		50Hz		Three phases		Rated voltage 440V 50Hz						
产品型号 Product type	系统电压 System voltage (V)	额定电压 Rated voltage (V)	容量 Capacity		电流 Current	尺寸 (mm) Dimension					引出端子 Connecting stud	概略重量 rough weight kg	适用环境 Working environment	
			kvar	μ F	(A)	A	B	C	D	E				
SH-SWD440515TB	380	440	15	247	19.7	220	140	250	350	280	M8	3.2	系统电压为： 380V/400V ◎ SC由APFR控制 投入或多组SC并列 ◎ 串联6%、7% SR ◎ 谐波含量略高 System voltage is : 380V / 400V SC is controlled by APFR or several SC groups are in parallel 7% and 6% SR in series connection Harmonic content is medium	
SH-SWD440520TB			20	329	26.2	220	140	250	350	280	M8	3.2		
SH-SWD440525TB			25	411	32.8	350	140	250	350	410	M8	8.2		
SH-SWD440530TB			30	493	39.4	350	140	250	350	410	M8	8.2		
SH-SWD440535TB			35	576	45.9	350	140	470	570	410	M12	10.4		
SH-SWD440540TB			40	658	52.5	350	140	470	570	410	M12	10.4		
SH-SWD440545TB			45	740	59.0	350	140	470	570	410	M12	10.4		
SH-SWD440550TB			50	822	65.6	350	140	470	570	410	M12	12.6		
SH-SWD440560TB			60	987	78.7	350	140	470	570	410	M12	12.6		
SH-SWD440570TB			70	1151	91.9	420	140	470	570	480	M12	14.8		
SH-SWD440575TB			75	1234	98.4	420	140	470	570	480	M12	14.8		
SH-SWD440580TB			80	1316	105.0	420	140	470	570	480	M12	14.8		

■ 三相 额定电压480V 50Hz Three phases Rated voltage 480V 50Hz

产品型号 Product type	系统电压 System voltage (V)	额定电压 Rated voltage (V)	容量 Capacity		电流 Current	尺寸 (mm) Dimension					引出接 线端子 Connecting stud	概略 重量 rough weight kg	适用环境 Working environment
			kvar	μ F	(A)	A	B	C	D	E			
SH-SWD480510TB	380	480	10	138	12.0	220	140	250	350	280	M8	3.2	系统电压为： 380V/400V ◎ SC由APFR 控制 投入或多组SC并列 ◎ 串联6%、7% SR ◎ 谐波含量略高 System voltage is : 380V / 400V SC is controlled by APFR or several SC groups are in parallel 6% and 7% SR in series connection Harmonic content is medium
SH-SWD480515TB			15	207	18.0	220	140	250	350	280	M8	3.2	
SH-SWD480520TB			20	276	24.1	350	140	250	350	410	M8	5.6	
SH-SWD480525TB			25	346	30.1	350	140	250	350	410	M8	5.6	
SH-SWD480530TB			30	415	36.1	350	140	470	570	410	M12	8.2	
SH-SWD480535TB			35	484	42.1	350	140	470	570	410	M12	9.2	
SH-SWD480540TB			40	553	48.1	350	140	470	570	410	M12	9.2	
SH-SWD480545TB			45	622	54.1	350	140	470	570	410	M12	9.2	
SH-SWD480550TB			50	691	60.1	350	140	470	570	410	M12	10.4	
SH-SWD480560TB			60	829	72.2	420	140	470	570	480	M12	10.4	
SH-SWD480570TB			70	968	84.2	350	140	470	570	410	M12	10.4	
SH-SWD480575TB			75	1037	90.2	350	140	470	570	410	M12	10.4	
SH-SWD480580TB			80	1106	96.2	420	140	470	570	480	M12	12.6	
SH-SWD480590TB			90	1244	108.3	420	140	470	570	480	M12	12.6	
SH-SWD4805100TB			100	1382	120.3	420	140	470	570	480	M12	12.6	

■ 三相 额定电压525V 50Hz Three phases Rated voltage 525V 50Hz

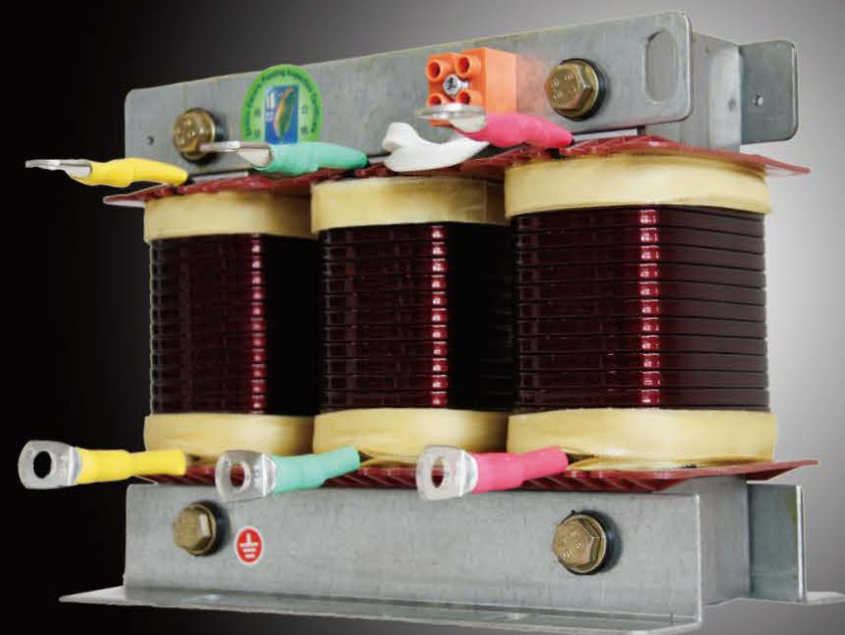
产品型号 Product type	系统电压 System voltage (V)	额定电压 Rated voltage (V)	容量 Capacity		电流 Current	尺寸 (mm) Dimension					引出接 线端子 Connecting stud	概略 重量 rough weight kg	适用环境 Working environment
			kvar	μ F	(A)	A	B	C	D	E			
SH-SWD525510TB	380	525	10	116	11.0	220	140	250	350	280	M8	3.2	系统电压为： 380V/400V ◎ SC由APFR 控制 投入或多组SC并列 ◎ 串联13%、14% SR ◎ 谐波含量略高 System voltage is : 380V / 400V SC is controlled by APFR or several SC groups are in parallel 13% and 14% SR in series connection Harmonic content is medium
SH-SWD525515TB			15	173	16.5	220	140	250	350	280	M8	3.2	
SH-SWD525520TB			20	231	22.0	220	140	250	350	280	M8	5.6	
SH-SWD525525TB			25	25	27.5	350	140	250	350	410	M8	5.6	
SH-SWD525530TB			30	30	33.0	350	140	250	350	410	M8	5.6	
SH-SWD525535TB			35	35	38.5	350	140	470	570	410	M12	8.2	
SH-SWD525540TB			40	40	44.0	350	140	470	570	410	M12	8.2	
SH-SWD525545TB			45	45	49.5	350	140	470	570	410	M12	8.2	
SH-SWD525550TB			50	50	55.0	350	140	470	570	410	M12	10.4	
SH-SWD525560TB			60	60	66.0	350	140	470	570	410	M12	10.4	
SH-SWD525570TB			70	70	77.0	420	140	470	570	480	M12	12.6	
SH-SWD525575TB			75	75	82.5	420	140	470	570	480	M12	12.6	
SH-SWD525580TB			80	80	88.0	420	140	470	570	480	M12	12.6	
SH-SWD525590TB			90	90	99.0	350	140	470	570	410	M12	12.6	
SH-SWD5255100TB			100	100	110.0	420	140	470	570	480	M12	12.6	

■ 分相 额定电压250V 50Hz Split phase Rated voltage 525V 50Hz

产品型号 Product type	系统电压 System voltage (V)	额定电压 Rated voltage (V)	容量 Capacity		电流 Current	尺寸 (mm) Dimension					引出接 线端子 Connecting stud	概略 重量 rough weight kg	适用环境 Working environment
			kvar	μ F	(A)	A	B	C	D	E			
SH-SWD250515YB	220	250	5*3	255*3	20*3	220	140	250	350	280	M8	6.1	3个5kvar 单相组成 Composed of3 5kvar single phases
SH-SWD250522R5YB			7.5*3	382*3	30*3	350	140	250	350	410	M8	8.7	3个7.5kvar 单相组成 Composed of3 7.5kvar single phases
SH-SWD250530YB			10*3	510*3	40*3	350	140	250	350	410	M12	8.7	3个10kvar 单相组成 Composed of3 10kvar single phases
SH-SWD250545YB			15*3	764*3	60*3	350	140	470	570	410	M12	10.9	3个15kvar 单相组成 Composed of3 15kvar single phases
SH-SWD250560YB			20*3	1019*3	80*3	350	140	470	570	410	M12	13.5	3个20kvar 单相组成 Composed of3 20kvar single phases

■ 分相 额定电压280V 50Hz Split phase Rated voltage 525V 50Hz

产品型号 Product type	系统电压 System voltage (V)	额定电压 Rated voltage (V)	容量 Capacity		电流 Current	尺寸 (mm) Dimension					引出接 线端子 Connecting stud	概略 重量 rough weight kg	适用环境 Working environment
			kvar	μ F	(A)	A	B	C	D	E			
SH-SWD280515YB	220	280	5*3	203*3	17.9*3	220	140	250	350	280	M8	6.1	3个5kvar 单相组成 Composed of3 5kvar single phases
SH-SWD280522R5YB			7.5*3	305*3	26.8*3	350	140	250	350	410	M8	8.7	3个7.5kvar 单相组成 Composed of3 7.5kvar single phases
SH-SWD280530YB			10*3	406*3	35.7*3	350	140	250	350	410	M12	8.7	3个10kvar 单相组成 Composed of3 10kvar single phases
SH-SWD280545YB			15*3	609*3	53.6*3	350	140	470	570	410	M12	10.9	3个15kvar 单相组成 Composed of3 15kvar single phases
SH-SWD280560YB			20*3	812*3	71.4*3	350	140	470	570	410	M12	13.5	3个20kvar 单相组成 Composed of3 20kvar single phases



电容器用串联电抗器

Series reactor for capacitors

(三) 电容器用串联电抗器

H级干式串联电抗器

产品简介

- ① 损耗低。
- ② 噪音低。
- ③ 高抑制电路的突涌电流。
- ④ 高抗谐波能力。
- ⑤ 自然冷却。
- ⑥ 常闭温度保护器(125℃)。

性能指标

- ① 额定电压：260V、440V、480V、525V等。
- ② 绝缘耐压：对地（T-C）、对相（T-T）施加4kVAC@1min，无击穿、闪络现象。
- ③ 电流Ith：连续额定电流1.05I_{rms}。
- ④ 绝缘等级：H级（180℃）。
- ⑤ 声级测定：正常工作下，噪声不大于48dB（与电抗器水平距离1m测试）。
- ⑥ 绝缘材料阻燃性满足UL认证。
- ⑦ 已取得国家电器产品质量监督检验中心认证。
- ⑧ 依据标准：按照GB 1094.6 - 2011 / IEC 60076-6：2007等的规定设计、制造及试验。

使用条件

- ① 户内使用。
- ② 安装点海拔不超过1000m。
- ③ 安装点周围不可有影响绝缘性能的物质以及易燃易爆等物品。
- ④ 使用时，外界气温最高不超过+40℃，日平均气温不超过30℃最低温度不低于-20℃。
- ⑤ 安装在柜内时应有良好的通风条件。
- ⑥ 安装间隔离水平方向>5cm，垂直方向>12cm。
- ⑦ 以上为我司标准品，其他规格可依据客户需求定制。

产品选型 Product type selection

SH - SR 440 40 T - 7/7A

- 调谐数（7%，14%）
Tuning number (7%, 14%)
- 三相（T）、单相（S）
Three-phase (T), single-phase (S)
- 配合电容器额定容量
Rated capacity corresponding to the capacitor
- 额定电压
Rated voltage
- 串联电抗器
Series reactor
- 企业代码
Enterprise code

(3) Series reactor for capacitors

H - class dry series reactor

Product features

- ① low loss
- ② low noise
- ③ high suppression of circuit surge current.
- ④ high anti-harmonic ability.
- ⑤ natural cooling.
- ⑥ constantly closed temperature protector (125 °C).

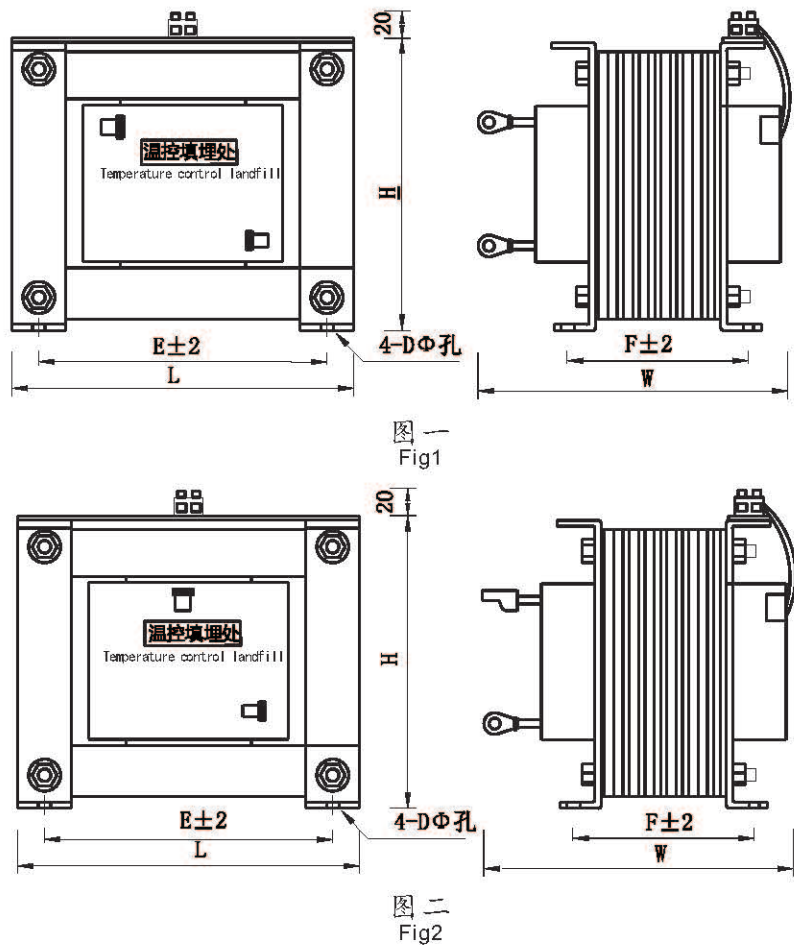
Technical specifications

- ① Rated voltage: 260V, 440V, 480V, 525V and so on.
- ② Insulation voltage resistance: to the ground (T-C), the phase (T-T) imposed 4kVAC @ 1min, no breakdown and flashover phenomenon.
- ③ current Ith: continuous rated current 1.05I_{rms}.
- ④ insulation class: H level (180 °C).
- ⑤ sound level measurement: in normal working status, the noise is not greater than 48dB (test conducted 1m horizontally far away from the reactor).
- ⑥ flame retardancy of the Insulation material should meet UL certification.
- ⑦ It has been certified by national electrical product quality supervision and inspection center.
- ⑧ According to the standard: in accordance with the design, manufacture and testing of GB 1094.6 - 2011 / IEC 60076-6: 2007, etc.

Use conditions

- ① use indoor.
- ② elevation of the installation point should not be higher than 1000m.
- ③ No substances that affect the insulation properties or flammable and explosive items near the installation point.
- ④ When in use, the external temperature should not be higher than +40 °C, the average daily temperature should not exceed 30 °C and minimum temperature should not be less than 20 °C.
- ⑤ Good ventilation conditions when installed in the cabinet.
- ⑥ isolation space > 5cm horizontally, > 12cm vertically.
- ⑦ Other specifications can be customized according to customer needs.

单相电抗外形尺寸
Dimension of the single-phase reactor

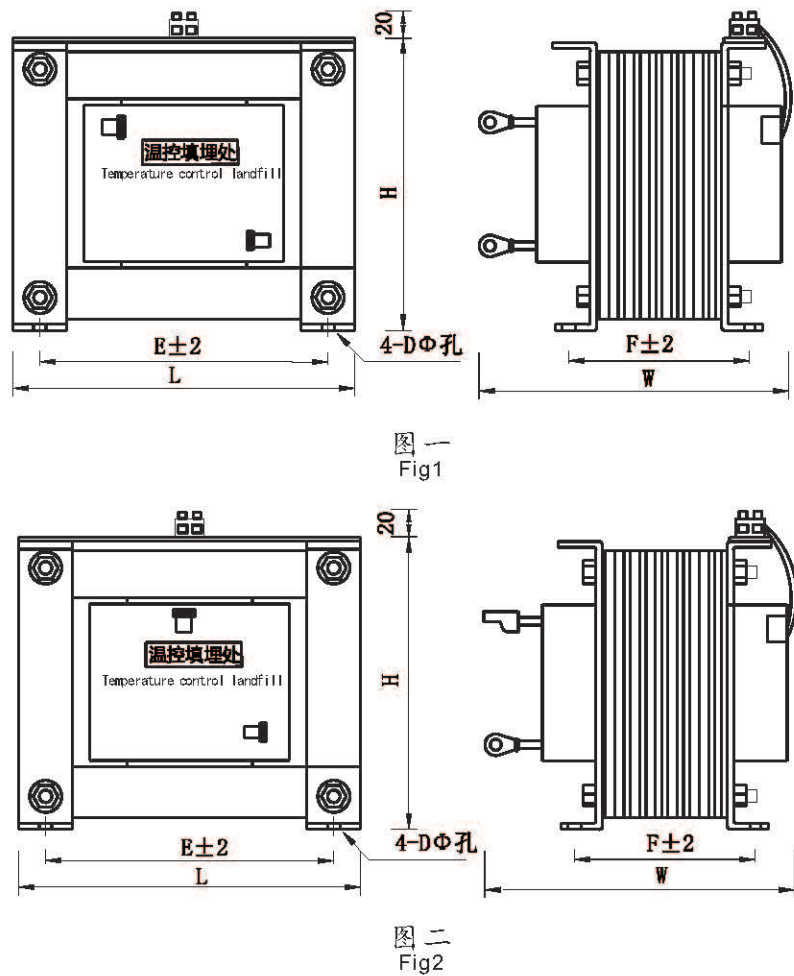


产品列表（I 型号）
Product list (type I)

■ 单相 额定电压250V/50Hz（电网电压 230V）
Single phase Rated voltage 250V/50Hz (grid voltage 230V)

产品型号 Product model	额定电压 Rated voltage	调谐系数 Tuning coefficient	电容器容量 Capacitor capacity (kvar)	电感 inductance (mH)	外型尺寸 (mm) Outline dimension			安装尺寸 (mm) Installation dimension		安装孔 Installation hole	参考图 Reference figure	概重 Rough weight (kg)
					L	W	H	E	F			
SH-SR25005S-7	250V 7%		5	3.494	133	170	123	110	110	7Φ-12L	图二 Fig2	7.6
SH-SR25010S-7			10	1.747	133	170	123	110	110	7Φ-12L	图一 Fig1	7.9
SH-SR25015S-7			15	1.165	163	190	145	135	115	10Φ-15L	图一 Fig1	12.3
SH-SR25020S-7			20	0.873	163	190	145	135	115	10Φ-15L	图二 Fig2	13.0
SH-SR25025S-7			25	0.699	193	215	175	163	132	10Φ-15L	图一 Fig1	19.7
SH-SR25030S-7			30	0.582	193	215	175	163	132	10Φ-15L	图二 Fig2	20.3
SH-SR25035S-7			35	0.499	193	245	175	163	160	10Φ-15L	图二 Fig2	26.0
SH-SR25040S-7			40	0.437	240	255	210	200	160	10Φ-15L	图一 Fig1	37.4

单相电抗外形尺寸
Dimension of the single-phase reactor

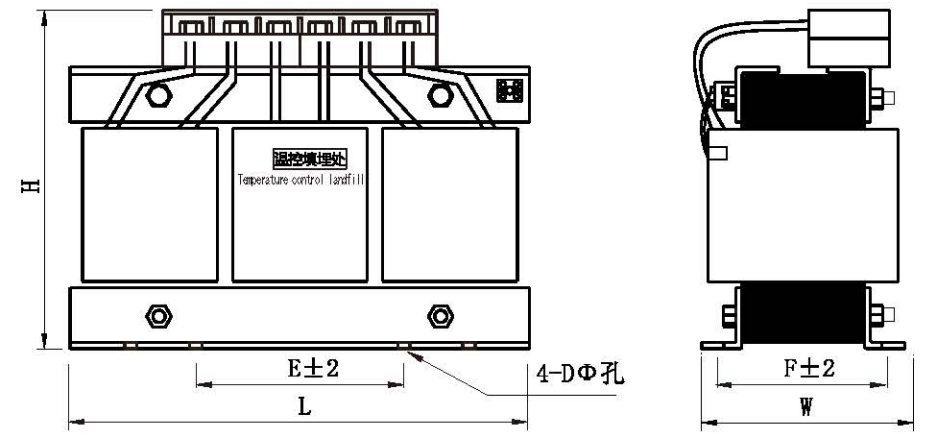


产品列表（II 型号）
Product list (type II)

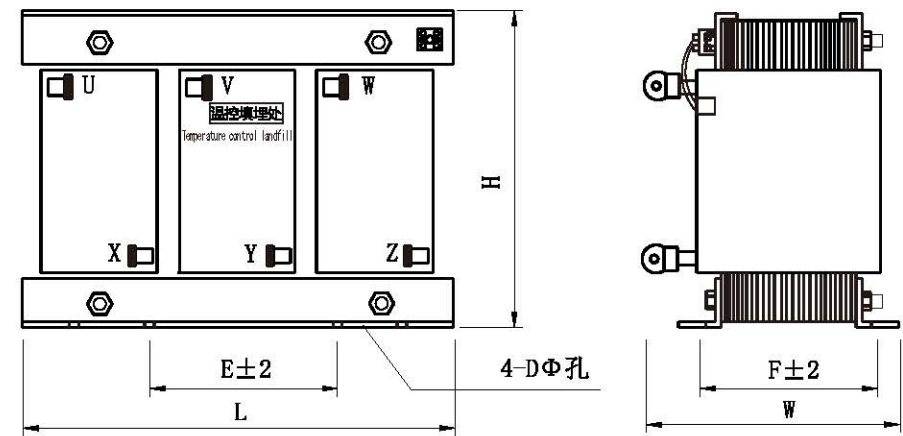
■ 单相 额定电压250V/50Hz（电网电压 230V）
Single phase Rated voltage 250V/50Hz (grid voltage 230V)

产品型号 Product model	额定电压 Rated voltage	调谐系数 Tuning coefficient	电容器容量 Capacitor capacity (kvar)	电感 inductance (mH)	外型尺寸 (mm) Outline dimension			安装尺寸 (mm) Installation dimension		安装孔 Installation hole	参考图 Reference figure	概重 Rough weight (kg)
					L	W	H	E	F			
SH-SR25005S-7A	250V 7%		5	3.494	133	170	123	110	110	7Φ-12L	图一 Fig1	7.3
SH-SR25010S-7A			10	1.747	133	175	123	110	115	7Φ-12L	图二 Fig2	8.0
SH-SR25015S-7A			15	1.165	163	190	145	135	115	10Φ-15L	图二 Fig2	11.7
SH-SR25020S-7A			20	0.873	193	215	175	163	132	10Φ-15L	图二 Fig2	19.1
SH-SR25025S-7A			25	0.699	193	215	175	163	132	10Φ-15L	图二 Fig2	19.3
SH-SR25030S-7A			30	0.582	193	245	175	163	160	10Φ-15L	图二 Fig2	24.9
SH-SR25035S-7A			35	0.499	193	245	175	163	160	10Φ-15L	图二 Fig2	25.3
SH-SR25040S-7A			40	0.437	240	255	210	200	160	10Φ-15L	图一 Fig1	36.6

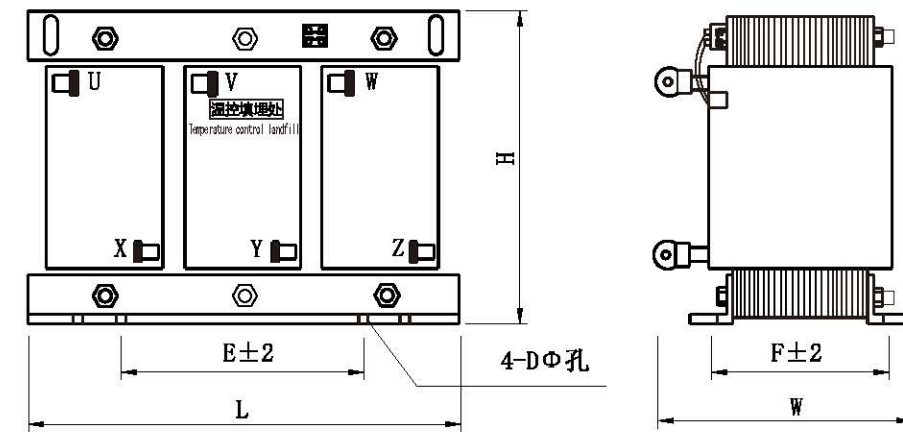
三相电抗外形尺寸
Dimension of three-phase reactor



图一
Fig1

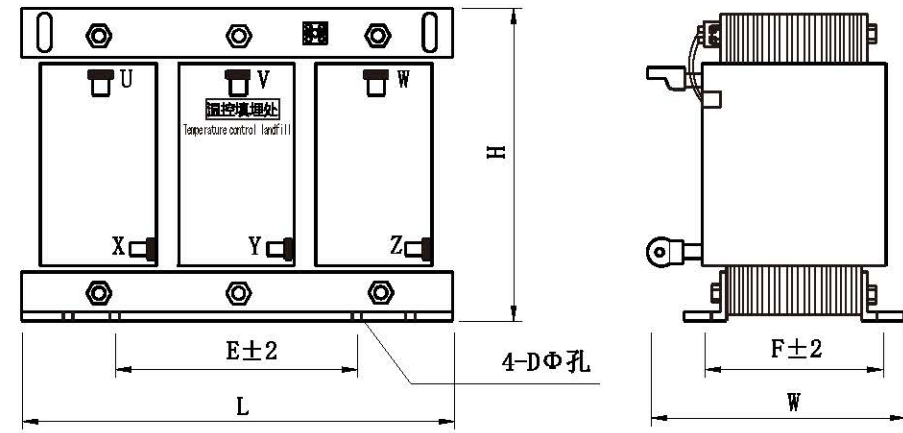


图二
Fig2

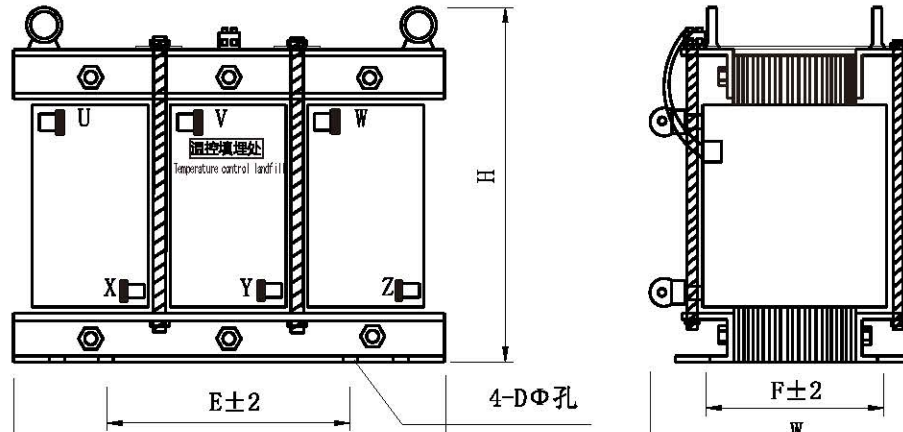


图三
Fig3

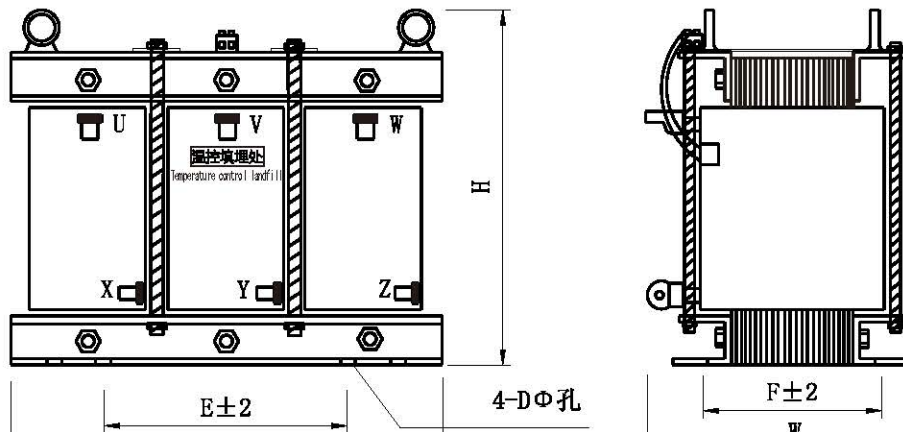
三相电抗外形尺寸
Dimension of three-phase reactor



图四
Fig4



图五
Fig5



图六
Fig6

产品列表（I 型号）Product list (type I)

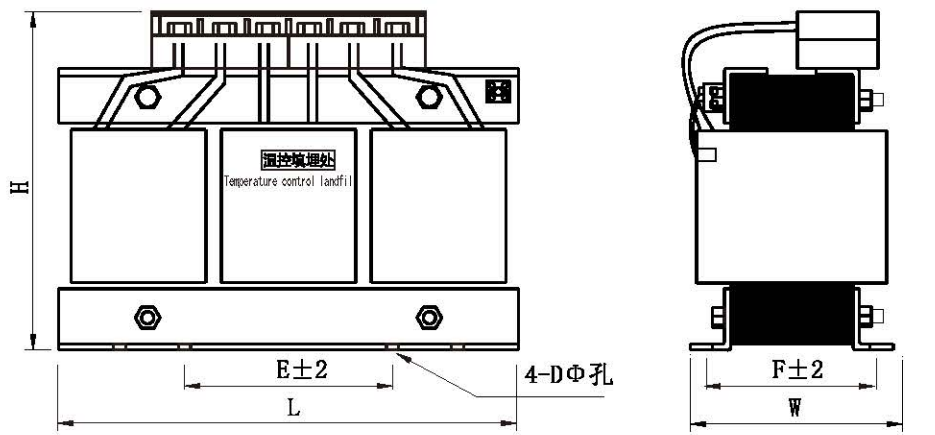
■ 三相 额定电压440V/50Hz （电网电压 400V） Three phase Rated voltage 440V/50Hz (grid voltage 400V)												
产品型号 Product model	额定电压 Rated voltage	调谐系数 Tuning coefficient	电容器容量 Capacitor capacity (kvar)	电感 Inductance (mH)	外型尺寸 (mm) Outline dimension			安装尺寸 (mm) Installation dimension		安装孔 Installation hole	参考图 Reference figure	概重 Rough weight (kg)
					L	W	H	E	F			
SH-SR44010T-7	440V 7%		10	4.314	180	100	170	90	78	7Φ-12L	图一 Fig1	8.6
SH-SR44015T-7			15	2.876	180	110	170	90	88	7Φ-12L	图一 Fig1	10.1
SH-SR44020T-7			20	2.157	180	155	150	90	88	7Φ-12L	图二 Fig2	10.6
SH-SR44025T-7			25	1.725	226	175	180	120	100	10Φ-20L	图三 Fig3	16.4
SH-SR44030T-7			30	1.438	226	175	180	120	100	10Φ-20L	图三 Fig3	16.4
SH-SR44035T-7			35	1.232	226	185	180	120	110	10Φ-20L	图四 Fig4	19.8
SH-SR44040T-7			40	1.078	226	185	180	120	110	10Φ-20L	图四 Fig4	19.8
SH-SR44045T-7			45	0.959	260	200	200	135	115	10Φ-20L	图四 Fig4	27.0
SH-SR44050T-7			50	0.863	260	200	200	135	115	10Φ-20L	图四 Fig4	27.0
SH-SR44060T-7			60	0.719	260	200	200	135	115	10Φ-20L	图四 Fig4	28.5
SH-SR44070T-7			70	0.616	260	215	215	135	130	10Φ-20L	图四 Fig4	33.8
SH-SR44075T-7			75	0.575	300	210	260	140	130	10Φ-20L	图三 Fig3	37.9
SH-SR44080T-7			80	0.539	300	210	260	140	130	10Φ-20L	图三 Fig3	37.9
■ 三相 额定电压480V/50Hz （电网电压 400V） Three phase Rated voltage 480V/50Hz (grid voltage 400V)												
产品型号 Product model	额定电压 Rated voltage	调谐系数 Tuning coefficient	电容器容量 Capacitor capacity (kvar)	电感 Inductance (mH)	外型尺寸 (mm) Outline dimension			安装尺寸 (mm) Installation dimension		安装孔 Installation hole	参考图 Reference figure	概重 Rough weight (kg)
					L	W	H	E	F			
SH-SR48010T-7	480V 7%		10	5.134	180	100	170	90	78	7Φ-12L	图一 Fig1	8.6
SH-SR48015T-7			15	3.422	180	110	170	90	88	7Φ-12L	图一 Fig1	10.1
SH-SR48020T-7			20	2.567	180	155	150	90	88	7Φ-12L	图二 Fig2	10.3
SH-SR48025T-7			25	2.053	226	175	180	120	100	10Φ-20L	图四 Fig3	15.3
SH-SR48030T-7			30	1.711	226	175	180	120	100	10Φ-20L	图四 Fig3	15.3
SH-SR48035T-7			35	1.467	226	185	180	120	110	10Φ-20L	图四 Fig4	19.6
SH-SR48040T-7			40	1.283	226	185	180	120	110	10Φ-20L	图四 Fig4	19.6
SH-SR48045T-7			45	1.141	260	200	200	135	115	10Φ-20L	图三 Fig4	25.9
SH-SR48050T-7			50	1.027	260	200	200	135	115	10Φ-20L	图三 Fig4	25.9
SH-SR48060T-7			60	0.856	260	200	200	135	115	10Φ-20L	图四 Fig4	27.0
SH-SR48070T-7			70	0.733	260	215	215	135	130	10Φ-20L	图三 Fig4	31.2
SH-SR48075T-7			75	0.684	300	210	260	140	130	10Φ-20L	图三 Fig3	36.7
SH-SR48080T-7			80	0.642	300	210	260	140	130	10Φ-20L	图三 Fig3	36.7
SH-SR48090T-7			90	0.570	300	210	260	140	130	10Φ-20L	图三 Fig3	37.9
SH-SR480100T-7			100	0.513	300	220	260	140	140	10Φ-20L	图三 Fig3	39.7

产品列表（I 型号）Product list (type I)

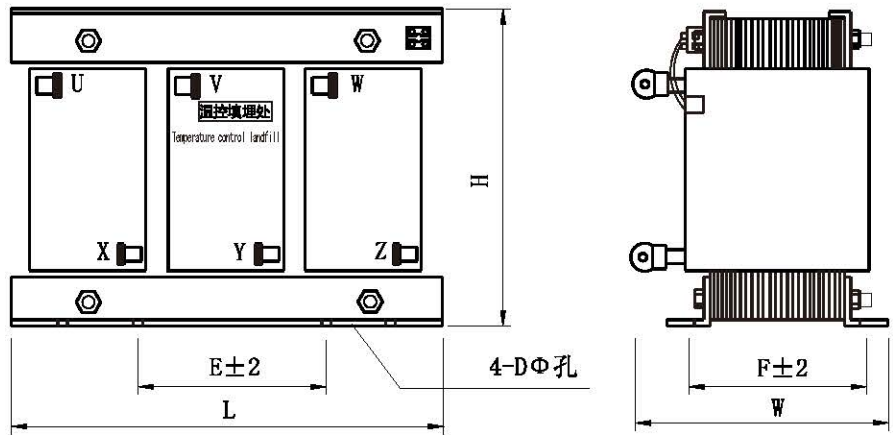
■ 三相 额定电压525V/50Hz （电网电压 400V）Three phase Rated voltage 525V/50Hz (grid voltage 400V)												
产品型号 Product model	额定电压 Rated voltage	调谐系数 Tuning coefficient	电容器容量 Capacitor capacity (kvar)	电感 Inductance (mH)	外型尺寸 (mm) Outline dimension			安装尺寸 (mm) Installation dimension		安装孔 Installation hole	参考图 Reference figure	概重 Rough weight (kg)
					L	W	H	E	F			
SH-SR52510T-14	525V	14%	10	12.283	180	110	170	90	88	7Φ-12L	图一 Fig1	11.5
SH-SR52515T-14			15	8.189	226	130	210	120	100	10Φ-20L	图一 Fig1	15.3
SH-SR52520T-14			20	6.141	226	185	180	120	110	10Φ-20L	图三 Fig3	18.7
SH-SR52525T-14			25	4.913	260	200	200	135	115	10Φ-20L	图四 Fig4	27.1
SH-SR52530T-14			30	4.094	260	200	200	135	115	10Φ-20L	图四 Fig4	27.1
SH-SR52535T-14			35	3.509	260	215	215	135	130	10Φ-20L	图三 Fig3	31.4
SH-SR52540T-14			40	3.071	300	210	260	140	130	10Φ-20L	图四 Fig4	36.8
SH-SR52545T-14			45	2.730	300	210	260	140	130	10Φ-20L	图四 Fig4	40.5
SH-SR52550T-14			50	2.457	300	210	260	140	130	10Φ-20L	图四 Fig4	40.5
SH-SR52560T-14			60	2.047	300	230	260	140	150	10Φ-20L	图四 Fig4	48.1
SH-SR52570T-14			70	1.755	300	240	260	140	160	10Φ-20L	图四 Fig4	52.5
SH-SR52575T-14			75	1.638	333	225	290	140	144	10Φ-20L	图四 Fig4	58.1
SH-SR52580T-14			80	1.535	333	225	290	140	144	10Φ-20L	图四 Fig4	58.1
SH-SR52590T-14			90	1.365	358	270	365	160	160	12Φ-24L	图六 Fig6	67.1
SH-SR525100T-14			100	1.228	358	280	365	160	170	12Φ-24L	图五 Fig5	73.9

★调谐系数6%与7%、13%与14%外型尺寸相同(其他要求可订制)
★The dimensions for the tuning coefficient of 6%, 7%, 13% and 14% are the same (other requirements can be customized)

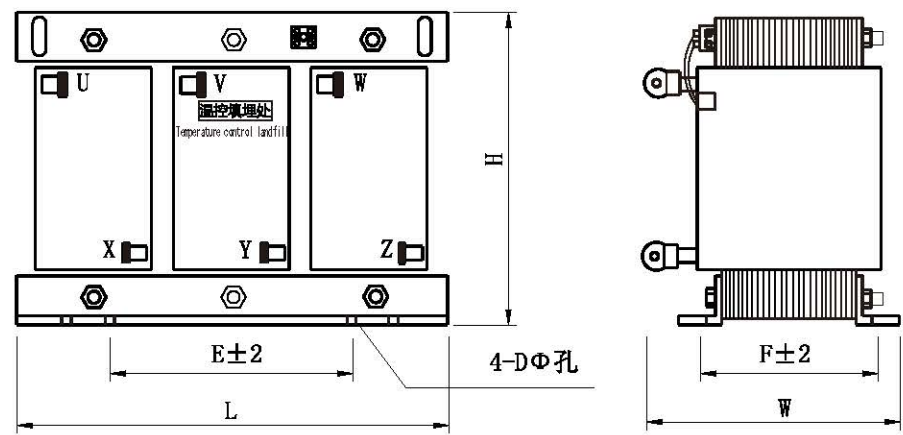
三相电抗外形尺寸
Dimension of three-phase reactor



图一
Fig1

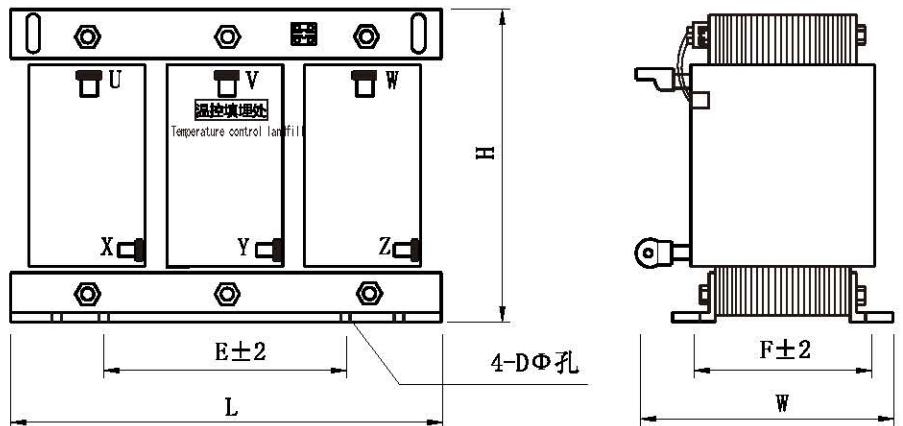


图二
Fig2

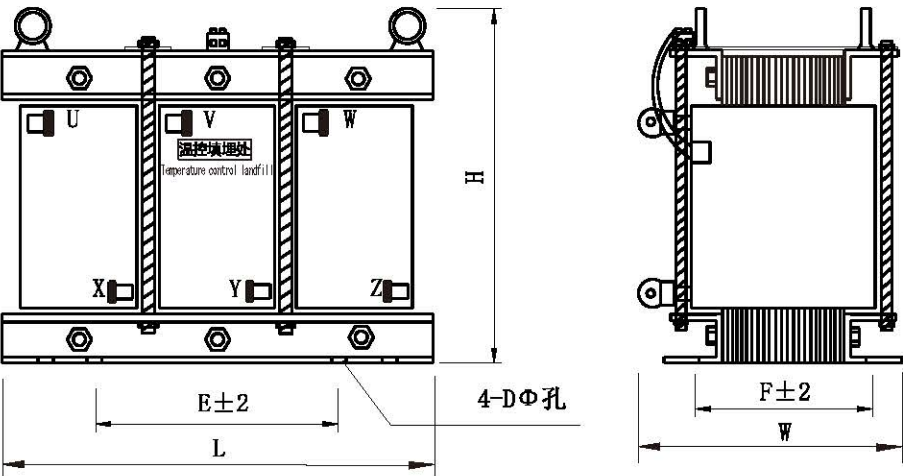


图三
Fig3

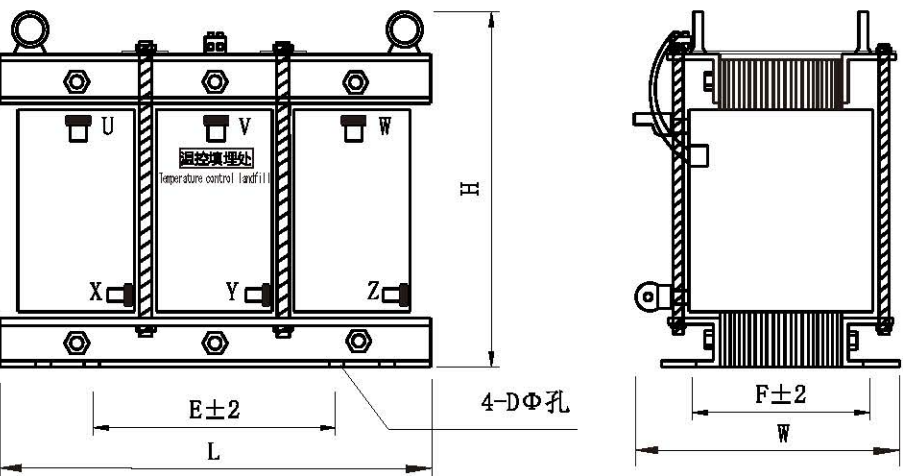
三相电抗外形尺寸
Dimension of three-phase reactor



图四
Fig4



图五
Fig5



图六
Fig6

产品列表（II 型号）Product list (type II)

■ 三相 额定电压440V/50Hz（电网电压 400V）Three phase Rated voltage 440V/50Hz (grid voltage 400V)												
产品型号 Product model	额定电压 Rated voltage	调谐系数 Tuning coefficient	电容器容量 Capacitor capacity (kvar)	电感 inductance (mH)	外型尺寸 (mm) Outline dimension			安装尺寸 (mm) Installation dimension		安装孔 Installation hole	参考图 Reference figure	概重 Rough weight (kg)
					L	W	H	E	F			
SH-SR44010T-7A	440V	7%	10	4.314	180	100	170	90	78	7Φ-12L	图一 Fig1	7.1
SH-SR44015T-7A			15	2.876	208	125	190	100	95	10Φ-20L	图一 Fig1	11.0
SH-SR44020T-7A			20	2.157	208	165	170	100	95	10Φ-20L	图四 Fig4	11.6
SH-SR44025T-7A			25	1.725	226	175	180	120	100	10Φ-20L	图四 Fig4	15.0
SH-SR44030T-7A			30	1.438	226	175	180	120	100	10Φ-20L	图四 Fig4	15.0
SH-SR44035T-7A			35	1.232	260	200	200	135	115	10Φ-20L	图四 Fig4	23.7
SH-SR44040T-7A			40	1.078	260	200	200	135	115	10Φ-20L	图四 Fig4	23.7
SH-SR44045T-7A			45	0.959	260	215	215	135	130	10Φ-20L	图四 Fig4	27.9
SH-SR44050T-7A			50	0.863	260	215	215	135	130	10Φ-20L	图四 Fig4	27.9
SH-SR44060T-7A			60	0.719	260	215	215	135	130	10Φ-20L	图四 Fig4	29.1
SH-SR44070T-7A			70	0.616	300	210	260	140	130	10Φ-20L	图三 Fig3	34.1
SH-SR44075T-7A			75	0.575	300	210	260	140	130	10Φ-20L	图四 Fig4	35.2
SH-SR44080T-7A			80	0.539	300	210	260	140	130	10Φ-20L	图四 Fig4	35.2

■ 三相 额定电压480V/50Hz（电网电压 400V）Three phase Rated voltage 480V/50Hz (grid voltage 400V)												
产品型号 Product model	额定电压 Rated voltage	调谐系数 Tuning coefficient	电容器容量 Capacitor capacity (kvar)	电感 inductance (mH)	外型尺寸 (mm) Outline dimension			安装尺寸 (mm) Installation dimension		安装孔 Installation hole	参考图 Reference figure	概重 Rough weight (kg)
					L	W	H	E	F			
SH-SR48010T-7A	480V 7%		10	5.134	180	100	170	90	78	7Φ-12L	图一 Fig1	7.1
SH-SR48015T-7A			15	3.422	208	125	190	100	95	10Φ-20L	图一 Fig1	11.0
SH-SR48020T-7A			20	2.567	208	165	170	100	95	10Φ-20L	图四 Fig4	11.3
SH-SR48025T-7A			25	2.053	226	175	180	120	100	10Φ-20L	图四 Fig4	15.0
SH-SR48030T-7A			30	1.711	226	175	180	120	100	10Φ-20L	图四 Fig4	15.0
SH-SR48035T-7A			35	1.467	226	195	180	120	120	10Φ-20L	图四 Fig4	18.5
SH-SR48040T-7A			40	1.283	226	195	180	120	120	10Φ-20L	图四 Fig4	18.5
SH-SR48045T-7A			45	1.141	260	200	200	135	115	10Φ-20L	图四 Fig4	23.9
SH-SR48050T-7A			50	1.027	260	200	200	135	115	10Φ-20L	图四 Fig4	23.9
SH-SR48060T-7A			60	0.856	260	215	215	135	130	10Φ-20L	图四 Fig4	29.0
SH-SR48070T-7A			70	0.733	300	210	260	140	130	10Φ-20L	图三 Fig3	33.9
SH-SR48075T-7A			75	0.684	300	210	260	140	130	10Φ-20L	图三 Fig3	34.1
SH-SR48080T-7A			80	0.642	300	210	260	140	130	10Φ-20L	图三 Fig3	34.1
SH-SR48090T-7A			90	0.570	300	210	260	140	130	10Φ-20L	图三 Fig3	34.1
SH-SR480100T-7A			100	0.513	300	220	260	140	140	10Φ-20L	图四 Fig4	39.0

★调谐系数6%与7%、13%与14%外型尺寸相同(其他要求可订制)
★The dimensions for the tuning coefficient of 6%, 7%, 13% and 14% are the same (other requirements can be customized)

产品列表（II 型号）Product list (type II)

■ 三相 额定电压525V/50Hz（电网电压 400V）Three phase Rated voltage 525V/50Hz (grid voltage 400V)												
产品型号 Product model	额定电压 Rated voltage	调谐系数 Tuning coefficient	电容器容量 Capacitor capacity (kvar)	电感 Inductance (mH)	外型尺寸 (mm) Outline dimension			安装尺寸 (mm) Installation dimension		安装孔 Installation hole	参考图 Reference figure	概重 Rough weight (kg)
					L	W	H	E	F			
SH-SR52510T-14A	525V 14%		10	12.283	208	125	190	100	95	10Φ-20L	图一 Fig1	11.1
SH-SR52515T-14A			15	8.189	226	130	210	120	100	10Φ-20L	图一 Fig1	14.8
SH-SR52520T-14A			20	6.141	260	200	200	135	115	10Φ-20L	图三 Fig3	23.1
SH-SR52525T-14A			25	4.913	260	200	200	135	115	10Φ-20L	图四 Fig4	23.6
SH-SR52530T-14A			30	4.094	260	215	215	135	130	10Φ-20L	图三 Fig3	28.5
SH-SR52535T-14A			35	3.509	300	210	260	140	130	10Φ-20L	图四 Fig4	34.1
SH-SR52540T-14A			40	3.071	300	210	260	140	130	10Φ-20L	图四 Fig4	34.1
SH-SR52545T-14A			45	2.730	300	210	260	140	130	10Φ-20L	图四 Fig4	34.8
SH-SR52550T-14A			50	2.457	300	220	260	140	140	10Φ-20L	图四 Fig4	38.7
SH-SR52560T-14A			60	2.047	300	240	260	140	160	10Φ-20L	图四 Fig4	45.9
SH-SR52570T-14A			70	1.755	333	225	290	140	144	10Φ-20L	图四 Fig4	51.8
SH-SR52575T-14A			75	1.638	358	260	365	160	150	10Φ-20L	图六 Fig6	57.1
SH-SR52580T-14A			80	1.535	358	260	365	160	150	10Φ-20L	图六 Fig6	57.1
SH-SR52590T-14A			90	1.365	358	270	365	160	160	12Φ-24L	图六 Fig6	62.8
SH-SR525100T-14A			100	1.228	358	280	365	160	170	12Φ-24L	图六 Fig6	66.6

★调谐系数6%与7%、13%与14%外型尺寸相同(其他要求可订制)
★The dimensions for the tuning coefficient of 6%, 7%, 13% and 14% are the same (other requirements can be customized)

SH-SR系列分相平衡电抗器

SH-SR series split phase balance reactor

产品概述

SH-SR系列分相平衡电抗器是串联在电容器前端，单台分相平衡电抗器代替传统三台单相电抗器，节省40%安装空间；而且分相平衡电抗器在1相、2相、3相分别不同投切时，确保每相电感平衡保持一致，提升电气装置的可靠性，延长使用寿命。当电容器前端加装分相平衡电抗器，保护电容器稳定运行，容量可达到60kvar(Y)。该系列分相平衡电抗器与电容器精心匹配，适用于多种无功补偿方式，易于安装。

产品特点

SH-SR系列分相平衡电抗器具备以下特性：

- ①单相额定工作电压:230V50Hz(特殊电压及频率可定制)
 - ②容量: ≤ 60kvar (Y)
 - ③平衡三相电感能力: ± 2%
 - ④电感偏差: 0~+10%
 - ⑤绝缘耐压: 4kV/min
 - ⑥海拔高度: ≤1000米 (高海拔需非标特制)
 - ⑦冷却: AN
 - ⑧长期过载能力: 1.35In
 - ⑨绝缘等级: H级
 - ⑩噪音: ≤48dB (A)
- 使用环境温度: -20℃~+40℃
安装间距: 水平方向≥5cm; 垂直方向≥12cm

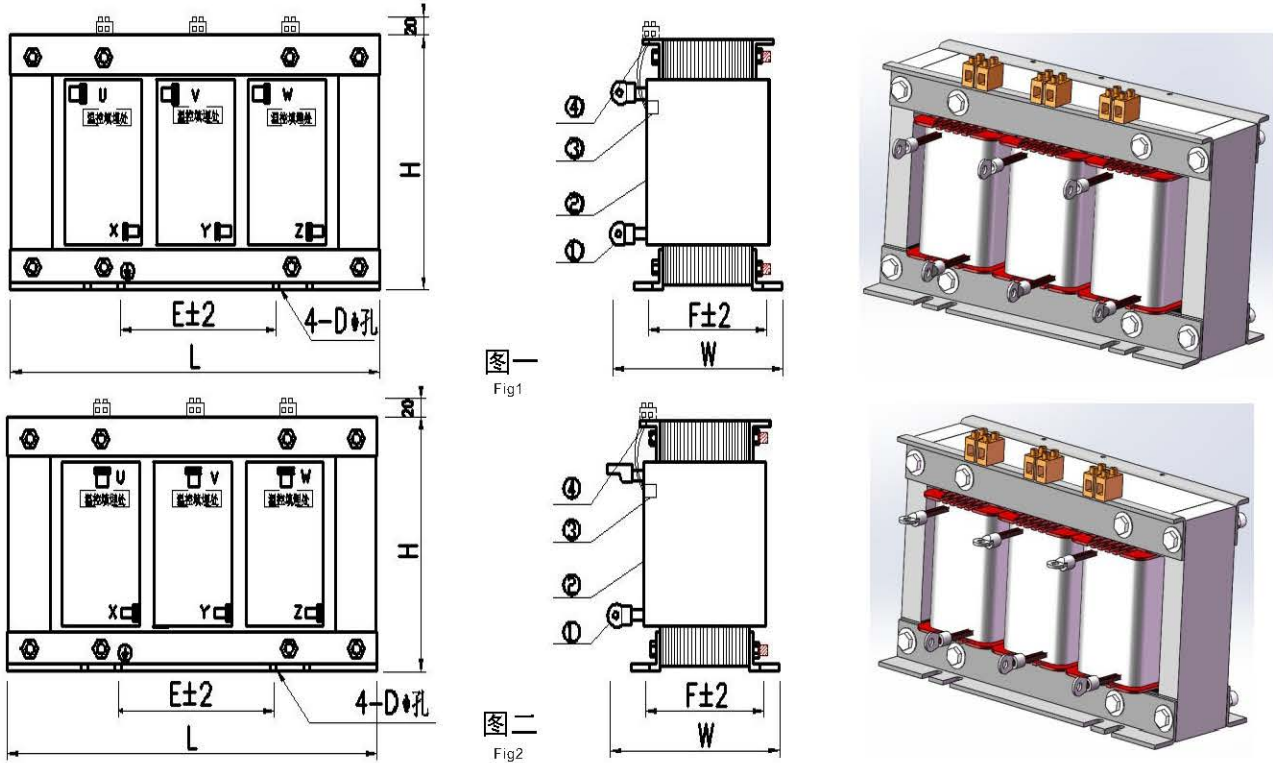
Product Overview

SH-SR series split-phase balanced reactor is connected in series at the front of the capacitor, a single split-phase balanced reactor to replace the traditional three single-phase reactor, saving 40% of the installation space; And the split-phase balance reactor in 1-phase, 2-phase, 3-phase respectively different switching, to ensure that the balance of each phase inductance to keep consistent, improve the reliability of electrical equipment, extend service life. When the capacitor front-end with a phase-divided balance reactor, to protect the stable operation of the capacitor, the capacity can reach 60 Kvar (Y). This series of split-phase balance reactor and capacitor carefully matched, suitable for a variety of reactive power compensation methods, easy to install.

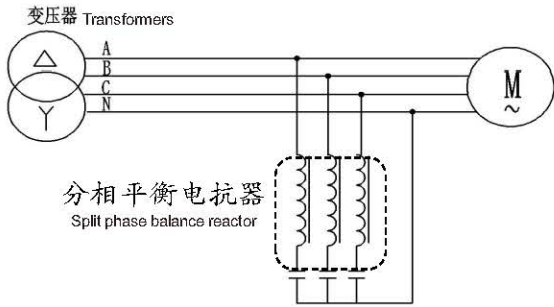
Product characteristics

- SH-SR series split-phase balance reactor has the following characteristics:
- ① single-phase rated working voltage: 230V50Hz (special voltage and frequency can be customized)
 - ② capacity: ≤60kvar (y)
 - ③ three-phase balance inductance capacity: ± 2%
 - ④ inductance deviation: 0 ~ + 10%
 - ⑤ insulation withstand voltage: 4kV/min
 - ⑥ altitude: ≤1000m (high altitude need non-standard special)
 - ⑦ cooling: AN
 - ⑧ long-term overload capacity: 1.35 in
 - ⑨ insulation class: H class
 - ⑩ noise: ≤48DB (a)
- operating environment temperature: -20 ° C ~ + 40 ° C
installation interval: horizontal direction ≥5cm; The vertical direction is ≥12 cm

外形尺寸 External dimensions



产品运行原理图 Product Operation Schematic diagram



产品型号定义 Product model definition

SH - SR 280 30WY - 7/7A

- 调谐数7%
- Tuning number 7%
- 五柱分相平衡
- five-column split-phase balance collocation
- 搭配电容三相总容量/kvar
- capacitor three-phase total capacity/KVAR
- 单相额定电压/V
- single-phase rated voltage/V
- 串联电抗器
- series reactor
- SH: 企业代号
- SH: Enterprise Code

产品列表 (I 型号) Product list (type I)

■ 单相三合一 单相额定电压250V/50Hz(电网电压230V)
Single phase three in one Single-phase rated voltage 250V/50Hz (grid voltage 230V)

产品型号 Product model	单相额定电压 Single-phase rated voltage (V)	电容器 容量 Capacitor capacity (kvar)	电感 inductance (mH)	外型尺寸 (mm) Outline dimension			安装尺寸 (mm) Installation dimension		安装孔 Installation hole	参考图 Reference figure	概重 Rough weight (kg)
				L	W	H	E	F			
SH-SR25010WY-7	250	10Y	4.521	297	175	185	120	100	10Φ-20L	图二 Fig2	22.0
SH-SR25015WY-7		15Y	3.014	297	175	185	120	100	10Φ-20L	图二 Fig2	22.0
SH-SR25020WY-7		20Y	2.261	297	175	185	120	100	10Φ-20L	图二 Fig2	22.0
SH-SR25025WY-7		25Y	1.808	297	175	185	120	100	10Φ-20L	图一 Fig1	23.0
SH-SR25030WY-7		30Y	1.507	297	175	185	120	100	10Φ-20L	图一 Fig1	23.0
SH-SR25040WY-7		40Y	1.130	297	185	185	120	110	10Φ-20L	图二 Fig2	27.2
SH-SR25045WY-7		45Y	1.005	346	200	205	135	115	10Φ-20L	图二 Fig2	36.4
SH-SR25050WY-7		50Y	0.904	346	200	205	135	115	10Φ-20L	图二 Fig2	36.4
SH-SR25060WY-7		60Y	0.754	346	200	205	135	115	10Φ-20L	图二 Fig2	37.8

■ 单相三合一 单相额定电压280V/50Hz (电网电压230V)
Single phase three in one Single-phase rated voltage 280V/50Hz (grid voltage 230V)

产品型号 Product model	单相额定电压 Single-phase rated voltage (V)	电容器 容量 Capacitor capacity (kvar)	电感 Inductance (mH)	外型尺寸 (mm) Outline dimension			安装尺寸 (mm) Installation dimension		安装孔 Installation hole	参考图 Reference figure	概重 Rough weight (kg)
				L	W	H	E	F			
SH-SR28010WY-7	280	10Y	5.243	297	175	185	120	100	10Φ-20L	图二 Fig2	22.0
SH-SR28015WY-7		15Y	3.496	297	175	185	120	100	10Φ-20L	图二 Fig2	22.0
SH-SR28020WY-7		20Y	2.622	297	175	185	120	100	10Φ-20L	图二 Fig2	22.0
SH-SR28025WY-7		25Y	2.097	297	175	185	120	100	10Φ-20L	图二 Fig2	22.0
SH-SR28030WY-7		30Y	1.748	297	175	185	120	100	10Φ-20L	图二 Fig2	22.0
SH-SR28040WY-7		40Y	1.311	297	185	185	120	110	10Φ-20L	图二 Fig2	27.0
SH-SR28045WY-7		45Y	1.165	346	200	205	135	115	10Φ-20L	图一 Fig1	35.7
SH-SR28050WY-7		50Y	1.049	346	200	205	135	115	10Φ-20L	图二 Fig2	36.4
SH-SR28060WY-7		60Y	0.874	346	200	205	135	115	10Φ-20L	图二 Fig2	37.8

产品列表 (II 型号) Product list (type II)

■ 单相三合一 单相额定电压250V/50Hz (电网电压230V)
Single phase three in one Single-phase rated voltage 250V/50Hz (grid voltage 230V)

产品型号 Product model	单相额定电压 Single-phase rated voltage (V)	电容器 容量 Capacitor capacity (kvar)	电感 Inductance (mH)	外型尺寸 (mm) Outline dimension			安装尺寸 (mm) Installation dimension		安装孔 Installation hole	参考图 Reference figure	概重 Rough weight (kg)
				L	W	H	E	F			
SH-SR25010WY-7A	250	10Y	4.521	297	175	185	120	100	10Φ-20L	图二 Fig2	21.7
SH-SR25015WY-7A		15Y	3.014	297	175	185	120	100	10Φ-20L	图二 Fig2	21.7
SH-SR25020WY-7A		20Y	2.261	297	175	185	120	100	10Φ-20L	图二 Fig2	21.7
SH-SR25025WY-7A		25Y	1.808	297	175	185	120	100	10Φ-20L	图二 Fig2	21.7
SH-SR25030WY-7A		30Y	1.507	297	175	185	120	100	10Φ-20L	图二 Fig2	21.7
SH-SR25040WY-7A		40Y	1.130	346	200	205	135	115	10Φ-20L	图二 Fig2	33.5
SH-SR25045WY-7A		45Y	1.005	346	215	220	135	130	10Φ-20L	图二 Fig2	41.7
SH-SR25050WY-7A		50Y	0.904	346	215	220	135	130	10Φ-20L	图二 Fig2	41.7
SH-SR25060WY-7A		60Y	0.754	346	215	220	135	130	10Φ-20L	图二 Fig2	41.7

■ 单相三合一 单相额定电压280V/50Hz (电网电压230V)
Single phase three in one Single-phase rated voltage 280V/50Hz (grid voltage 230V)

产品型号 Product model	单相额定电压 Single-phase rated voltage (V)	电容器 容量 Capacitor capacity (kvar)	电感 Inductance (mH)	外型尺寸 (mm) Outline dimension			安装尺寸 (mm) Installation dimension		安装孔 Installation hole	参考图 Reference figure	概重 Rough weight (kg)
				L	W	H	E	F			
SH-SR28010WY-7A	280	10Y	5.243	297	175	185	120	100	10Φ-20L	图二 Fig2	21.7
SH-SR28015WY-7A		15Y	3.496	297	175	185	120	100	10Φ-20L	图二 Fig2	21.7
SH-SR28020WY-7A		20Y	2.622	297	175	185	120	100	10Φ-20L	图二 Fig2	21.7
SH-SR28025WY-7A		25Y	2.097	297	175	185	120	100	10Φ-20L	图二 Fig2	21.7
SH-SR28030WY-7A		30Y	1.748	297	175	185	120	100	10Φ-20L	图二 Fig2	21.7
SH-SR28040WY-7A		40Y	1.311	297	195	185	120	120	10Φ-20L	图二 Fig2	27.0
SH-SR28045WY-7A		45Y	1.165	346	200	205	135	115	10Φ-20L	图二 Fig2	33.6
SH-SR28050WY-7A		50Y	1.049	346	200	205	135	115	10Φ-20L	图二 Fig2	33.6
SH-SR28060WY-7A		60Y	0.874	346	215	220	135	130	10Φ-20L	图二 Fig2	41.7

★单相额定电压250V与260V外形尺寸相同，调谐数6%与7%外形尺寸相同
特殊电压及调谐数根据需求可定制
★Single-phase rated voltage 250V and 260V the same size profile, The dimensions for the tuning coefficient of 6%, 7% are the same
Special voltage and tuning data can be customized according to demand



低压电容器产品配套件

Low-Voltage Capacitor Kit

(四) 低压电容器产品配套件

(4) Low-Voltage Capacitor Kit

1、共补无功补偿控制器

1. Complementary reactive compensation controller

产品命名

Product naming

SH

JK

W

-

□

□

输出方式：D：直流电平输出；J：继电器输出

Output method: D: direct current outputJ: relay output

输出路数

Output channel number

W：三相共补型

W: three-phase complementary

JK：无功补偿控制器

JK: reactive complementary

SH：企业代码

SH: Enterprise code



产品型号
 Producttype

类型 Type	继电器输出J型 Relay output J type	直流电平输出D型 Direct current output D type
标准型 Standard type	SH-JKW-12J	SH-JKW-12D
	SH-JKW-16J	SH-JKW-16D
	SH-JKW-24J	SH-JKW-24D
注：控制器带485通讯和谐波功能 Note: Controller with 485 communication and harmonic function		

技术参数
 Technical specifications

参数 Parameters	规格 Specifications	测量精度 Measure precision
工作电压 Operating voltage	AC220V±20%	电压：0.5级 Voltage: level 0.5
取样电压 Sampling voltage	AC(100~750V)±20%	电压：0.5级 Voltage: level 0.5
取样电流 Sampling current	AC 0~5A 或 (or) 0~1A	COSφ：0.5级 COS: level 0.5
额定频率 Rated frequency	50Hz±5Hz 或 (or) 60Hz±5%	有功：1.0级 Active: level 1.0
灵敏度 Sensitivity	≥20mA	无功：1.0 Reactive: level 1.0
功率 Power	≤12VA	频率：0.1Hz Frequency: 0.1Hz
外形尺寸 Overall dimension	148*148*75mm	
安装尺寸 Installation dimension	138×138mm	
环境温度 Ambient environment	-25℃至+70℃	
海拔高度 Altitude	≤2000m	
大气条件 Atmospheric condition	温度不超过90%	Temperature not larger than 90%
环境条件 Environmental condition	介质导电尘埃 Medium is conductive dust	

2、分相（混合）补偿控制器

2. Spilt-phase (hybrid) compensation controller

产品命名

Product naming

SH

JK

F

-

□

□

输出方式：D：直流电平输出；J：继电器输出

Output method: D: direct current outputJ: relay output

输出路数：15, 16

Output channel number: 15, 16

F：分补+混补型

F: separate complementary + hybrid complementary

JK：无功补偿控制器

JK: reactive complementary

SH：企业代码

SH: Enterprise code



产品型号
 Producttype

类型 Type	继电器输出J型 Relay output J type	直流电平输出D型 Direct current output D type
标准型 Standard type	SH-JKF-12J	SH-JKF-12D
	SH-JKF-16J	SH-JKF-16D
	SH-JKF-24J	SH-JKF-24D
注：控制器带485通讯和谐波功能 Note: Controller with 485 communication and harmonic function		

技术参数

Technical specifications

参数 Parameters	规格 Specifications	测量精度 Measure precision
工作电压 Operating voltage	AC220V±20%	电压：0.5级 Voltage: level 0.5
取样电压 Sampling voltage	AC(100~750V)±20%	电压：0.5级 Voltage: level 0.5
取样电流 Sampling current	AC 0~5A 或 (or) 0~1A	COSφ：0.5级 COS: level 0.5
额定频率 Rated frequency	50Hz±5Hz 或 (or) 60Hz±5%	有功：1.0级 Active: level 1.0
灵敏度 Sensitivity	≥20mA	无功：1.0 Reactive: level 1.0
功率 Power	≤12VA	频率：0.1Hz Frequency: 0.1Hz
外形尺寸 Overall dimension	148*148*75mm	
安装尺寸 Installation dimension	138×138mm	
环境温度 Ambient environment	-25℃至+70℃	
海拔高度 Altitude	≤2000m	
大气条件 Atmospheric condition	温度不超过90%	Temperature not larger than 90%
环境条件 Environmental condition	介质导电尘埃 Medium is conductive dust	

3、共补彩屏触摸控制器

3. Touch controller of co-compensation color screen

产品命名
Product naming

SH-JK W-□□□- 7

- 7:设计序号
7: Design No.
- 输出方式: J继电器 ;D直流电平
Output mode: J indicates relay; and D indicates direct-current level
- 输出路数
Number of output routes
- W:三相共补型
W: three-phase co-compensation type
- JK:无功补偿控制器
JK: reactive power compensation controller
- SH:企业代码
SH: enterprise code



产品型号
Product type

继电器输出J型 J-type output of the relay	直流电平输出D型 D-type output of the direct-current level
SH-JKW-16J-7	SH-JKW-16D-7
SH-JKW-24J-7	SH-JKW-24D-7

注：控制器带485通讯和谐波功能
Note: Controller with 485 communication and harmonic function

技术参数

Technical specifications

参数 Parameters	规格 Specifications	测量精度 Measure precision
工作电压 Operating voltage	AC 220V±20%	电压：0.5级 Voltage: Level 0.5
取样电压 Sampling voltage	AC（100V~750V）±20%	电压：0.5级 Voltage: Level 0.5
取样电流 Sampling current	AC 0~5A或(or)0~1A	电流：0.5级 Current: Level 0.5
额定频率 Rated frequency	50Hz ±5%或(or)60Hz ±5%	频率：0.5级 Frequency: Level 0.5
灵敏度 Sensitivity	≤0.05A	
功率 Power	≤15VA	功率因数：0.5级 Power factor: Level 0.5
外形尺寸 Overall dimension	148*148*75mm	有功功率：1.0级 Active power: Level 1.0
安装尺寸 Installation dimension	138*138mm	无功功率：2.0级 Reactive power: Level 2.0
环境温度 Ambient environment	-25℃~+45℃	温度：0.5度 Temperature: 0.5℃
海拔高度 Altitude	≤2000M	
大气条件 Atmospheric condition	空气湿度不超过90% The air humidity shall be 90% and below.	
环境条件 Environmental condition	介质无导电尘埃 The medium has no conductive dust.	

4、分相（混补）彩屏触摸控制器

4. Touch controller of split-phase (mixed compensation) color screen

产品命名
Product naming

SH-JK F-□□□- 7

- 7:设计序号
7: Design No.
- 输出方式: J继电器 ;D直流电平
Output mode: J indicates relay; and D indicates direct-current level
- 输出路数
Number of output routes
- F:分补+混补型
F: sub-compensation + mixed compensation type
- JK:无功补偿控制器
JK: reactive compensation controller
- SH:企业代码
SH: enterprise code



产品型号
Product type

继电器输出J型 J-type output of the relay	直流电平输出D型 D-type output of the direct-current level
SH-JKF-16J-7	SH-JKF-16D-7
SH-JKF-24J-7	SH-JKF-24D-7

注：控制器带485通讯和谐波功能
Note: Controller with 485 communication and harmonic function

技术参数

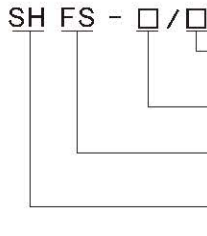
Technical specifications

参数 Parameter	规格 Specifications	测量精度 Measure precision
工作电压 Operating voltage	AC 220V±20%	电压：0.5级 Voltage: Level 0.5
取样电压 Sampling voltage	AC（100V~450V）±20%	电压：0.5级 Voltage: Level 0.5
取样电流 Sampling current	AC 0~5A或(or)0~1A	电流：0.5级 Current: Level 0.5
额定频率 Rated frequency	50Hz ±5%或(or)60Hz ±5%	频率：0.5级 Frequency: Level 0.5
灵敏度 Sensitivity	≤0.05A	
功率 Power	≤15VA	功率因数：0.5级 Power factor: Level 0.5
外形尺寸 Overall dimensions	148*148*75mm	有功功率：1.0级 Active power: Level 1.0
安装尺寸 Mounting dimensions	138*138mm	无功功率：2.0级 Reactive power: Level 2.0
环境温度 Ambient temperature	-25℃~+45℃	温度：0.5度 Temperature: 0.5℃
海拔高度 Altitude	≤2000M	
大气条件 Atmospheric condition	空气湿度不超过90% The air humidity shall be 90% and below.	
环境条件 Environmental condition	介质无导电尘埃 The medium has no conductive dust.	

(五) 低压晶闸管投切模块

(5) Low-voltage thyristor switching module

产品命名
Product naming



- 安装简单
Easy installation
- 维护方便
Easy maintenance
- 投切无涌流
No surge for switching
- 稳定可靠
Stable and reliable
- 响应速度快
Fast response
- 工作无噪声
No noise in working

产品型号
Product type

类型	Type	型号 Model	容量 Capacity	额定电流 Rated current
三相共补型	Three-phase complementary	SHFS-30/△	≤30kvar	50A
		SHFS-40/△	≤40kvar	67A
		SHFS-60/△	≤60kvar	100A
		SHFS-30/Y	≤3*10kvar	50A
分补型	Split complementary	SHFS-40/Y	≤3*13.3kvar	67A
		SHFS-60/Y	≤3*20kvar	100A

技术参数

Technical specifications

参数	Parameters	规格	Specifications	参数	Parameters	规格	Specifications
额定电压	Rated voltage	250/440V		期望寿命	Expected life	10万小时以上	More than 100,000 hours
额定频率	Rated frequency	50Hz		防护等级		IP20	
环境温度	Ambient environment	-25℃~+55℃		过温保护	Over-temperature protection	80℃	
控制电压	Control voltage	DC12V		温升		20℃	
控制电流	Control current	20mA		功率消耗	Power consumption	1W以下	Less than 1w
投入涌流	Devoted surge	<1.8In		绝缘电阻		≥20MΩ	
海拔高度	Altitude	≤2000m		绝缘耐压	Insolation voltage resistance	≥2500VAC	
反向耐压	Reverse voltage resistance	1800V		相对湿度		<85%	
响应时间	Response time	t<20ms		噪音	noise	<45DB	

依据标准: GB/T 14048. 1-2006; GB/T17626
Reference standards: GB/T 14048. 1-2006; GB/T17626

低压晶闸管投切模块
Low-voltage thyristor switching module

产品特点

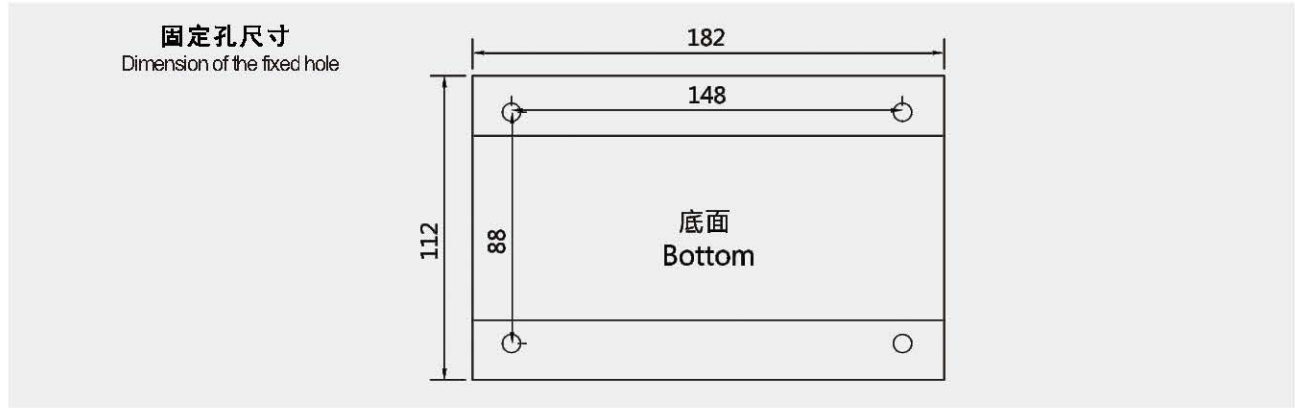
- 结构设计合理，接线简单，安装高度方便，可三相和分相补偿；
- 可接于电容器角外实现三相两控，也可接于电容器角内实现三相三控
- 采用了有效的保护电路，提高了投切开关的抗谐波能力
- 采用了温控技术，可靠保证可控硅在规定温度范围内工作，当有组件出现故障时或某种原因造成投切开关温度超标时，投切开关会自动退出，有效保护投切开关不损坏
- 充分采用集成电路，尽量减少分立组件，使得投切开关体积尽可能合理并减小，可使整个柜体成本降低
- 抗干扰电路设计，提高了投切开关的抗干扰能力，有效防止误触发引起可控硅击穿故障

Product features:

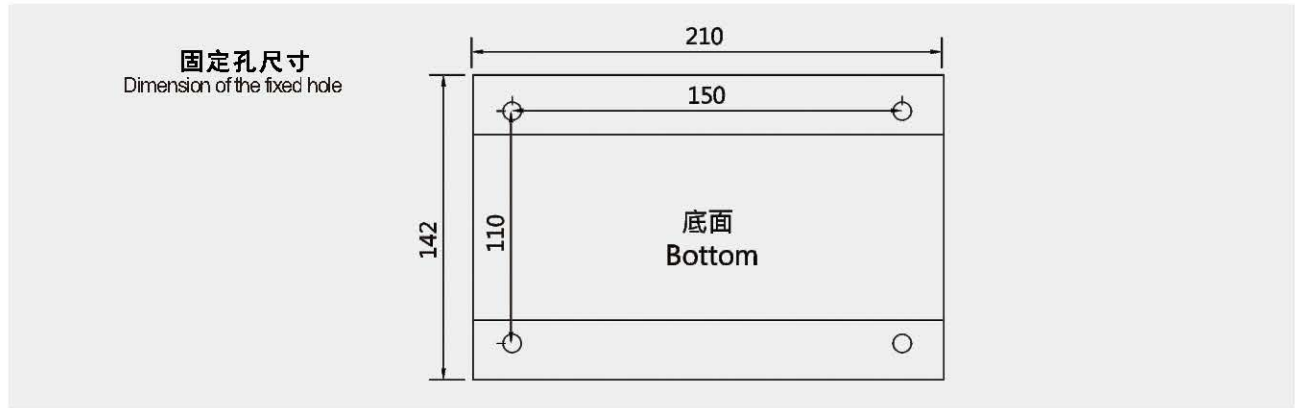
- ★ Reasonable design, simple wiring, easy installation, three-phase and phase compensation both available;
- ★ Can be connected to the capacitor outside the realization of three-phase two control, can also be achieved within the exterior capacitor to achieve three-phase three control
- ★ The use of an effective protection circuit improves the anti-harmonic ability of the switch
- ★ Using a temperature control technology, reliable to ensure that the SCR works in the specified temperature, when a component fails or some reason causing the switch temperature exceeds the standard, the switch will automatically exit, effectively protecting the switch from damage
- ★ Full use of integrated circuits, to minimize the discrete components, making the switching switch volume as reasonable and small as possible, which can reduce the cost of the entire cabinet
- ★ Anti-interference circuit design, improve the anti-interference ability of the switch, effectively prevent false triggering which causes by SCR breakdown

安装尺寸 (单位: mm)
 Installation dimension (unit: mm)

- 40Kvar以下适用外形尺寸：182 (L) *112 (W) *140 (H) 。固定孔尺寸：4-φ5
 Profile dimension for 40Kvar: 182 (L) * 112 (W) * 140 (H)。Dimension of the fixed hole: 4-φ5



- 40Kvar以上60Kvar以下适用外形尺寸：210 (L) *142 (W) *147 (H) 。固定孔尺寸：4-φ5
 Profile dimension for 40-60Kvar: 210 (L) * 142 (W) * 147 (H)。Dimension of the fixed hole: 4-φ5



使用注意事项

系统补偿后，谐波电流应小于20%，谐波电压小于5%，超出此范围必须补偿回路必须串接与谐波匹配的电抗器，避免谐波放大、过电压和过电流

Notes for use

After system compensation, the harmonic current should be less than 20%, the harmonic voltage should be less than 5%, if it is beyond this range then the loop must be compensated, and the reactor corresponding to the harmonic must be connected in series, to avoid harmonic amplification, overvoltage and overcurrent

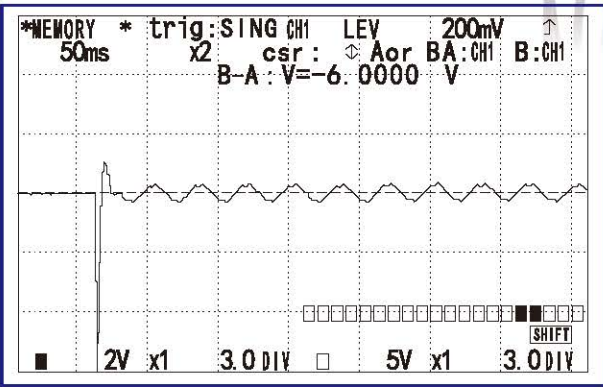


电容专用接触器

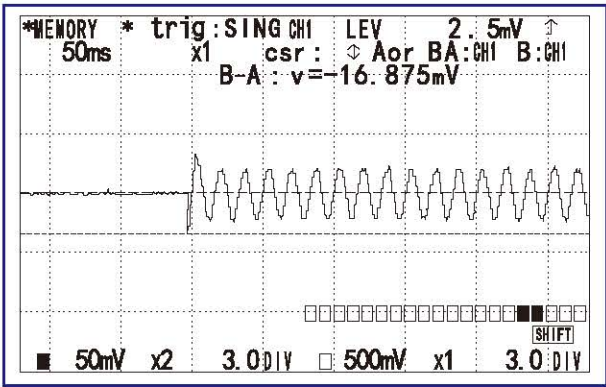
Capacitor dedicated contactor

(六) 电容专用接触器

(6) Capacitor dedicated contactor



使用一般交流接触器时之电流波形
Current waves when using common AC contactor



使用电容接触器时之电流波形
Current waveform when using capacitive contactor

抑制浪涌电流=6V/V16.876mV 约为355倍

Suppressed surge current = 6V / V16.876mV is about 355 times

型号 Model	电容器额定容量/电流 (kvar/A) Rated capacity/current of the capacitor(kvar/A)		
	220~240V	400~440V	660~690V
SC-P12	6.7/18	12.5/16	18/15
SC-P16	8.5/22	16.7/22	24/20
SC-P20	10/26	20/26	30/25
SC-P25	15/39	25/33	36/30
SC-P33	20/48	33.3/44	48/40
SC-P45	25/66	45/59	58/49
SC-P60	35/92	60/86	75/63

电子废弃物处理

根据《电子废物污染环境防治管理办法》第十五条有下列情形之一的，应当将电子废物提供或者委托给列入名录(包括临时名录)的具有相应经营范围的拆解利用处置单位(包括个体工商户)进行拆解、利用或者处置：

(一)产生工业电子废物的单位，未自行以环境无害化方式拆解、利用或者处置的；

(二)电子电器产品、电子电气设备生产者、销售者、进口者、使用者、翻新或者维修者、再制造者，废弃电子电器产品、电子电气设备的；

(三)拆解利用处置单位(包括个体工商户)，不能完全拆解、利用或者处置电子废物的；

(四)有关行政主管部门在行政管理活动中，依法收缴的非法生产或者进口的电子电器产品、电子电气设备需要拆解、利用或者处置的。

注：废弃电子电器需委托有资质的专业权威机构进行回收处理。

Disposal of Electronic Waste

According to Article 15 of the Measures for the Prevention and Control of Environmental Pollution by Electronic waste, in case of any of the following circumstances, the electronic waste shall be provided or entrusted to the dismantling, utilization and disposal units (including self - employed individuals) listed in the catalog (including the temporary catalog) with corresponding business scopes for dismantling, utilization or disposal:

- (1) Entities that generate industrial electronic waste but do not carry out dismantling, utilization, or disposal in an environmentally sound manner on their own.
- (2) Producers, sellers, importers, users, refurbishers or repairers, and remanufacturers of electronic and electrical products and equipment, when they discard such products and equipment.
- (3) Dismantling, utilization and disposal units (including self - employed individuals) that are unable to completely dismantle, utilize or dispose of electronic waste.
- (4) In the administrative management activities, the relevant administrative departments have legally seized illegal electronic and electrical products and equipment that are illegally produced or imported and that need to be disassembled, utilized, or disposed of.

Note: Disposed-of electronic appliances must be entrusted to qualified, professional and authoritative institutions for recycling and treatment.