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事润电力科技有限公司

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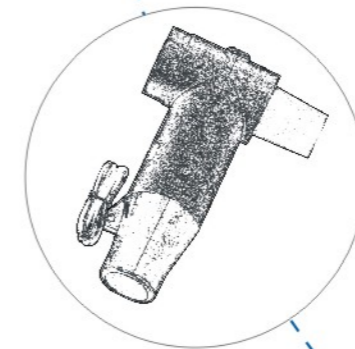
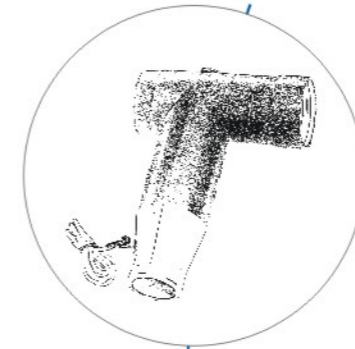
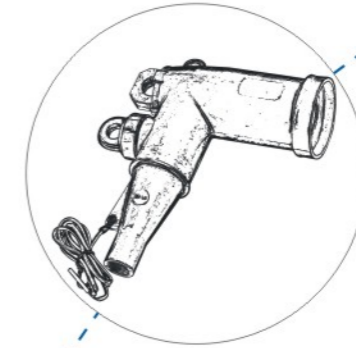
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Shirun
 事润电力科技



欧式电缆附件/美式电缆附件

PRODUCT SELECTION GUIDE

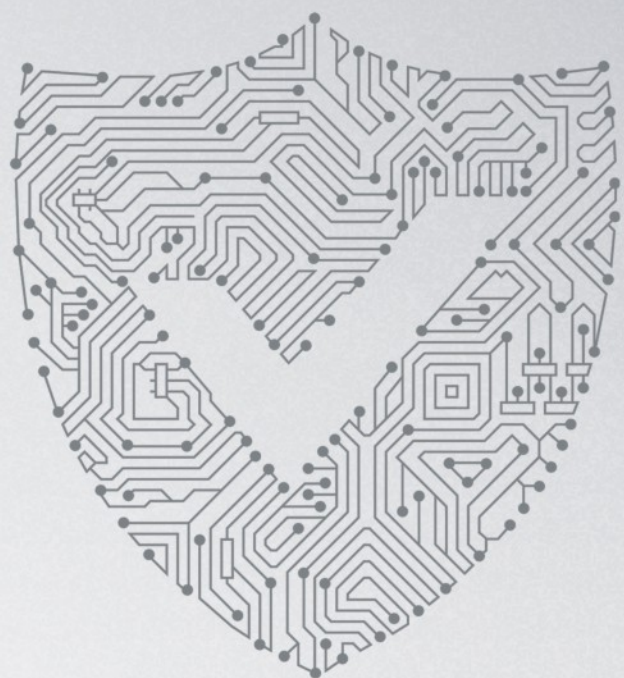
产品选型手册

事润电力科技有限公司

SHIRUN ELECTRICITY TECHNOLOGY CO.,LTD.

成为最专注最完善
最值得信赖的电力附件制造企业
Become the most dedicated most perfect
The most trusted manufacturer of power attachments

Shrun
事润电力科技



为电力输出, 建立强大防护盾

For Power Output, The Establishment of a Strong Shield

事預則立 潤物入心

专业研发、生产绿色环保产品
高可靠、免维护、长寿命产品
企业在电缆附件领域不断寻找突破。

Shrun



The Company Mainly Engaged in The Production of Products Are:

公司主要经营生产产品有：

1、主营产品系列：欧式电缆附件、美式电缆附件、电缆分支箱、箱式变电站、环网柜系列；

2、自主知识产权：新一代产品具有高可靠、免维护、长寿命、绿色环保、紧凑小型等特色；

公司坚持以市场为导向，以质量为生命。秉承“以品为本、科技创新”的宗旨，努力开拓、勇于奉献的精神，推动企业每一天的进步！我们将引领配电产品变革，做信息时代绿色的倡导者！

事润高度重视人才引进、培养和慰留，积极承担社会责任，大力壮大人才队伍，不断强化内部管理，扩展市场营销，依托客户的信任及与电力部门的配套合作，获得快速成长。事润将努力成为全国知名的电气设备制造商，以电力与效率回报社会，创造美好未来！

1, The main product line: European-style cable accessories, American cable accessories, cable branch box, box-type substation, ring network cabinet series;

2, Independent property rights: a new generation of products with high reliability, maintenance-free, long life, green, compact and small, and other characteristics;

Companies adhere to market-oriented, quality of life. Adhering to the "product-oriented, scientific and technological innovation," the purpose of hard work to open up, the spirit of dedication and promote enterprise every day progress! We will lead the transformation of power distribution products, green information advocates do!

The company pays great attention to the introduction, training and consolation of talent, actively shoulders social responsibility, strengthens the team of qualified personnel, continuously strengthens its internal management and expands its marketing. It relies on the trust of customers and the cooperation with the power sector to achieve rapid growth. Run things will strive to become the country's well-known electrical equipment manufacturers, electricity and efficiency of the community, to create a better future!

事润电力科技有限公司是一家专业从事欧式电缆附件、美式电缆附件、箱式变电站、美式箱变配件、35KV及以下高压可分离连接器、高压绝缘件、DFW电缆分接箱、SF6开关柜、共箱式充气柜等高新技术产品的开发，是一家集研发、生产、销售于一体的多元化企业。

公司拥有先进的进口和国产橡胶注射成型机、真空自动压力凝胶成型机、橡胶密炼机、高压检测设备、高分子材料检测设备等。公司拥有一支以行业专家为核心，以高学历、高素质研发人员为骨干的精英团队并配有高压检测实验室、高分子材料测实验室等。

公司一直坚持10-35KV电缆附件专业化的生产，所有产品符合欧标DIN47636和美标IEEE386的新型配电产品。35KV以下可分离连接器、冷缩电缆附件，先后按国际标准IEC60502-4和国内标准GB12706.4执行。

Shirun Electricity Technology Co.,Ltd.is a professional engaged in the European cable accessories, American cable accessories, box-type substation, American box change accessories, 35KV and below high voltage separable connectors, high voltage insulation, DFW cable distribution boxes, SF6 switchgear, Box-type inflatable counter and other high-tech product development, is a collection research and development, production and sales in one diversified businesses.

The company has advanced imported and domestic rubber injection molding machine, automatic vacuum pressure gel forming machine, rubber mixer machine, high pressure testing equipment, polymer materials testing equipment, etc. The company has a industry experts as the core, with highly educated, high-quality research and development personnel as the backbone of the elite team with high pressure testing laboratory, high polymer material measurement laboratory, etc.

Company always adhere to the 10-35 kv cable accessories professional production, all products comply with European standard DIN47636 and standard IEEE386 new power distribution products. Below 35 kv separable connector, shrinkage cable accessories, according to the international standard "- 4 and domestic standard GB12706.4 execution.

欧式系列

EUROPEAN SERIES

630A系列电缆附件 01-34
630A Series of Cable Accessories

美式系列

AMERICAN SERIES

15kV/24kV 200A系列电缆附件 35-65
15kV / 24kV 200A Series Cable Accessories

24kV 250A系列电缆附件 66-81
24kV 250A Series Cable Accessories

15kV/24kV/35kV 600A系列电缆附件 82-99
15kV/24kV/35kV 600A Series Cable Accessories

预装式变电站专用配件 100-110
Prefabricated Substation Special Accessories

电缆分支箱系列

CABLE BRANCH BOX SERIES

DFW系列电缆分支箱 111-114
Cable branch box series



欧式系列 EUROPEAN SERIES

630A系列电缆附件

630A 系列电缆附件执行标准	02
SR QJ 12/24-630A 欧式前接头	03
SR HJ-12/630A 欧式后接头	06
SR HBLQ-17/50 欧式后接避雷器	09
SR HBLQ-35/78 24kV 欧式后接避雷器	10
SR DJTG-12/24/kV 630A 对接套管	11
SR DTGZ-12/24kV 630A 单通套管座	12
SR TGZ-12/24kV 630A 充气柜套管座	13
SR JYM-□/630 12kV/24kV 630A 绝缘帽	14
SR JCTG-12kV/630A 一体式套管	15
SR HDJT-12/24kV 630A H型母排	16
SR YMP□-12kV 630A 异形母排	17
PLUS型开关柜用连接母线	18
SR FLEX型开关柜用连接母排	20
开关柜用内锥型母线连接器	21
SR 12kV 630A TT型可触摸前接头	22
SR TGZS-35kV 630A 套管座	24
SR DJTG-35kV 630A 对接套管	25
SR TGZ-35kV 630A 套管座	26
SR TT-35kV 630A T型电缆接头	27
SR HBLQ-51/134可触摸后接避雷器	29
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细致专业

成为最专注最完善
最值得信赖的电力附件制造企业
Become the most dedicated most perfect
The most trusted manufacturer of power attachments



630A Series of Cable Accessories 630A系列电缆附件

欧式系列
EUROPEAN SERIES

Shirun

630A Series Of Cable Accessories Implementation Standards

欧式系列

执行标准 Implementation of standards

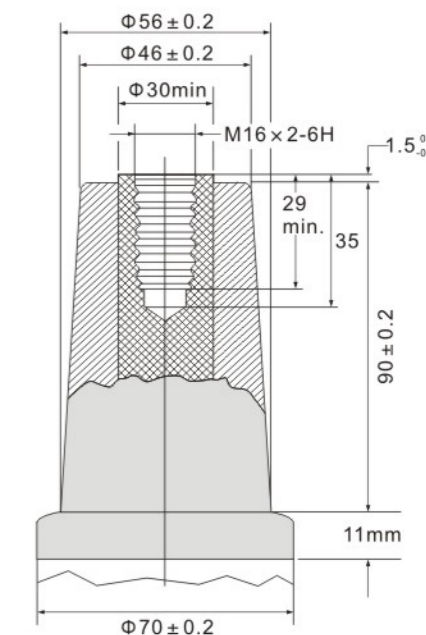
- DIN47636.7.1990带有伸出锥体的电力电缆可分附件套, Um在35 kV以下套管和可分连接件装置尺寸;
- ANSI IEEE592-1990高压电缆接头和可分离绝缘连接器的外露半导体护套;
- IEC60502额定电压1kV(Um=1.2kV)以上至30kV(Um=35 kV)挤出绝缘电力电缆及其附件;
- IEC61442额定电压6kV(Um=7.2 kV)至30kV(Um=35kV)电力电缆附件试验方法;
- GB12706-2002额定电压1kV(Um=1.2kV)至35kV(Um=40.5kV)挤出绝缘电力电缆及其附件;
- GB311.1-1997高压输电设备的绝缘配合;
- GB/T41.9-1999高压套管技术条件;
- GB11032-2010交流无间隙金属氧化避雷器;
- DIN47636.7.1990带有伸出锥体的电力电缆可分附件套, Um在35kV以下套管和可分连接件装置尺寸。
- DIN47636.7.1990 Power cable with extension cones, separable sets of sleeves, dimensions of sleeves and separable couplings for Um up to 35 kV;
- Exposed semiconductor jackets for high-voltage cable splices and separable insulated connectors;
- Extruded insulated power cables and their accessories with rated voltages above 1 kV (Um = 1.2 kV) up to 30 kV (Um = 35 kV);
- Test methods for accessories for power cables with rated voltages from 6 kV (Um = 7.2 kV) to 30 kV (Um = 35 kV);
- Extruded insulated power cables and accessories with rated voltages from 1 kV (Um = 1.2 kV) to 35 kV (Um = 40.5 kV) GB / T.
- Insulation coordination of high - voltage transmission and distribution equipment GB311.1-1997;
- Specification for high - voltage bushing; GB / T41.9-1999.
- GB11032-2010 AC non-gap metal oxide surge arresters;
- Power cables with extended cones - Partition sets of sleeves, dimensions of sleeves and separable connectors with Um below 35 kV.

电压特性 Continuous voltage ratings

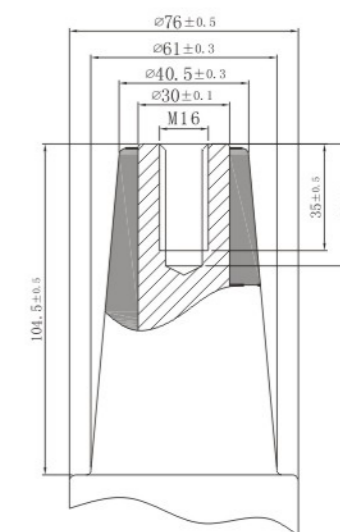
项目 Item	15kV参数 Parameter	24kV参数 Parameter	35kV参数 Parameter
额定电压 Continuous operating voltage	8.7kV/15kV	12/20kV 18/20kV	26kV/35kV
工频耐压 AC withstand voltage	45kV/1min	55kV/5min	117kV/5min
直流耐压 DC withstand voltage	53kV/15min	78kV/15min	104kV
雷电冲击耐压 1.5/50 μ s Impulse with stand voltage	95kV	125kV	215kV
局部放电电压<10PC Partial discharge voltage	13kV	20kV	45kV

电流性能 Current rating

项目 Item	250AMP	600AMP
热稳定电流 Heat stable current	16kA 1s	30kA 2S
动稳定电流 Peak withstand current	40kA	105kA



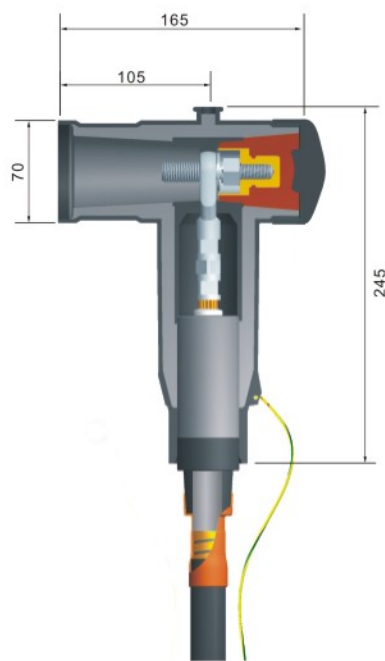
630A标准接口
符合CENELEC En501810和50181
630A Interface Dimensions
According to CENELEC En501810 & 50181



35kV 标准接口
符合IEEE386标准
35kV Interface Dimensions
According to IEEE386 (in mm).



12/24-630A 欧式前接头
12/24-630A Shielded Fore-Connector



图一：外形尺寸图
Figure 1: Dimensions

应用 Application

- 通过630A预制式接头实现单相或三相绝缘电缆和变压器、开关柜、分支箱等其他设备的连接。
- 适用于户内和户外安装。
- 最高系统电压24kV
- 持续额定电流630A (900A过载可持续8小时)
- 电缆特性
 - 聚合物绝缘 (XLPE、ERP等)
 - 铜或铝导体
 - 具有半导体或金属屏蔽
 - 导体尺寸: 12kV 25-400mm² 24kV 25-400mm²
- For connection of polymeric cable to transformers, switchgear, motors and other equipment with a premoulded separable connector.
- For indoor and outdoor installations.
- System voltage up to 24 kV.
- Continuous current 630 A (900 A overload for 8 hours).
- Cable particulars:
 - Polymeric cable (XLPE, EPR, etc.)
 - Copper or aluminum conductors
 - Semiconducting or metallic screens
 - Conductor size 12kV 25-120 mm² 24kV 25-400 mm²

性能 Features

- 当与适合的套管或插头配合时, 提供全屏蔽和全密封可分离连接;
- 可长期在水下和其他恶劣的条件下运行;
- 内置式电容测试点用以测定线路带电状态, 须与带电显示器配合使用;
- 无最小相间安全距离要求;
- 安装可以是垂直、水平或任意角度。
- Provides a fully screened and fully submersible separable connection when mated with the proper bushing or plug.
- Can be used under the circumstances
- Built-in capacitive test point to determine the circuit status or install a fault indicator.
- No minimum phase clearance requirements.
- Mounting can be vertical, horizontal, or any angle in between.

安装 Installation

- 无需任何特殊工具, 包带或填充;
- 电缆接头安装到相关部件后立即通电运行;
- 提供常规的装配件及安装说明书。
(特殊要求请与我司联系)
- Without any special tools
- When finish the installation of elbow connector, the power can be supply directly.
- According to the Installation Instruction Sheet
(any other special requirement, please contact our sales engineer)

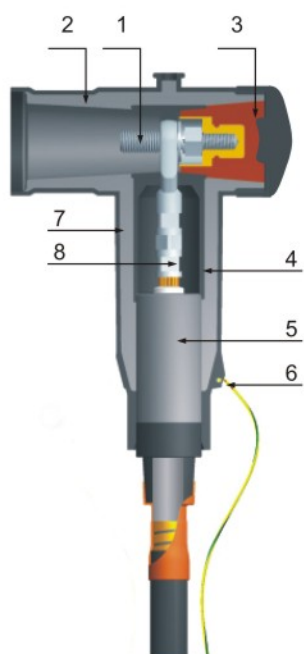
12kV电缆型号配置表 Order information

产品型号 Reference No.	多股线芯绞成同心的 电缆截面积(mm ²) Conductor cross section (mm ²)	电缆绝缘层外径(mm) Stretch range over insulation (mm)	电缆型号 Cable Type	对应代号 Size of stress cone
SR QJ-12/630-25	25	16.6	8.7/15	A
SR QJ-12/630-35	35	17.6	8.7/15	A
SR QJ-12/630-50	50	19	8.7/15	A
SR QJ-12/630-70	70	20.6	8.7/15	B
SR QJ-12/630-95	95	22.2	8.7/15	B
SR QJ-12/630-120	120	23.6	8.7/15	C
SR QJ-12/630-150	150	25.2	8.7/15	C
SR QJ-12/630-185	185	26.7	8.7/15	D
SR QJ-12/630-240	240	29	8.7/15	D
SR QJ-12/630-300	300	31.2	8.7/15	E
SR QJ-12/630-400	400	34.4	8.7/15	E
SR QJ-12/630-500	500	37.2	8.7/15	F

24kV电缆型号配置表 Order information

产品型号 Reference No.	多股线芯绞成同心的 电缆截面积(mm ²) Conductor cross section (mm ²)	电缆绝缘层外径(mm) Stretch range over insulation (mm)	电缆型号 Cable Type	对应代号 Size of stress cone
SR QJ-24/630-35	35	18.6	12/20	B
SR QJ-24/630-50	50	19.6	12/20	B
SR QJ-24/630-70	70	21	12/20	B
SR QJ-24/630-95	95	22.6	12/20	C
SR QJ-24/630-120	120	24.2	12/20	C
SR QJ-24/630-150	150	25.6	12/20	C
SR QJ-24/630-185	185	27.2	12/20	D
SR QJ-24/630-240	240	28.7	12/20	D
SR QJ-24/630-300	300	31.1	12/20	E
SR QJ-24/630-400	400	33.2	12/20	E

注: 选型时以电缆外径为决定因素, 导体截面为参考。
NOTE: The cable range is the basic element for choosing the product's type. The conductor size is just for areference.



图二：产品构造图
Figure 2: Illustrate Design Integrity

标准包装 Scope of Delivery

- 欧式前接头本体
- 绝缘子(含半导电封帽)
- 防尘帽(非绝缘保护帽)
- 应力锥
- 压接端子
- 双头螺栓
- 硅脂、清洁纸
- 安装指导说明书
- 产品合格证
- T Fore connector
- Insulator
- Covering cap
- Adaptor
- Conductor cable lug
- Two-head Screw
- Silicone Lubricant、Clearing Paper
- Installation Instruction Sheet
- Quality Certificate

定货编号说明 Inference Information

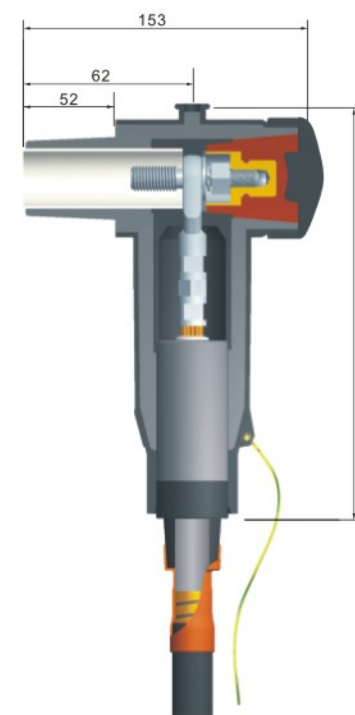


产品构造 Product Structure

- 1、双头螺栓：不锈钢螺栓确保导体和套管紧密配合。
 - 2、绝缘层：特有的配方和混合技术确保预制EPDM绝缘橡胶的优质品质。
 - 3、绝缘子：环氧树脂绝缘子内含有带螺纹金属件可以确保与双头螺栓紧密配合。
 - 4、内半导电层：预制的EPDM导电橡胶有效的控制电气应力。
 - 5、应力锥：不同尺寸的应力锥配合电缆接头使用，能确保水密封以及电缆应力释放。
 - 6、接地眼：预注到外屏蔽中用于接地线的连接。
 - 7、外半导电层：预制的EPDM导电橡胶与电缆屏蔽层搭接使屏蔽连续，并确保外半导电层处于接地状态。
 - 8、压接端子：全铜或铜铝压接端子适用于铜或铝导体。
- 1、TWO HEAD SCREW: To make sure have a good contact with the apparatus bushing.
 - 2、INSULATION: Moulded EPDM insulating rubber is formulated and mixed in-house to ensure high quality.
 - 3、INSULATING PLUG: Moulded epoxy insulating plug provides excellent electrical, thermal and mechanical reliability.
 - 4、SEMI-CONDUCTIVE INSERT: Moulded EPDM conducting rubber screen controls electrical stress.
 - 5、STRESS RELIEF: The configuration of the outer screen and the cable adaptor provide cable stress relief.
 - 6、GROUNDING EYE: Moulded into the external screen for connection of an earthing wire.
 - 7、SEMI-CONDUCTIVE SHIELD: Moulded EPDM conducting rubber mates with the cable screen to maintain screen continuity and ensure that the assembly is at earth potential.
 - 8、CONDUCTOR CABLE LUG: Aluminum compression connector is sized to ensure a cool running connector with maximum current transfer.



SR-HJ-12/24-630A 欧式后接头
SR-HJ-12/24-630A European after connector



图一：外形尺寸图
Figure 1: Dimensions

概述 General

630A欧式后接头可和欧式前接头或另外的后接头连接，提供扩展的电缆连接回路(分支)，它不能直接和套管座、穿墙套管连接。其尾部可直接用绝缘塞堵塞，也可扩展连接另一路欧式后接头或后接避雷器。

630A European after connector can be use together with the T Fore connector and some other back connector, it can be provide more branches, and they can not together with the bushing directly, cover the back protection cap on the end of the blanking cover.

性能 Features

- 当与适合的套管或插头配合时，提供全屏蔽和全密封可分离连接；
- 可长期在水下和其他恶劣的条件下运行；
- 内置式电容测试点用以测定线路带电状态或安装带电指示器；
- 无最小相间安全距离要求；
- 安装可以是垂直、水平或任意角度。
- Provides a fully screened and fully submersible separable connection when mated with the proper bushing or plug.
- Can be used under the circumstances.
- Built-in capacitive test point to determine the circuit status or install a fault indicator.
- No minimum phase clearance requirements.
- Mounting can be vertical, horizontal, or any angle in between.

标准包装 Scope of Delivery

- 630A 欧式后接头本体
- 应力锥
- 压接端子
- 连接铜棒
- 双头螺栓
- 硅脂、清洁纸
- 安装指导说明书
- 产品合格证
- 630A European after connector
- Adaptor
- Conductor cable lug
- Connect lug
- Two head screw
- Silicone Lubricant、Clearing Paper
- Installation Instruction Sheet
- Quality Certificate

12kV电缆型号配置表 Order information

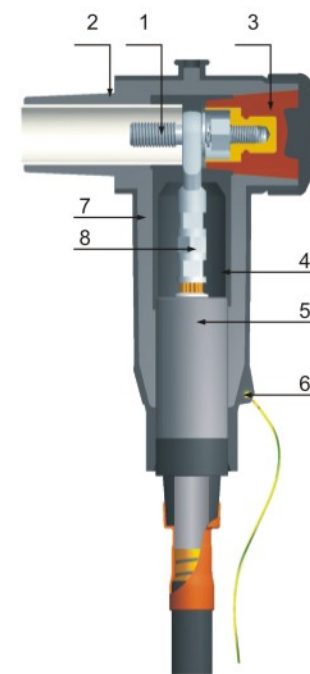
产品型号 Reference No.	多股线芯绞成 同心的电缆截 面积(mm ²) Conductor cross section(mm ²)	电缆绝缘层 外径(mm) Stretch range over insulation(mm)	电缆 型号 Cable Type	对应代号 Size of stress cone
SR HJ-12/630-25	25	16.6	8.7/15	A
SR HJ-12/630-35	35	17.6	8.7/15	A
SR HJ-12/630-50	50	19	8.7/15	A
SR HJ-12/630-70	70	20.6	8.7/15	B
SR HJ-12/630-95	95	22.2	8.7/15	B
SR HJ-12/630-120	120	23.6	8.7/15	C
SR HJ-12/630-150	150	25.2	8.7/15	C
SR HJ-12/630-185	185	26.7	8.7/15	D
SR HJ-12/630-240	240	29	8.7/15	D
SR HJ-12/630-300	300	31.2	8.7/15	E
SR HJ-12/630-400	400	34.4	8.7/15	E
SR HJ-12/630-500	500	37.2	8.7/15	F

24kV电缆型号配置表 Order information

产品型号 Reference No.	多股线芯绞成 同心的电缆截 面积(mm ²) Conductor cross section(mm ²)	电缆绝缘层 外径(mm) Stretch range over insulation(mm)	电缆 型号 Cable Type	对应代号 Size of stress cone
SR HJ-24/630-35	35	18.6	12/20	B
SR HJ-24/630-50	50	19.6	12/20	B
SR HJ-24/630-70	70	21	12/20	B
SR HJ-24/630-95	95	22.6	12/20	C
SR HJ-24/630-120	120	24.2	12/20	C
SR HJ-24/630-150	150	25.6	12/20	C
SR HJ-24/630-185	185	27.2	12/20	D
SR HJ-24/630-240	240	28.7	12/20	D
SR HJ-24/630-300	300	31.1	12/20	E
SR HJ-24/630-400	400	33.2	12/20	E

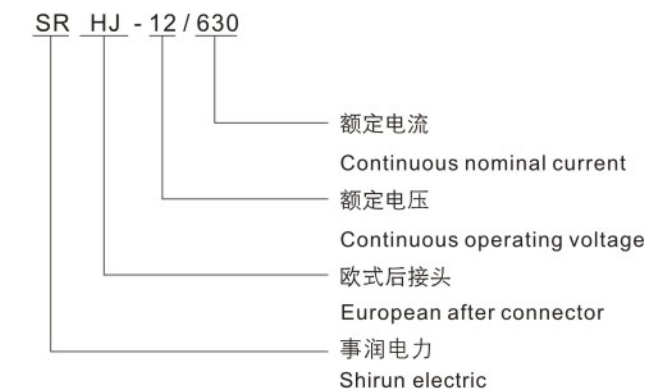
注：选型时以电缆外径为决定因素，导体截面为参考。

NOTE: The cable range is the basic element for choosing the product's type. The conductor size is just for a reference.



图二：产品构造图
Figure 2: Illustrate Design Integrity

定货编号说明 Inference Information



产品构造 Product Structure

- 1、双头螺栓：不锈钢螺栓确保导体和套管紧密配合。
 - 2、绝缘层：特有的配方和混合技术确保预制EPDM绝缘橡胶的优质品质。
 - 3、绝缘子：环氧树脂绝缘子内含有带螺纹金属件可以确保与双头螺栓紧密配合。
 - 4、内半导体层：预制的EPDM导电橡胶有效的控制电气应力。
 - 5、应力锥：不同尺寸的应力锥配合电缆接头使用，能确保水密封以及电缆应力释放。
 - 6、接地眼：预注到外屏蔽中用于接地线的连接。
 - 7、外半导体层：预制的EPDM导电橡胶与电缆屏蔽层搭接使屏蔽连续，并确保外半导体层处于接地状态。
 - 8、压接端子：全铜或铜铝压接端子适用于铜或铝导体。
- 1、TWO HEAD SCREW: To make sure have a good contact with the apparatus bushing.
 - 2、INSULATION: Moulded EPDM insulating rubber is formulated and mixed in-house to ensure high quality.
 - 3、INSULATING PLUG: Moulded epoxy insulating plug provides excellent electrical, thermal and mechanical reliability.
 - 4、SEMI-CONDUCTIVE INSERT: Moulded EPDM conducting rubber screen controls electrical stress.
 - 5、STRESS RELIEF: The configuration of the outer screen and the cable adapter provide cable stress relief.
 - 6、GROUNDING EYE: Moulded into the external screen for connection of an earthing wire.
 - 7、SEMI-CONDUCTIVE SHIELD: Moulded EPDM conducting rubber mates with the cable screen to maintain screen continuity and ensure that the assembly is at earth potential.
 - 8、CONDUCTOR CABLE LUG: Aluminum compression connector is sized to ensure a cool running connector with maximum current transfer.



17/50kV 欧式后接避雷器
17/50kV European-style followed by arrester

概述 General

欧式后接避雷器能为电气系统提供可靠的过电压保护。屏蔽型的后接避雷器的外半导体层确保了安装和维护人员的人身安全及设备的安全运行，同时其抗紫外线，抗老化，防水，防潮的特定性能确保了产品在恶劣环境下的安全可靠运行。

欧式后接避雷器与欧式前接头配合，确保电网安全运行。

17/50kV European-style followed by arrester provide a reliable protective medium voltage net work. using the semi-conductive shield to make sure the person is safe and the equipment can work well, also they have the high quantity to make sure they can work in the circumstances.

The 17/50kV European-style followed by arrester can be use together with the European front connector.

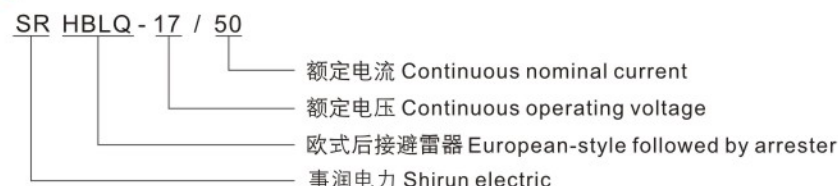
标准包装 Scope of Delivery

- 避雷器本体
- 双头螺杆
- 连接铜棒
- 硅脂
- 清洁纸
- 测试报告
- 安装指导说明书
- 产品合格证
- Arrester body
- Two head screw
- Insulator
- Clearing paper
- Silicone lubricant
- Testing report
- Installation instruction sheet
- Quality certificate

订货信息 Order Information

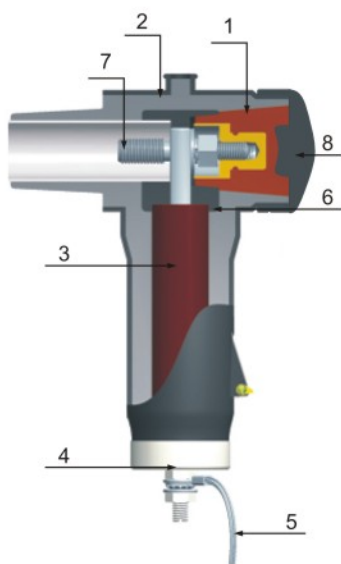
产品名称 Description	订货编号 Reference No.
17/50kV欧式后接避雷器 European-style followed by arrester	SR HBLQ-17/50
17/45kV欧式后接避雷器 European-style followed by arrester	SR HBLQ-17/45

定货编号说明 Inference Information



产品构造 Product Structure

- 1、绝缘层：特有配方和混合技术确保预制EPDM绝缘橡胶的优质品质。
- 2、外半导体层：预制的EPDM导电橡胶符合IEEE592标准。
- 3、避雷器芯子：由经过特殊工艺处理的氧化锌避雷器阀片组成。
- 4、铜质底盖：铜质底盖与避雷器外导电层紧密结合，使避雷器有效防水，并为避雷器提供接地点。
- 5、接地线：避雷器下端自带的接地线，用于将雷电冲击电压有效接引到接地位置。
- 6、内半导体层：预制的EPDM导电橡胶有效的控制电气应力。
- 7、双头螺栓：镀锡的铜螺栓确保导体和套管紧密配合。
- 8、绝缘子端盖：使产品具有绝缘密封作用。



产品构造图
Illustrate Design Integrity



SRHBLQ-35/78 欧式后接避雷器
SRHBLQ-35/78
European-style followed by arrester

概述 General

35/78kV欧式后接避雷器能为电气系统提供可靠的过电压保护。屏蔽型的后接避雷器的外半导体层确保了安装和维护人员的人身安全及设备的安全运行，同时其抗紫外线，抗老化，防水，防潮的特定性能确保了产品在恶劣环境下的安全可靠运行。

欧式后接避雷器与欧式前接头配合，确保电网安全运行。

35/78kV European-style followed by arrester provide a reliable protective medium voltage network. Using the semi-conductive shield to make sure the person is safe and the equipment can work well, also they have the high quantity to make sure they can work in the Circumstances.

The 35/78kV European-style followed by arrester can be use together with the European front connector.

标准包装 Scope of Delivery

- 肘型避雷器本体
- 硅脂
- 清洁纸
- 安装指导说明书
- 产品合格证
- 出厂报告
- Elbow Surge Arrester
- Silicone Lubricant
- Clearing Paper
- Installation Instruction Sheet
- Quality Certificate
- Testing report

订货信息 Order Information

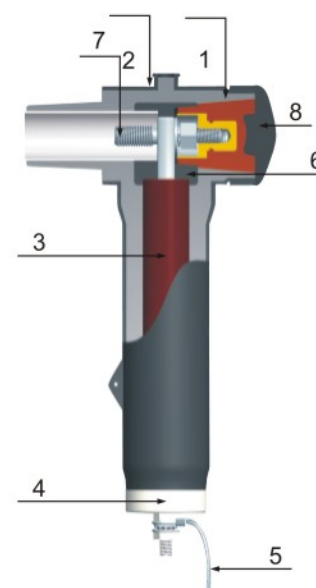
产品名称 Description	订货编号 Reference No.	额定电压 Continuous operating voltage	冲击耐压 Continuous nominal current
35/78kV欧式后接避雷器	SR HBLQ-35/78	35kV	78kV

定货编号说明 Inference Information



产品构造 Product Structure

- 1、绝缘层：特有的配方和混合技术确保预制EPDM绝缘橡胶的优质品质；
 - 2、外半导体层：预制的EPDM导电橡胶符合IEEE592标准；
 - 3、避雷器芯子：由经过特殊工艺处理的氧化锌避雷器阀片组成；
 - 4、铜质底盖：铜质底盖与避雷器外导电层紧密结合，使避雷器有效防水，并为避雷器提供接地点；
 - 5、接地线：避雷器下端自带的接地线，用于将雷电冲击电压有效接引到接地位置。
- 1、 EPDM INSULATION: High quality sulfur cured EPDM insulation is mixed and formulated in-house for complete control of insulating rubber characteristics.
 - 2、 SEMI-CONDUCTIVE SHIELD: Molded semi-conductive EPDM shield meets requirements of ANSI/IEEE Standard 592.
 - 3、 ARRESTER CORE: Compose of the zinc oxide lightning arrester valve slice which through special process treatment.
 - 4、 PROBE: Probe provides reliable conductive path with mating female contacts.
 - 5、 GROUNDING WIRE:(Optional for larger grounding wire) Used for impulse voltage effective after leads to grounding position.



产品构造图
Illustrate Design Integrity



12/24kV 630A 对接套管
Deadbreak Type Junction

概述 General

630A 对接套管，主要用于欧式电缆分支箱，与欧式前接头相连，可与带电指示器相连，显示母线带电状态。其采用高品质的环氧树脂绝缘。

630A Dead break Type Junction is designed for outdoor Power Cable Sector and Underground Power Cable Sector. It is suitable for branch box, surround power supply branch cabinet of European style, and can connect with 630A Shield Fore-Connector.

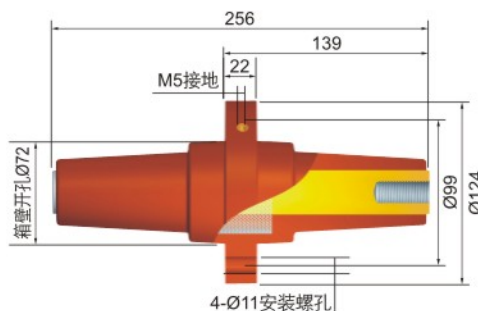
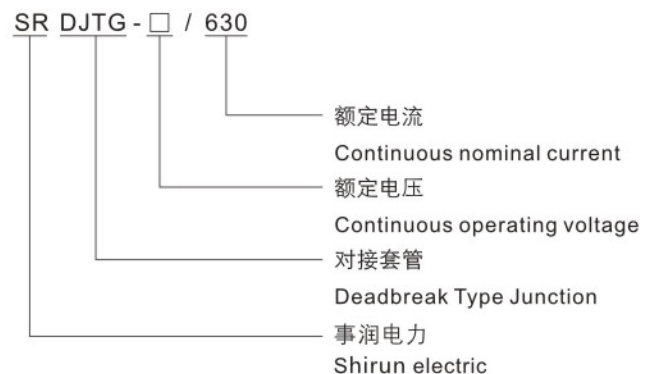
标准包装 Scope of Delivery

- 对接套管本体
- 安装指导说明书
- 产品合格证
- Deadbreak Type Junction
- Installation Instruction Sheet
- Quality Certificate

订货信息 Order Information

产品名称 Description	订货编号 Reference No.
12kV 630A 欧式对接套管 12kV 630A Deadbreak Type Junction	SR DJTG-12/630
24kV 630A 欧式对接套管 24kV 630A Deadbreak Type Junction	SR DJTG-24/630

定货编号说明 Inference Information



外形尺寸图 Dimensions



产品应用示例
Application Example



SRDTGZ-12/24kV 630A 单通套管座
Apparatus Bushings Insert

概述 General

630A单通套管座，为630A电缆接头提供接口，主要用于美式箱变、户外环网开关柜等设备。安装在美式箱变的一侧和高压绕组连接，安装在户外环网柜上做630A出线侧。与屏蔽型螺栓式电缆接头连接。

其材料为一种环氧树脂，具有良好的机械和电气性能。

630A Apparatus Bushing Insert are designed for European type Cable Branch Cabinet, Power Surrounding Supply Cabinet, Used in European type Cable Branch Cabinet connecting with high voltage. These bushings can connect with the dead break cable connector. These bushing are molded using high quality sulfur-cured insulating of Epoxy Resin Rubber.

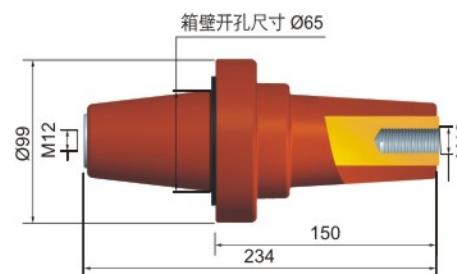
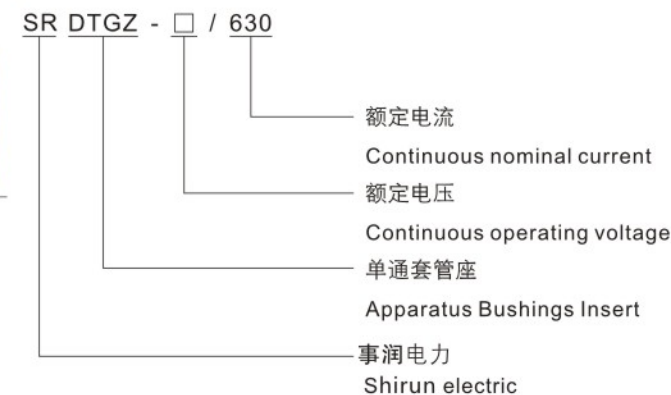
标准包装 Scope of Delivery

- 单通套管座
- 密封耐油垫圈
- 安装指导说明书
- 产品合格证
- Apparatus Bushings Insert
- gasket
- Installation Instruction Sheet
- Quality Certificate

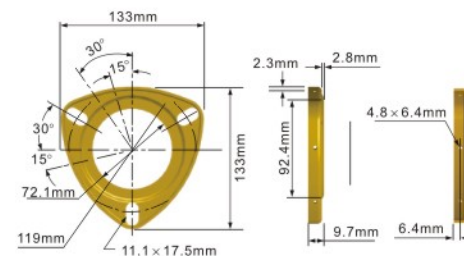
订货信息 Order Information

产品名称 Description	订货编号 Reference No.
15kV 630A 单通套管座 12kV 630A Apparatus Bushings Insert	SR DTGZ-12/630
24kV 630A 单通套管座 24kV 630A Apparatus Bushings Insert	SR DTGZ-24/630

定货编号说明 Inference Information



外形尺寸图
Dimensions





SRTGZ-12/24kV 630A 充气柜套管座
SRTGZ-12/24kV 630A Air Bushing

概述 General

630A充气柜套管座，为630A电缆接头提供接口，主要用于户外环网开关柜等设备。安装在充气柜上，加接630A型号电缆接头，为630A近出线，与屏蔽型螺栓式电缆接头连接。适用介质为绝缘油或SF6气体，套管上感应点可直接接地或连接带电显示器。

其材料为一种环氧树脂和紫铜棒，具有良好的机械和电气性能。

630A Air Bushing are designed for European type Cable Branch Cabinet, Power Surrounding Supply Cabinet, Used in European type Cable Branch Cabinet connecting with high voltage. Installed in inflatable lockers to connect Type 630A connector for 630A. These bushings can connect with the dead break cable connector.

These bushing are made by Epoxy Resin and copper bar with good mechanical and electrical properties.

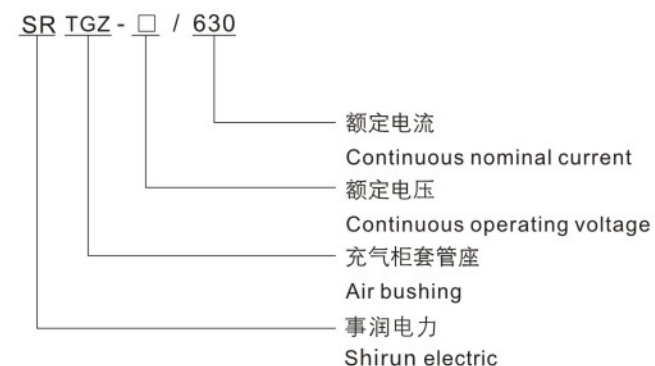
标准包装 Scope of Delivery

- 套管座本体
- 黑色防尘帽
- 安装法兰(可选)
- 产品合格证
- Air bushing
- Covering cap
- Installation instruction sheet
- Quality certificate

订货信息 Order Information

产品名称 Description	分支数 Number of branches
12kV 630A 充气柜套管座 Air Bushing	SR TGZ-12/630
24kV 630A 充气柜套管座 Air Bushing	SR TGZ-24/630

定货编号说明 Inference Information



带接地线的标准绝缘帽
Insulated Protective Cap

概述 General

12kV/24kV 630A 绝缘帽是带电套管的附属配件，为带电套管提供绝缘封套，对不带电的接头提供防尘，防潮封套。

630A绝缘帽可以安装在630A套管、母排及壁挂等设备上，当母排和电缆接头预留有备用出线时，必须用630A绝缘帽将其密封。

12kV/24kV 630A Insulated Protective Cap is an accessory device designed to electrically insulate and mechanically seal load break bushing interfaces. When mated to a load break product and the drain wire is attached to ground, the Insulated Protective Cap provides a fully shielded, submersible insulating cover for energized bushings. The Insulated Protective Cap can be used for permanent or temporary installation on 200A bushings, junctions or insulated stand off bushing.

标准包装 Scope of Delivery

- 绝缘帽
- 清洁纸
- 硅脂
- 安装指导说明书
- 产品合格证
- Insulated protective cap
- Clearing paper
- Silicone lubricant
- Installation instruction sheet
- Quality certificate

订货信息 Order Information

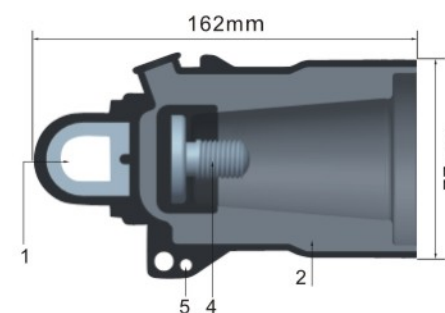
产品名称 Description	订货编号 Reference No.
630A 12kV绝缘帽 Insulated Protective Cap	SR JYM-12/630
630A 24kV绝缘帽 Insulated Protective Cap	SR JYM-24/630

定货编号说明 Inference Information



产品构造 Product Structure

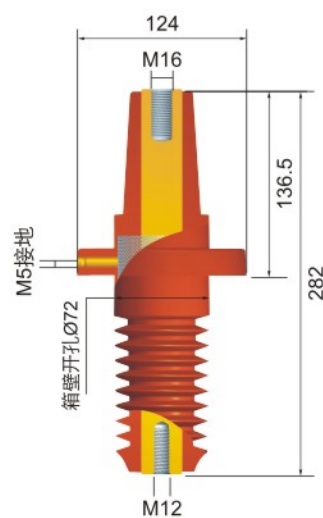
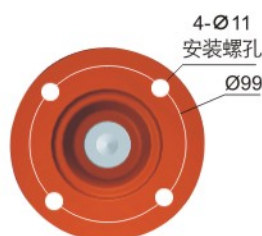
- 操作环：由不锈钢制成，方便产品的安装与操作；
- 绝缘层：特有配方和混合技术确保预制EPDM绝缘橡胶的优质品质；
- 外半导体层：预制式的EPDM导电橡胶符合IEEE592标准；
- 内螺纹：内部螺纹为M16-2；
- 接地眼：通过接地眼，使产品接地。
- The operating ring: made of stainless steel to facilitate the installation and operation of products;
- The insulation layer: a unique formula and mixing technology to ensure that pre-EPDM insulation rubber quality;
- The outer semiconducting layer: prefabricated EPDM conductive rubber in line with IEEE592 standard;
- Internal thread: internal thread for the M16-2;
- Grounded eye: ground through the eye, the product ground.



产品构造图
Illustrate Design Integrity



12kV/630A 一体式套管
Integral Deadbreak Bushing



外形尺寸图 Dimensions

概述 General

12kV 630A 一体式套管应用于带SF6负荷开关分支箱上与欧式630A电缆接头连接。其采用高品质的环氧树脂制成，伞裙结构的设计增加了爬电距离，提高了设备的电气性能，使电气安全性大为提高。

12kV 630A Insulated Dead break Bushing are designed for Cable Branch Cabinet with Sf6 Switch. Separable connectors, such as 630A T and T-II dead break connectors can be used with these bushing. These bushing are made by Epoxy Resin. With the skirt make the Dead break Rotatable Feedthru Bushing can be used better.

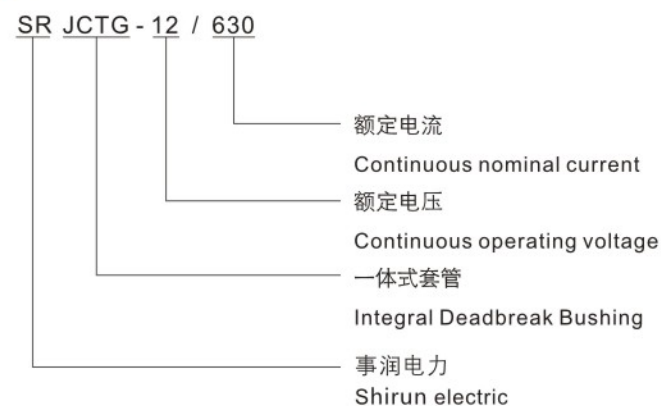
标准包装 Scope of Delivery

- 欧式一体式套管本体
- 防尘帽(非绝缘保护帽)
- 安装指导说明书
- 产品合格证
- Integral Deadbreak Bushing
- Covering cap
- Installation Instruction Sheet
- Quality Certificate

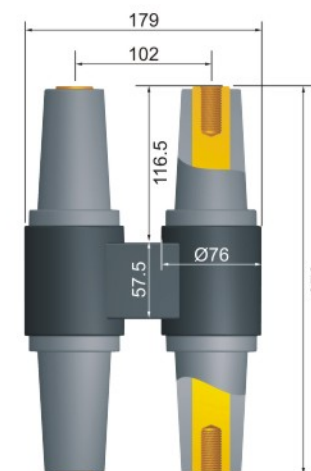
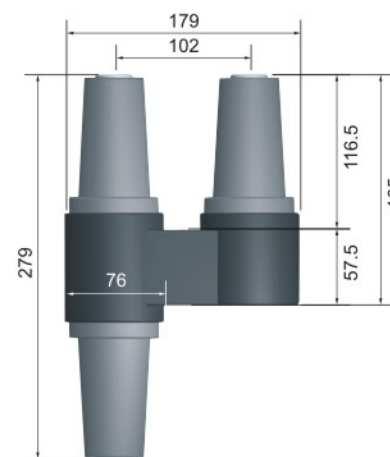
订货信息 Order Information

产品名称 Description	订货编号 Reference No.
12kV 630A 欧式一体式套管 12kV 630A Integral Deadbreak Bushing	SR JCTG-12/630

定货编号说明 Inference Information



12/24kV 630A H型母排
Deadbreak Type H Junction



概述 General

12kV/24kV 630A 螺栓式H型对接套管用于欧式电缆分支箱，与欧式前接头相连。为分电缆分接管提供更多的分支回路，由高品质EPDM橡胶制成。

12kV/24kV 630A Dead break Type H Junction is designed for outdoor Power Cable Sector and Underground Power Cable Sector. It is suitable for branch box, surround power supply branch cabinet of European style, and can connect with 630A Shield Fore-Connector. Be molded using high quality sulfur-cured insulating and semi-conducting EPDM rubber.

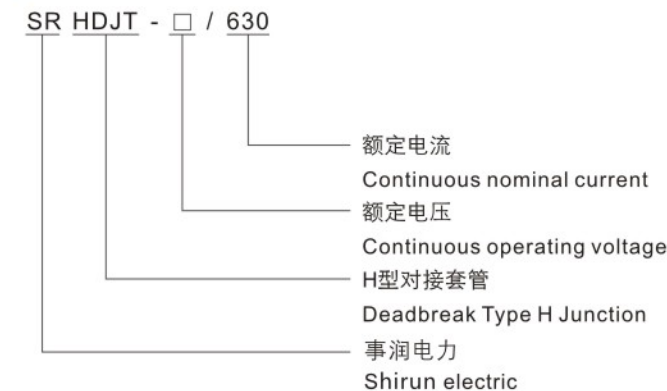
标准包装 Scope of Delivery

- H型对接套管
- 防尘帽（非绝缘保护帽）
- 安装指导说明书
- 产品合格证
- Deadbreak Type H Junction
- Covering cap
- Installation Instruction Sheet
- Quality Certificate

订货信息 Order Information

产品名称 Description	订货编号 Reference No.
630A H型对接套管 630A Deadbreak Type H Junction	SR HDJT-□-630
15kV 630AH型对接套管 630A Deadbreak Type h Junction	SR HDJT-□-630

定货编号说明 Inference Information





12kV 630A 异形母排
12kV 630A Specific Junction



12KV 630A 异形母排
12KV 630A Specific Junction



15kV 630A 异形母排
15kV 630A Specific Junction

概述 General

630A异形母排应用于带SF6负荷开关或真空断路器电缆分支箱，构造灵活多变，满足多种接线方式，分欧式与美式两种，有二通、三通、四通，可组合成630A接头，630A混合接头，带伞裙接头为欧式630A接头，可通过十字接头和丁字接头与开关连线端相连，实现全绝缘、全密封。

630A Specific Junction provide two, three or four 630A dead break, 15kV mixed interfaces on one side that are internally bused together and meet all requirements of ANSI/IEEE 386-Separable Insulated Connector Systems. When mated with a comparably rated product, the junction provides a fully shielded, fully insulated, separable connection for load break or dead break operation. It is available with an adjustable bracket for mounting at various opwerating angles on flat or cured surfaces.

标准包装 Scope of Delivery

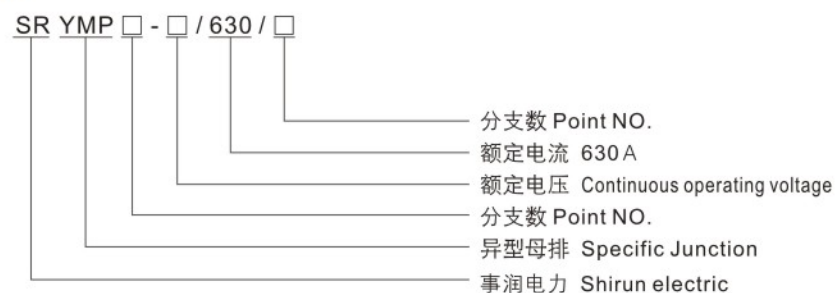
- 630A异形母排本体
- 防尘帽（非绝缘保护帽）
- 安装指导说明书
- 产品合格证
- Specific Junction
- Covering cap
- Installation Instruction Sheet
- Quality Certificate

订货信息 Order Information

订货编号 Reference No.	额定电流 Continuous nominal current	分支数 Point NO.
SR YMP2-12/630		2
SR YMP3-12/630	630A	3
SR YMP4-12/630		4

注：在选型时，请注明主回路的正（Z）或偏（P）形状。
Note: In the model selection, please indicate the main loop is (Z) or partial (P) shape.

定货编号说明 Inference Information



SR SJT-12/630A 十字接头
SR SJT-12/630A Cross connector



SR DJT-12/630A 丁字接头
SR DJT-12/630A T-joint



SR MX-□ 母线
SR MX-□ Bus

型号 Type

- SR PPMJ-615\624(630A屏蔽型母线)
- SR PPMJ-1215\1224(1250A屏蔽型母线)
- SR PPMJ-615 \ 624 (630A Shielded busbar)
- SR PPMJ-1215 \ 1224 (1250A Shielded busbar)

应用 Applications:

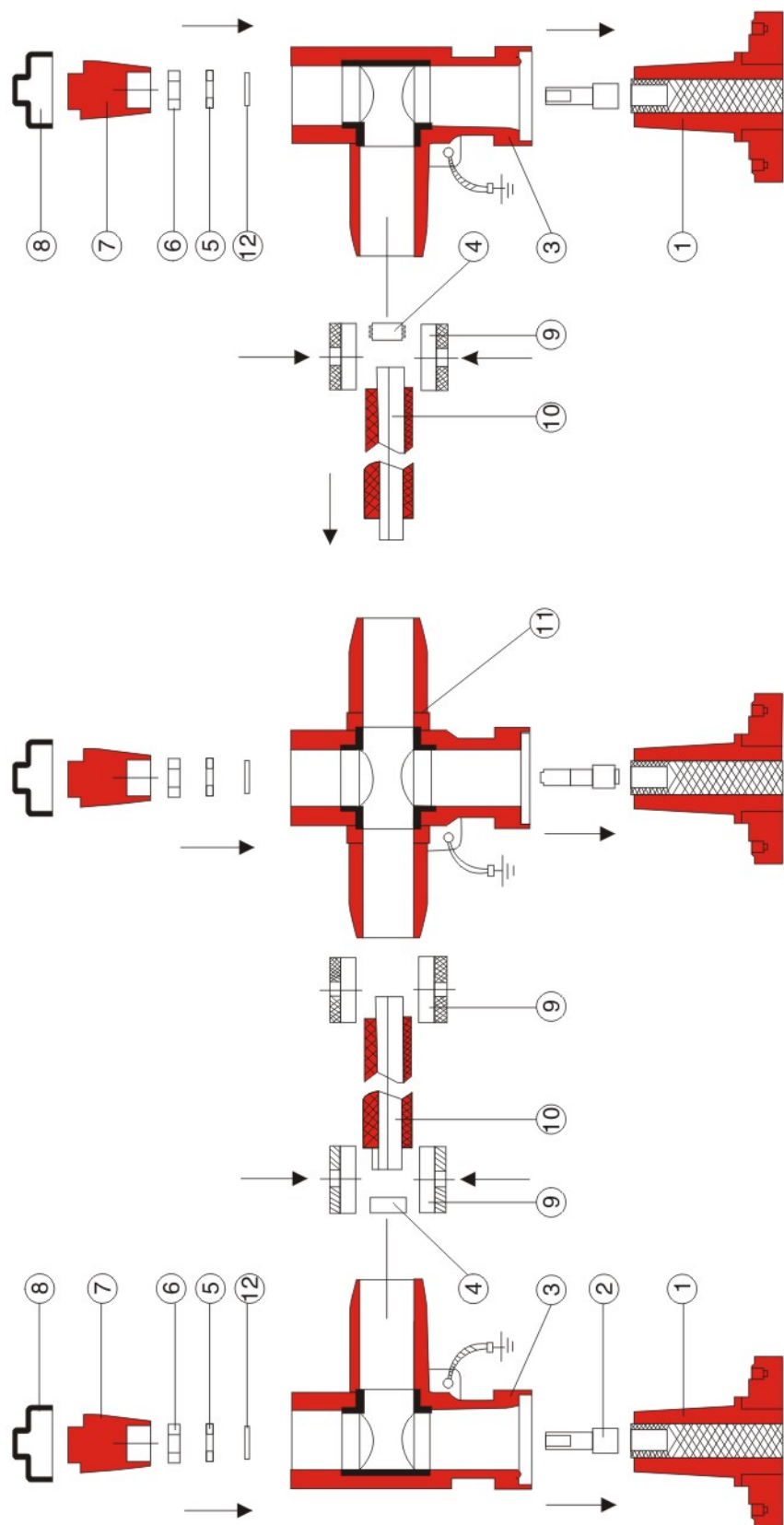
- 通过与开关柜套管连接，可实现多台开关柜之间连接。
- 系统电压：8.7/15kV \ 12/20kV。
- 持续额定电流：630A \ 1250A。
- Connection with the switchgear casing can be achieved between multiple switchgear connection.
- System voltage: 8.7 / 15kV \ 12 / 20kV.
- Continuous rated current: 630A \ 1250A.

特性 Characteristics:

- 与C型套管配合时，可提供全绝缘和全密封可分离连接。单极，插接式设计。
- 母线由圆铜棒（管）组成，外表复合硅橡胶绝缘层。
- 屏蔽型母线无最小相间距离要求，不受污染和凝漏的影响。
- When combined with Type C bushings, a fully insulated and fully hermetically separable connection is provided. Unipolar, plug-in design.
- Busbar from the round copper rod (tube) composition, surface composite silicone rubber insulation.
- Shielded busbar with no minimum interphase distance requirements, free from pollution and condensate leakage.

订货须知 Ordering Information

- 母线加工长度L以两开关柜设备套管中心距为依据，订货时务必提供参数；若以母线长度为依据，请明确。
- Bus length L to two switchgear equipment casing center distance as the basis, when ordering to provide parameters; if the bus Length as the basis, please specify.



- 1、630A设备套管
- 2、双通变径螺杆
- 3、丁字接头
- 4、平衡垫块
- 5、M12弹垫
- 6、M12螺母
- 7、绝缘塞
- 8、屏蔽罩
- 9、母线夹
- 10、屏蔽母线
- 11、十字接头
- 12、M12平垫

安装提示：母线与接头对接前，必须先将母线夹和平衡件与母线组装好后，再一起插入接头内。
说明：若接头与母线管之间的相交部位出厂前没有缠绕半导电胶带，请用半导电自粘带半搭接方式将接头与母线屏蔽表面相交周围缠绕3~4层。



型号 Type

SR FLEX-615

应用 Applications

- 通过与开关柜套管连接，可实现多台开关柜之间连接。
- 系统电压：8.7/15kV。
- 持续额定电流：630A。
- Connection with the switchgear casing can be achieved between multiple switchgear connection.
- System voltage: 8.7 / 15kV.
- Continuous rated current: 630A.

特性 Characteristics:

- 与适合的套管配合时，可提供全绝缘和全密封可分离连接。
- 单极，插接式设计。
- 母线由铜排组成，外表复合硅橡胶绝缘层。
- 母线连接采用硅橡胶绝缘的终端连接头和十字接头。
- 屏蔽型母线无最小相间距离要求，不受污染和凝漏的影响。
- 非屏蔽型母线需加装防护罩。
- When combined with a suitable sleeve, a fully insulated and fully hermetically separable connection is provided.
- Unipolar, plug-in design.
- Busbar from the copper composition, appearance composite silicone rubber insulation.
- Busbar connections are made of silicone rubber insulated terminal connectors and cross connectors.
- Shielded busbar with no minimum interphase distance requirements, free from pollution and condensate leakage.
- Unshielded bus should be installed with protective cover.



订货须知 Ordering instructions:

母线加工长度L以两开关柜设备套管中心距为依据，订货时务必提供参数；若以母线长度为依据，请明确。

Bus length L to two switchgear equipment casing center distance as the basis, when ordering to provide parameters; if the bus Length as the basis, please specify.

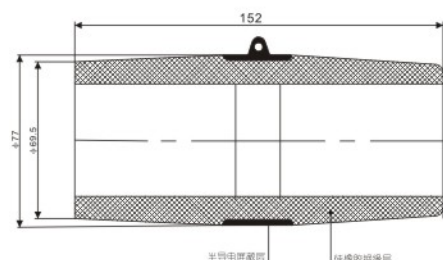


型号 Type

- SR NLM-615/624 630A 内锥型母线连接器
- SR JYZ-615/624 630A 内锥型母线绝缘子
- SR NLM-1215/1224 1250A 内锥型母线连接器
- SR JYZ-1215/1224 1250A 内锥型母线绝缘子
- SR JYFD-15/24 内锥型母线绝缘子绝缘封堵
- SR NLM-615/624 630A Internal cone-shaped busbar connector
- SR JYZ-615/624 630A Inner cone-shaped bus insulators
- SR NLM-1215/1224 1250A Internal conical busbar connector
- SR JYZ-1215/1224 1250A Internal cone-shaped bus insulators
- SR JYFD-15/24 Inner cone-shaped bus insulator insulation block

应用 Application

- 通过与开关柜内锥绝缘子连接, 可实现多台开关柜之间的电气连接。
- 系统电压: 8.7/15kV\12/20kV。
- 持续额定电流: 630A\1250A。

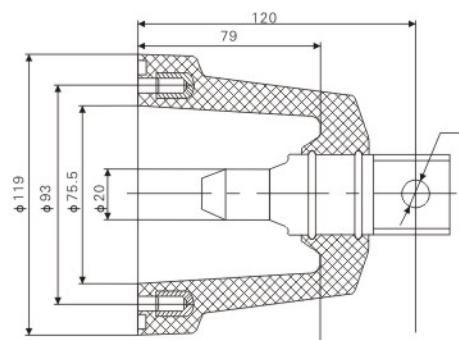


- By connecting with the cone insulator in the switch cabinet, the electrical connection between several switchgears can be realized.
- System voltage: 8.7 / 15kV \ 12 / 20kV.
- Continuous rated current: 630A \ 1250A.

特性 Characteristic

- 与适合的内锥绝缘子配合时, 可提供全屏蔽和全密封可分离连接。
- 母线连接采用大电流弹性触指设计, 可满足开关柜额定及短路耐受电流。
- 特殊结构设计, 可防止局部放电和保证绝缘特性。
- 无最小相间距离要求, 不受污染和凝漏的影响。
- 现场安装简便, 并柜安全可靠。
- When fitted with a suitable internal cone insulator, a fully shielded and fully hermetically separable connection is provided.
- Bus connection with high current flexible finger design, to meet the switchgear rated and short-circuit withstand current.
- Special structural design, to prevent partial discharge and to ensure the insulation properties.
- No minimum distance between the requirements, not affected by pollution and leakage of condensate.
- Site installation is simple, safe and reliable counter.

绝缘子配合尺寸



630A π 型可触摸前接头
630A π type touchable front connector

概述 General

π 型可触摸前接头应用于环网柜、电缆分支箱的主网系统或箱变的环网系统, 作为进出线电缆连接。可连接630A母线排, 亦可通过连接可触摸后接头进行多组合连接, 形成多回路。

π 型可触摸前接头额定电流630A, 适用于25-300mm²截面的XLPE电力电缆。

π Type touchable front connector is used in ring network before the ark, cable branch of the box or box become main system ring net system, as the in and out cable connections. Can be connected to 630A junction and through after s-hall touch joint combination to creating more connected circuit.

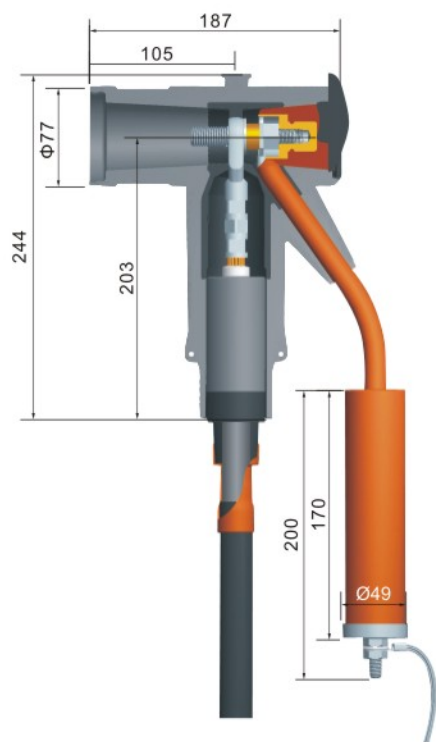
The rated current of π type touchable front connector is 630A, apply to 25-300mm² XLPE power cables of the section.

12kV电缆型号配置表 Order information

产品型号 Reference No.	多股线芯绞成同心的电缆截面积(mm ²) Conductor cross section(mm ²)	电缆绝缘层外径(mm) Stretch range over insulation(mm)	电缆型号 Cable Type	对应代号 Size of stress cone
SR π QJT-12/630-25	25	16.6	8.7/15	A
SR π QJT-12/630-35	35	17.6	8.7/15	A
SR π QJT-12/630-50	50	19	8.7/15	A
SR π QJT-12/630-70	70	20.6	8.7/15	B
SR π QJT-12/630-95	95	22.2	8.7/15	B
SR π QJT-12/630-120	120	23.6	8.7/15	C
SR π QJT-12/630-150	150	25.2	8.7/15	C
SR π QJT-12/630-185	185	26.7	8.7/15	D
SR π QJT-12/630-240	240	29	8.7/15	D
SR π QJT-12/630-300	300	31.2	8.7/15	E
SR π QJT-12/630-400	400	34.4	8.7/15	E
SR π QJT-12/630-500	500	37.2	8.7/15	F

24kV电缆型号配置表 Order information

产品型号 Reference No.	多股线芯绞成同心的电缆截面积(mm ²) Conductor cross section(mm ²)	电缆绝缘层外径(mm) Stretch range over insulation(mm)	电缆型号 Cable Type	对应代号 Size of stress cone
SR π QJT-24/630-35	35	18.6	12/20	B
SR π QJT-24/630-50	50	19.6	12/20	B
SR π QJT-24/630-70	70	21	12/20	B
SR π QJT-24/630-95	95	22.6	12/20	C
SR π QJT-24/630-120	120	24.2	12/20	C
SR π QJT-24/630-150	150	25.6	12/20	C
SR π QJT-24/630-185	185	27.2	12/20	D
SR π QJT-24/630-240	240	28.7	12/20	D
SR π QJT-24/630-300	300	31.1	12/20	E
SR π QJT-24/630-400	400	33.2	12/20	E



25kV电缆型号配置表 Order information

产品型号 Reference No.	多股线芯绞成 同心的电缆截 面积(mm ²) Conductor cross section(mm ²)	电缆绝缘层 外径(mm) Stretch range over insulation(mm)	电缆 型号 Cable Type	对应代号 Size of stress cone
SRπQJT-25/630-35	35	26	18/20	D
SRπQJT-25/630-50	50	26	18/20	D
SRπQJT-25/630-70	70	27.6	18/20	D
SRπQJT-25/630-95	95	29.2	18/20	D
SRπQJT-25/630-120	120	30.6	18/20	E
SRπQJT-25/630-150	150	32.2	18/20	E
SRπQJT-25/630-185	185	33.7	18/20	E
SRπQJT-25/630-240	240	36.1	18/20	F
SRπQJT-25/630-300	300	38.2	18/20	F

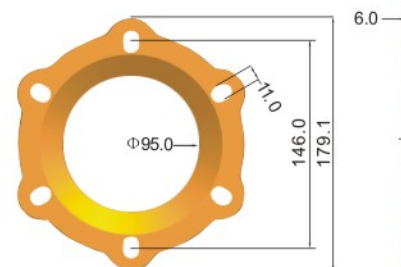
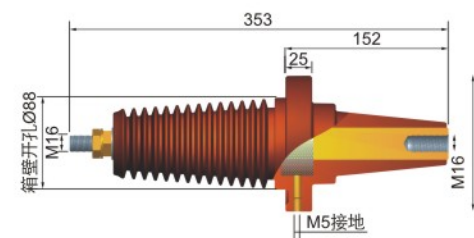
注：选型时以电缆外径为决定因素，导体截面为参考。

NOTE: The cable range is the basic element for choosing the product's type. The conductor size is just for a reference.

产品构造图 Illustrate Design Integrity



35kV 630A 套管座
35kV 630A Apparatus Bushing



欧式35kV套管座压板外形及安装尺寸图

概述 General

35kV 630A 套管座，为630A电缆接头提供接口，主要用于风能变电站。安装在箱变的一侧和高压绕组连接，安装在户外环网柜上做630A出线侧。与屏蔽型螺栓式电缆接头连接。

其材料为一种环氧树脂，具有良好的机械和电气性能。

35kV 630A Apparatus Bushing are designed for European type Cable Branch Cabinet, Power Surrounding Supply Cabinet, Used in European type cable branch cabinet connecting with high voltage and wind power substation. These bushings can connect with the dead break cable connector. These bushing are made by Epoxy Resin with good mechanical and electrical properties.

电气性能 Ratings Overview

电压特性 Continuous Voltage Ratings

主要参数 Description	Parameters (kV)
额定电压 Continuous operating voltage	35
最大相间电压 Maximum Rating Phase-to-Phase	40.5
最大相对地电压 Maximum Rating Phase-to-ground	26
5分钟工频耐压 AC withstand voltage, 5min	117
15分钟直流耐压 DC withstand voltage, 15min	104
雷电冲击耐压 Impulse withstand voltage	200
最低电晕起始电压 Minimum Corona Voltage Level	26

电流特性 Current Rating

电流特征 Current Rating	A
额定电流 Continuous nominal current	630 A
24小时过负荷 24 hours overload	1,000 A
短时耐受电流 Dynamic short circuit	27kA/4s
	40kA/0.2s

标准包装 Scope of Delivery

- 套管座
- 安装法兰
- 安装指导说明书
- 产品合格证
- Deadbreak rotatable feedthru bushing
- Flange
- Installation instruction sheet
- Quality certificate

订货信息 Order Information

产品名称 Description	订货编号 Reference No.
35kV 630A 欧式套管座 Apparatus Bushing	SR TGZS-36/630

定货编号说明 Inference Information

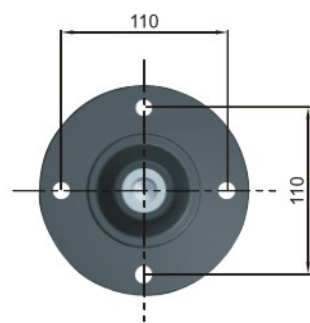




35kV 630A 对接套管
35kV 630A Two-Side Bushing



图一：外形尺寸图
Figure 1: Dimensions



图二：产品构造图
Figure 2: Illustrate Design Integrity

概述 General

35kV 630A 对接套管用于35kV电缆分接箱为35kV T型电缆接头提供中间连接。

35kV 630A Two-Side Bushing are used to connect two or more 630A dead break terminators. Two-Side Bushing are typically used in a separable splice, or with a bushing extender, to increase the distance from the apparatus front plate to the 600A terminator, easing cable training. The Two-Side Bushing maintaining full interchangeability with all manufacturers' mating component items, and make sure it have been grounding.

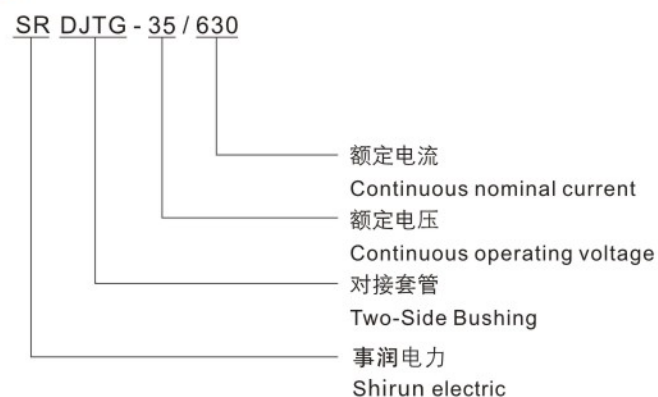
标准包装 Scope of Delivery

- 对接套管本体
- 黑色防尘帽(非绝缘保护帽)
- 安装指导说明书
- 产品合格证
- Bushing Well
- Covering Cap
- Installation Instruction Sheet
- Quality certificate

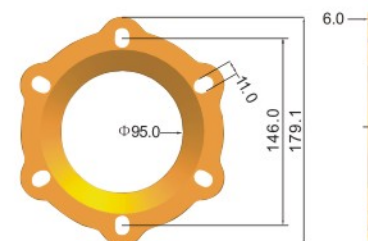
订货信息 Order Information

产品名称 Description	订货编号 Reference No.
630A 35kV 对接套管 Two-Side Bushing	SR DJTG-35/630

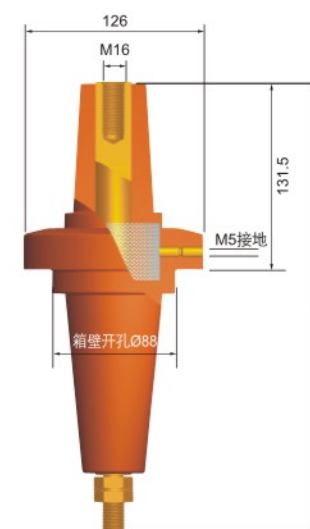
定货编号说明 Inference Information



35kV 630A 套管座
35kV 630A Bushing Well



套管座压板外形及安装尺寸图
Shape and Installation Dimension



外形尺寸图
Dimensions

概述 General

35kV 630A套管座, 为630A电缆接头提供接口, 主要用于美式箱变、户外环网开关柜等设备。安装在美式箱变的一侧和高压绕组连接, 安装在户外环网柜上做630A出线侧。与屏蔽型螺栓式电缆接头连接。

其材料为一种环氧树脂, 具有良好的机械和电气性能。

35kV 630A Apparatus Bushing are designed for European type Cable Branch Cabinet, Power Surrounding Supply Cabinet, Used in European type Cable Branch Cabint connecting with high voltage and wind power substation. These bushings can connect with the dead break cable connector. These bushing are made by Epoxy Resin with good mechanical and electrical properties.

标准包装 Scope of Delivery

- 套管座
- 黑色防尘帽(非绝缘保护帽)
- 产品合格证
- Bushing Well
- Covering Cap
- Quality certificate

订货信息 Order Information

产品名称 Description	订货编号 Reference No.
35kV 630A 套管座 Bushing Well	SR TGZ-35/630

定货编号说明 Inference Information





35kV 630A T型电缆接头
35kV 630A T Cable Connector

概述 General

35kV 630A T型电缆接头选用EPDM(三元乙丙橡胶)制成, 全绝缘, 全密封。用于高压地下电缆连接设备, 如风能变电站, 环网柜及电缆分接箱等, 其额定电流为630A, 可连接相关规格的电缆, 也可以在电缆上加装电缆型故障指示器, 能快速准确的查找故障点。

35kV 630A T Cable Connector provides a fully screened and fully submersible connection when mated with the proper bushing or plug. For connection of polymeric cable to transformers, switchgear, motors, and other equipment with a premoulded separable connector. Optional capacitive test point allows for an easy check of the circuit status or installation of a fault indicator. These 36kV 630A T Cable Connector are made by EPDM with the good quality.

电气性能 Ratings Overview

电流特性 Current Rating

电流特征 Current Rating	A
额定电流 Continuous nominal current	630 A
24小时过负荷 24 hours overload	1,000 A
短时耐受电流 Dynamic short circuit	27kA/3s 40kA/0.2s

电压特性 Continuous Voltage Ratings

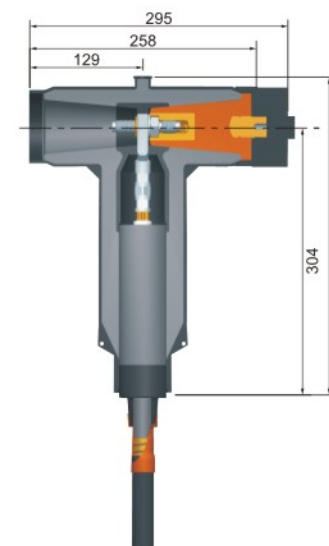
主要参数 Description	Parameters (kV)
额定电压 Continuous operating voltage	35
最大相间电压 Maximum Rating Phase-to-Phase	40.5
最大相对地电压 Maximum Rating Phase-to-ground	26
5分钟工频耐压 AC withstand voltage ,5min	117
15分钟直流耐压 DC withstand voltage ,15min	104
雷电冲击耐压 Impulse withstand voltage	200
最低电晕起始电压 Minimum Corona Voltage Level	26

标准包装 Scope of Delivery

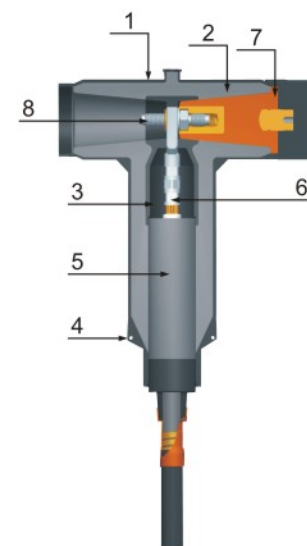
- T型电缆接头本体
- 绝缘子(含半导电封帽)
- 压接端子
- 应力锥
- 双头螺栓
- 清洁纸
- 硅脂
- 安装指导说明书
- 产品合格证
- T Cable Connector
- Insulation
- Conductor cable lug
- Adaptor
- Two head screw
- Clearing Paper
- Silicone Lubricant
- Installation Instruction Sheet
- Quality Certificate



产品应用示例
Application Example



图一：外形尺寸图
Figure 1: Dimensions



图二：产品构造图
Figure 2: Illustrate Design Integrity

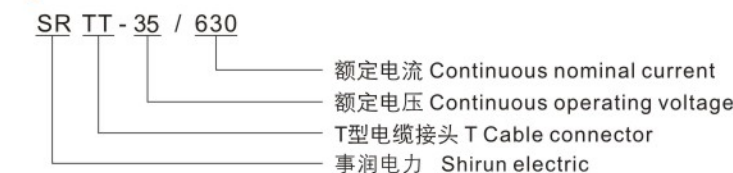
35kV订货信息 35kV Order Information

产品型号 Reference No.	多股线芯绞成同心的电缆截面积(mm ²) Conductor cross section(mm ²)	电缆绝缘层外径(mm) Stretch range over insulation(mm)	电缆型号 Cable Type	对应代号 Size of stress cone
SR TT-35/630-50	50	31	26/35	A
SR TT-35/630-70	70	32.6	26/35	B
SR TT-35/630-95	95	34.2	26/35	C
SR TT-35/630-120	120	35.6	26/35	C
SR TT-35/630-150	150	37.2	26/35	D
SR TT-35/630-185	185	38.7	26/35	E
SR TT-35/630-240	240	41.1	26/35	F
SR TT-35/630-300	300	43.2	26/35	G
SR TT-35/630-400	400	46.4	26/35	H
SR TT-35/630-500	500	49.2	26/35	I

注：选型时以电缆外径为决定因素，导体截面为参考。

NOTE: The cable range is the basic element for choosing the product's type. The conductor size is just for a reference.

订货编号说明 Inference Information



产品构造 Product Structure

- 外半导电层：预制的EPDM导电橡胶符合IEEE592标准。
 - 绝缘层：特有配方和混合技术确保预制EPDM绝缘橡胶的优质品质。
 - 内半导电层：预制的EPDM导电橡胶有效控制和分散电气应力。
 - 接地眼：预注到外半导电层中用于接地线的连接。
 - 应力锥：不同尺寸的应力锥配合T型电缆接头使用，能确保水密封以及电缆应力释放。
 - 压接端子：全铜或铜铝压接端子适用于铜或铝导体。
 - 绝缘子：环氧树脂绝缘子内含有带螺纹金属件可以确保与双头螺栓紧密配合。
 - 双头螺栓：不锈钢螺栓确保导体和套管紧密配合。
- SEMI-CONDUCTIVE SHIELD INSERT: Semi-conductive insert is molded of semi-conductive EPDM and controls electrical stresses at nose of mating load break product.
 - EPDM INSULATION: High quality sulfur cured EPDM insulation is mixed and formulated in-house for complete control of insulating rubber characteristics.
 - SEMI-CONDUCTIVE INSERT: Moulded EPDM conducting rubber screen controls electrical stress.
 - GROUNDING EYE: Moulded into the external screen for connection of an earthing wire.
 - STRESS RELIEF: The configuration of the outer screen and the cable adaptor provide cable stress relief.
 - CONDUCTOR CABLELUG: Aluminum compression connector is sized to ensure a cool running connector with maximum current transfer.
 - INSULATING PLUG: Molded epoxy insulating plug provides excellent electrical, thermal and mechanical reliability.
 - TWO HEAD SCREW: To make sure have a good contact with the apparatus bushing.



51/134 35kV 可触摸后接避雷器

51/134 35kV Can be followed by lightning arrester

应用 Application

35kV 可触摸后接避雷器能为电气设备风能变电站、电缆分接箱提供可靠的过电压保护。

35kV Can be followed by lightning arrester for electrical equipment, wind power substation, cable distribution box to provide a reliable over Voltage protection.

电气性能 Ratings Overview

名称 Description	单位 Unit	参数 Parameters
额定电压 Continuous operating voltage	kV	35
雷电冲击残压 Impulse withstand voltage	kVp	185
直流1mA参考电压 Rated voltage	kV	$73.0 \leq U_{1mA.DC} \leq 77.5$
0.75U _{1mA} 下直流漏电流 Residual current	μA	≤50
2ms方波冲击容量 Impulse 2ms	A	170/18次 times
绝缘外套工频电压 AC withstand voltage of insulation	kV	82
密封试验 Seal testing		合格 Qualified

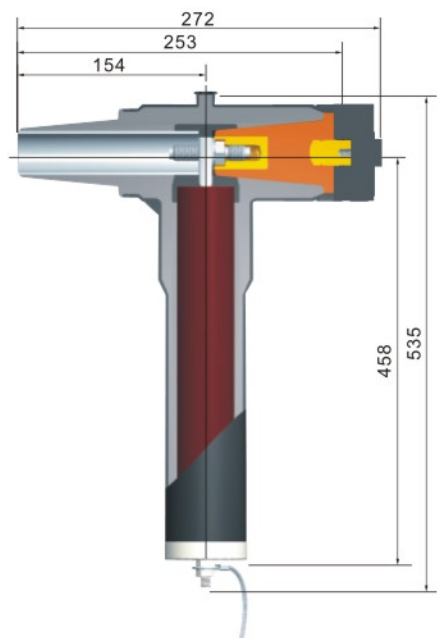
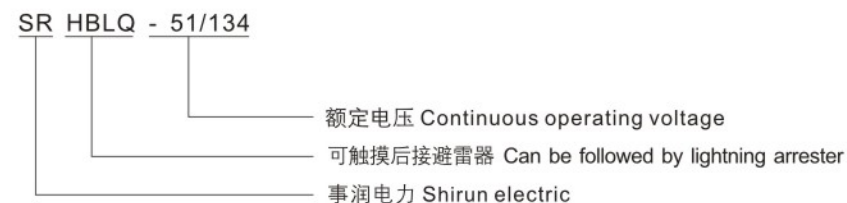
标准包装 Scope of Delivery

- 避雷器本体
- 导电杆组件
- 硅脂
- 清洁纸
- 安装指导说明书
- 产品合格证
- 检测报告
- T Surge arrester
- Threaded bolts
- Silicone Lubricant
- Clearing Paper
- Installation Instruction Sheet
- Quality Certificate
- Testing report

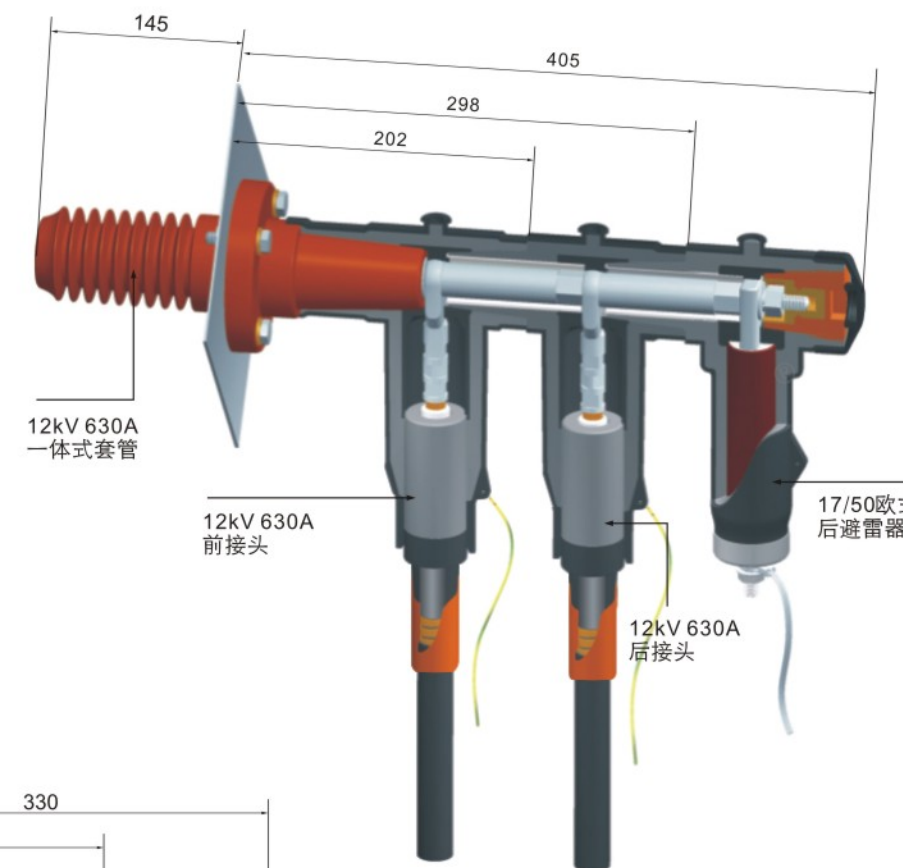
订货信息 Order Information

产品名称 Description	订货编号 Reference No.
35kV可触摸后接避雷器 Can be followed by lightning arrester	SR HBLQ-51/134

定货编号说明 Inference Information



产品外形尺寸构造图
Dimensions

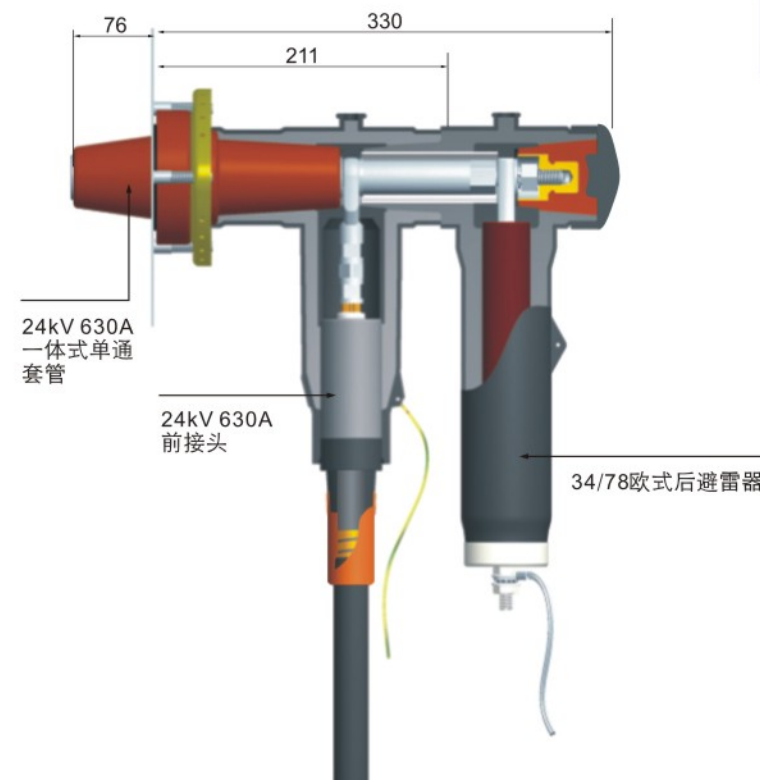


12kV 630A 一体式套管

12kV 630A 前接头

12kV 630A 后接头

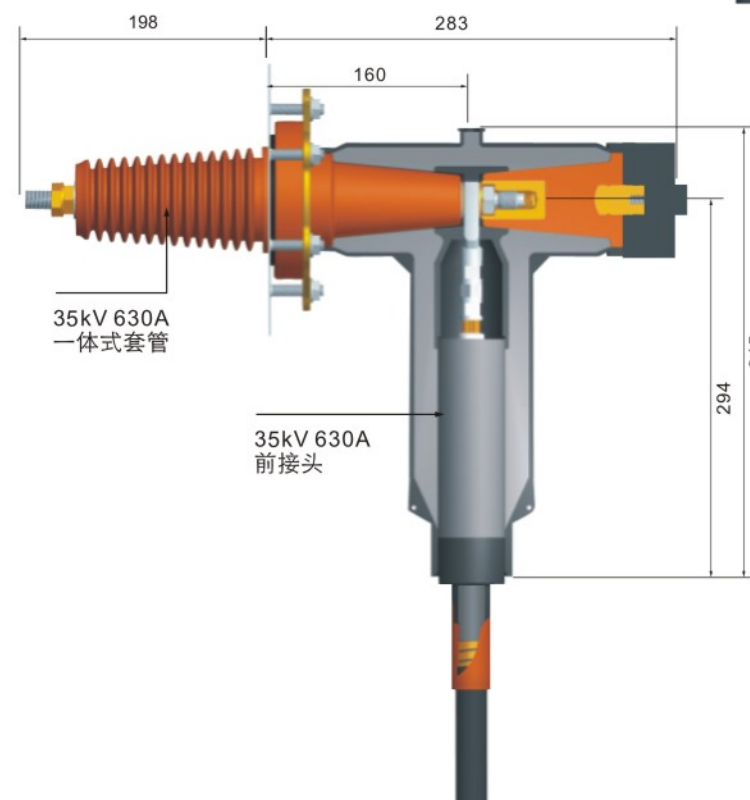
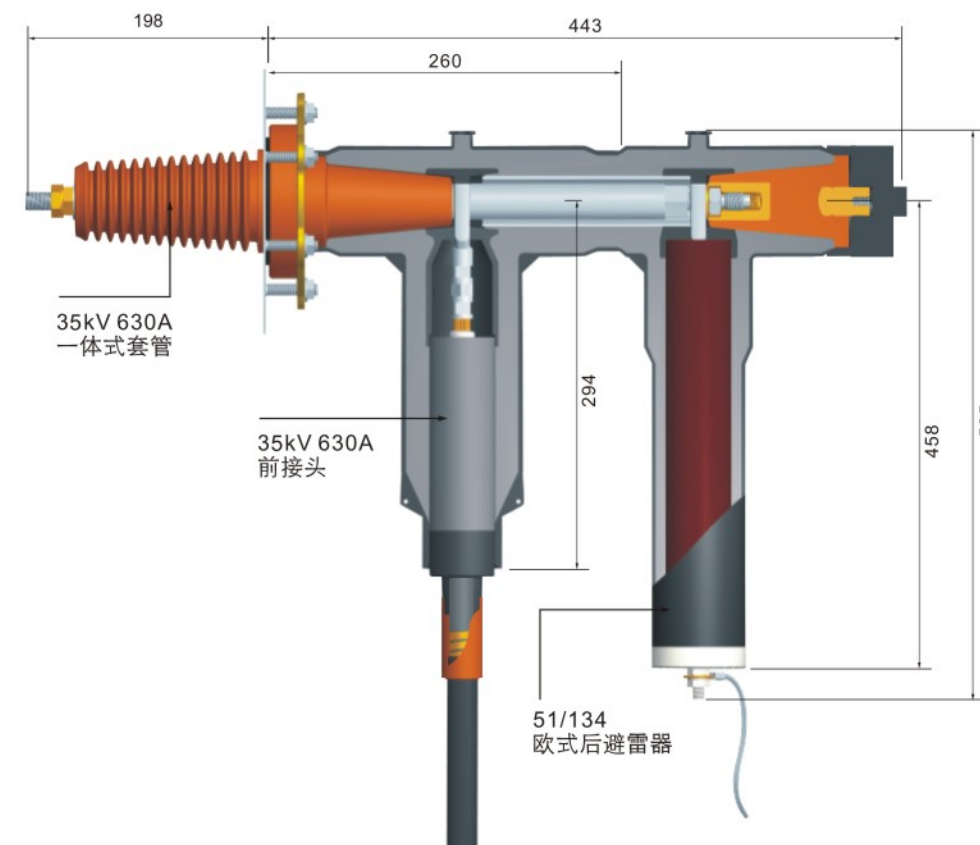
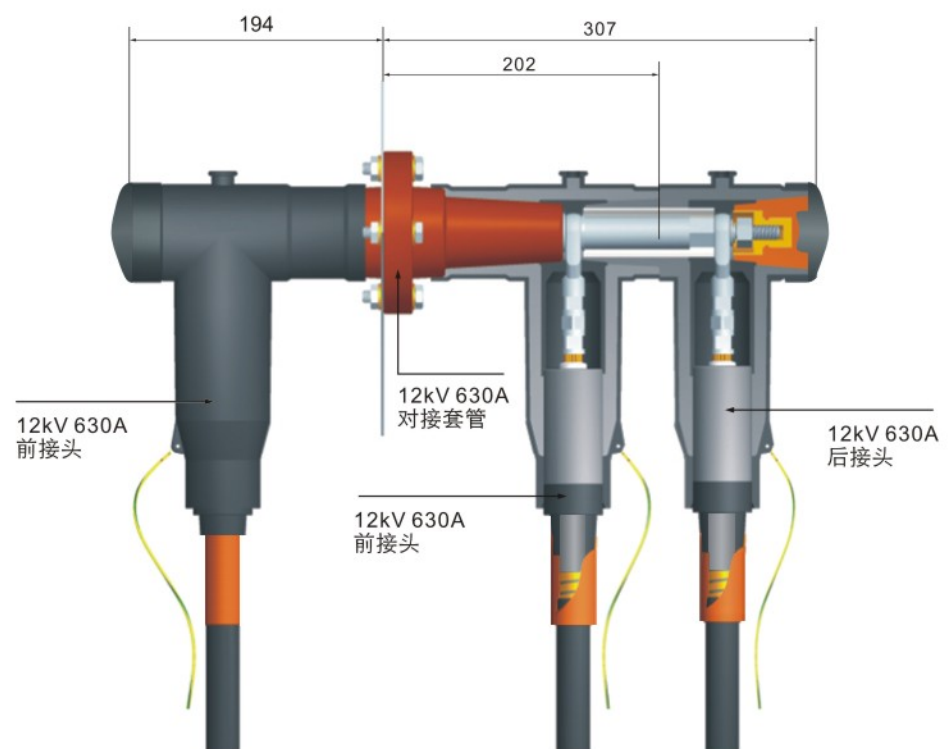
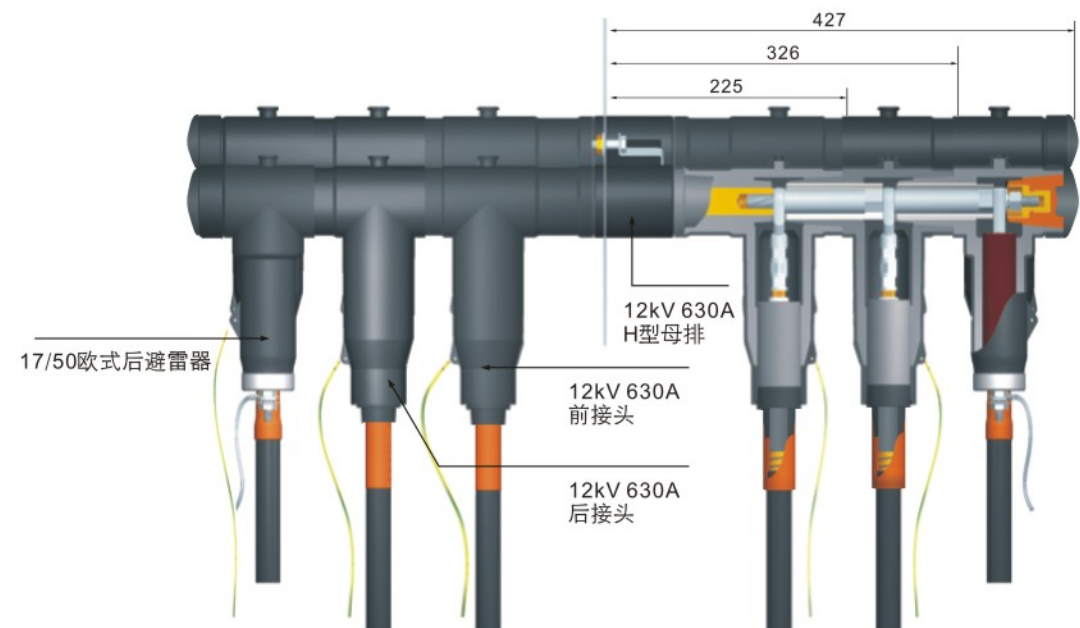
17/50欧式后避雷器

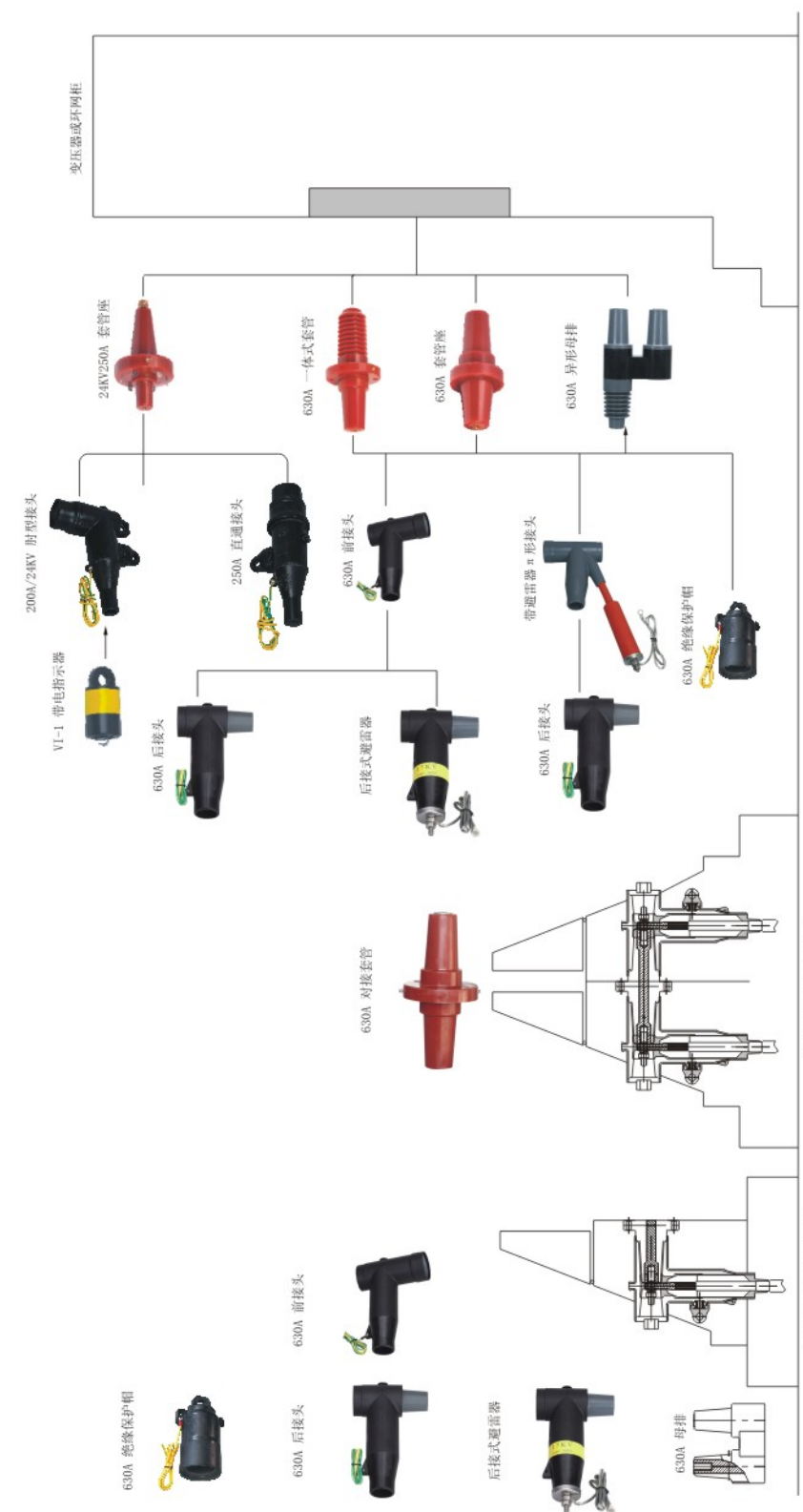
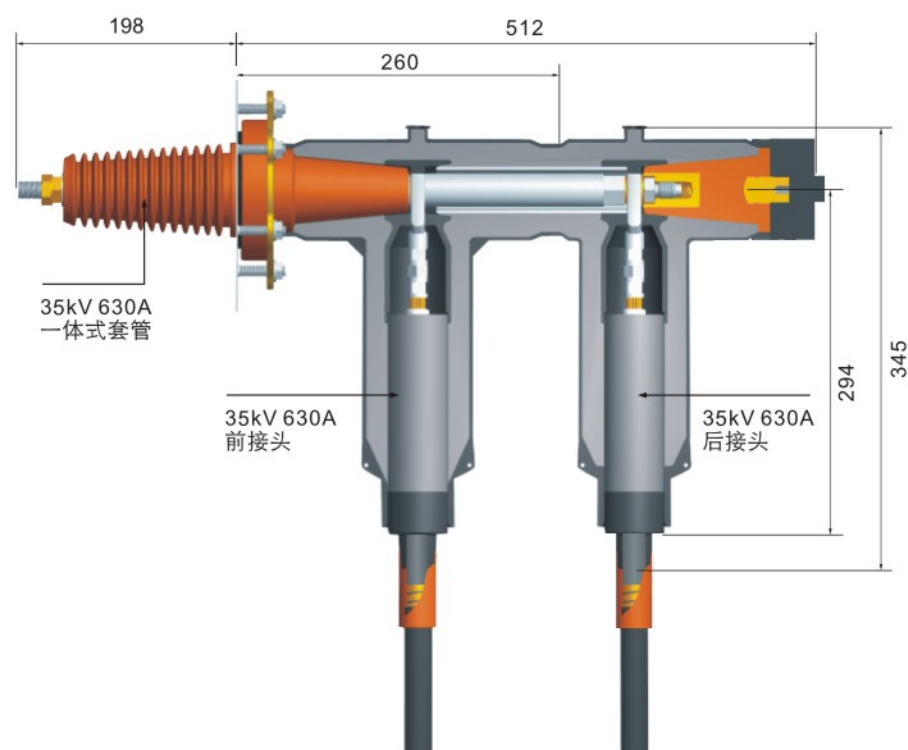
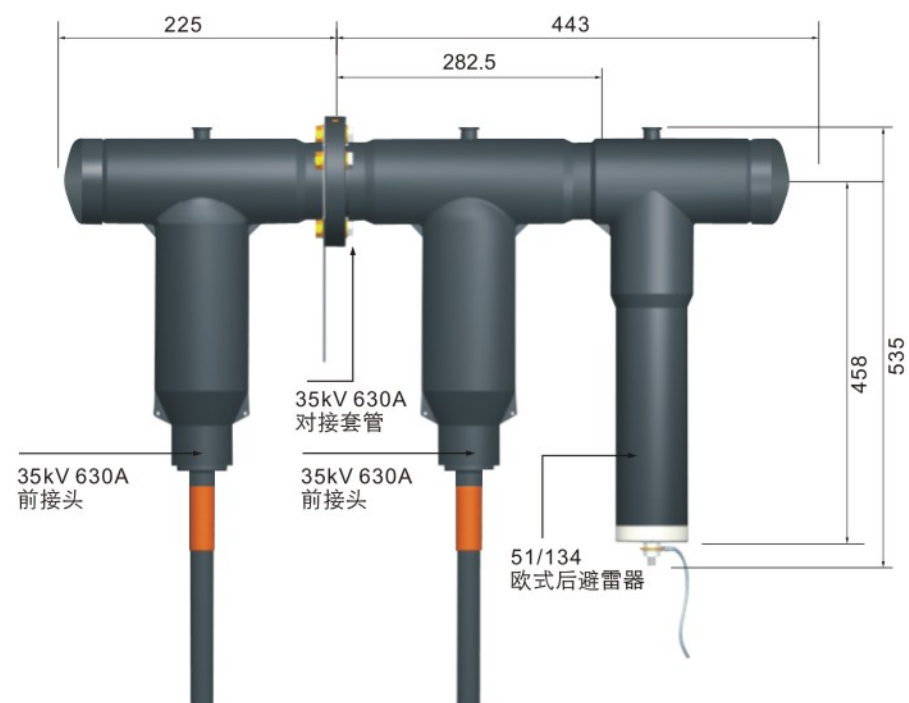


24kV 630A 一体式单通套管

24kV 630A 前接头

34/78欧式后避雷器





美式系列 EUROPEAN SERIES

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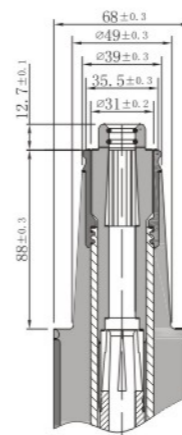


15kV/24kV 200A series
of cable accessories
15kV/24kV 200A系列电缆附件

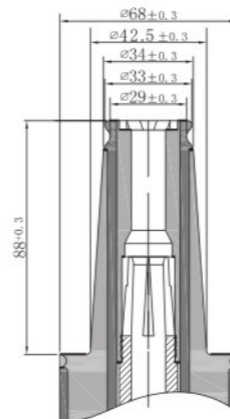
美式系列
AMERICAN SERIES

Shirun

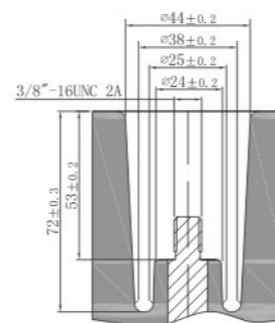
200A 系列电缆附件执行标准 美式系列
200A Series Cable Accessories Executive Standards



25kV 标准插拔接口符合IEEE386标准
25kV Interface Dimensions
According to IEEE386 (in mm)



15kV 标准插拔接口符合IEEE386标准
15kV Interface Dimensions
According to IEEE386 (in mm)



200A 标准设备接口符合IEEE386标准
200A Interface Dimensions
According to IEEE386 (in mm)

- ANSIIEEE std386-2006600V以上配电系统用可分离绝缘连接器系统;
- ANSIIEEE592-1990高压电缆接头和可分离绝缘连接器的外露半导体护套;
- IEC60502额定电压1kV(Um=1.2kV)以上至30kV(Um=35kV)挤出绝缘电力电缆及其附件;
- IEC61442额定电压6kV(Um=7.2kV)至30kV(Um=35kV)电力电缆附件试验方法;
- GB12706-2002额定电压1kV(Um=1.2kV)至35kV(Um=40.5kV)挤出绝缘电力电缆及其附件;
- GB311.1.1997高压输配电设备的绝缘配合;
- GB/T41.9-1999高压套管技术条件;
- GB11032-2010交流无间隙金属氧化避雷器;
- DIN47636-7-1990带有伸出锥体的电力电缆可分附件套, Um在35kV以下套管和可连接件装置尺寸。
- ANSIIEEE std386-2006600V above the distribution system with a separable insulated connector system;
- ANSI IEEE592-1990 Exposed semiconductor sheath for high voltage cable splices and separable insulated connectors;
- IEC60502 Extruded insulated power cables with rated voltages from 1 kV (Um = 1.2 kV) to 30 kV (Um = 35 kV) and annex;
- IEC61442 Test methods for accessories for power cables with rated voltages from 6kV (Um = 7.2kV) to 30kV (Um = 35kV);
- GB12706-2002 Rated voltage 1kV (Um = 1.2kV) to 35kV (Um = 40.5kV) Extruded insulated power cable and its annex;
- GB311.1.1997 high-voltage power transmission and distribution equipment with the insulation;
- GB / T41.9-1999 high-voltage casing technical conditions;
- GB11032-2010 AC free-gap metal oxide surge arresters;
- DIN47636-7-1990 Power cable with extension cone can be divided into sets of accessories, Um casing and can be divided into 35kV Dimensions of connector assemblies.

电压特性 Continuous voltage ratings

项目 Item	15kV参数 Parameter	25kV参数 Parameter	35kV参数 Parameter
额定电压 Continuous operating voltage	8.7kV/14.4kV	15.2kV/26.3kV	26kV/35kV
工频耐压 AC withstand voltage	42kV/1min	55kV/5min	117kV/5min
直流耐压 DC withstand voltage	53kV/15min	78kV/15min	104kV
雷电冲击耐压 1.5/50 μs Impulse with stand voltage	95kV	125kV	215kV
局部放电电压<10PC Partial discharge voltage	13kV	22kV	45kV

电流性能 Current rating

项目 Item	200AMP	600AMP
负荷操作电流 Load operating current	可在14.4kV、200A下进行10次开断与闭合操作 Available in 14.4kV and 200A 10 times under breaking and closed operation	
故障闭合电流 Fault closed current	可在14.4kV、10000A/0.175s下通过1次故障闭合操作 Available in 14.4kV, 10000A/0.175 1 times by fault closed operation	
热稳定电流 Heat stable current	16kA 1s	30kA 2s
动稳定电流 Peak withstand current	40kA	105kA



15kV 200A 肘型电缆接头

15kV 200A Loadbreak Elbow Connector

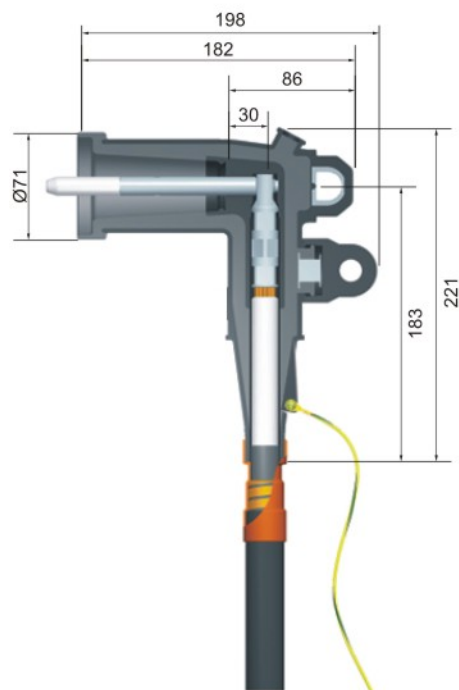
概述 General

15kV 200A插拔式电缆接头为全绝缘、全密封可带电触摸的插入式终端头，广泛应用于户外配电变压器，美式箱变，环网柜，电缆分支箱，地埋式变压器及其它电气设备的连接。安装在T-II型电缆头200A的出线侧、200A母排上及美式箱变的单通（或双通）套管接头和负荷转换接头等。测试点可安装带电显示器，以便查询设备带电状态，亦可满足线路核相要求。

其采用高品质的EPDM（三元乙丙橡胶）绝缘，导电杆连接头具有灭弧材料，因此可在带电状态下操作，但不能切断短路电流；可作为负荷开关开断200A的电流。适用于15kV电缆截面为35 mm²~150 mm²的交联聚乙烯电缆。

15kV 200A Load break Elbow Connector is a fully-shielded and insulated plug-in termination for connecting underground cable to distribution power system of pad-mound transformer, surrounding power supply branch box, cable branch box equipped with load break bushings. The elbow connector and bushing insert comprise the essential components of all load break connections. It can meet the demand of lines in nuclear.

The Load break Elbows are molded using high quality sulfur-cured insulation and semi-conducting EPDM rubber. Standard features include a coppertop connector, tin-plated copper load break probe with an ablative arc-follower tip and stainless steel reinforced pulling-eye. An optional capacitive test point, made of corrosion resistant plastic, is available for Use with fault indicators. The available conductor cross section is 35-150mm² for 15kV cable. The conductive pole W/ARC extinguishes function.



图一：外形尺寸图

Figure 1: Dimensions

订货信息 Order Information

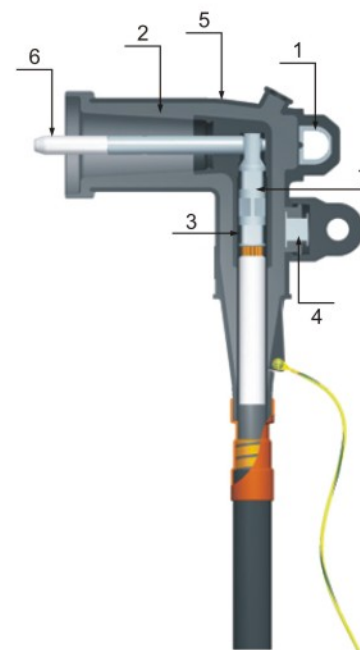
订货编号 Reference No.	多股线芯绞成同心的 电缆截面积(mm ²) Conductor cross section (mm ²)	电缆绝缘层外径(mm) Stretch range over insulation (mm)	对应代号 Corresponding Code
SR ZT-15/200-35	35	16.3-19.9	A
SR ZT-15/200-50	50	16.3-19.9	A
SR ZT-15/200-70	70	19.8-23.5	B
SR ZT-15/200-95	95	23.1-27.1	C
SR ZT-15/200-120	120	23.1-27.1	C
SR ZT-15/200-150	150	23.1-27.1	C

注：选型时以电缆绝缘外径为决定因素，导体截面作为参考。

Note: The cable range is the basic element for choosing the product's type. The conductor size is just for a reference.

标准包装 Scope of Delivery

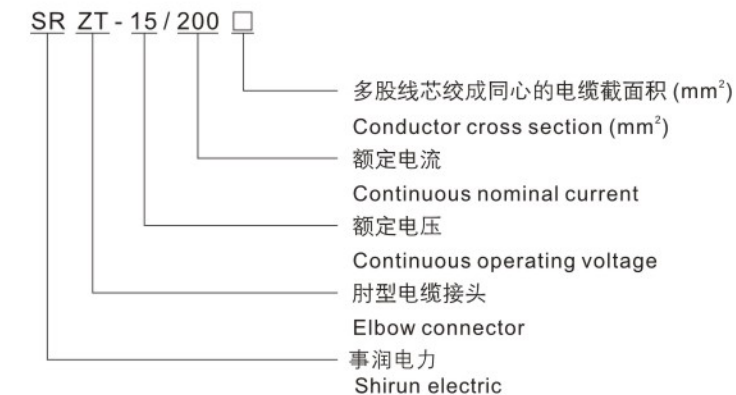
- 电缆接头、测试点帽、接地线、标志环
- 插拔杆
- 刀型扳手
- 清洁纸
- 硅脂
- 压接端子
- 安装指导说明书
- 产品合格证
- Elbow connector, test point cap, grounding wire, loadbreak brand
- Loadbreak probe
- Probe installation tool
- Clearing paper
- Silicone lubricant
- Conductor cable lug
- Installation instruction sheet
- Quality certificate



图二：产品构造图

Figure 2: Illustrate Design Integrity

定货编号说明 Inference Information

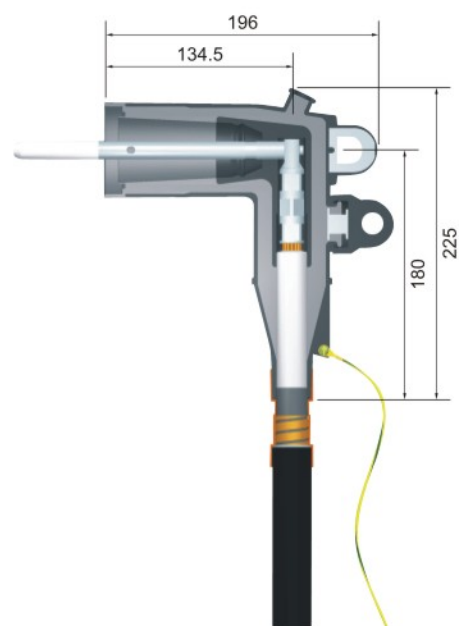


产品构造 Product Structure

- 1、操作环：一体模铸的不锈钢操作环带有弹簧夹固定点；
 - 2、绝缘层：特有的配方和混合技术确保预制EPDM绝缘橡胶的优质品质；
 - 3、内半导体层：预制的EPDM导电橡胶有效的控制电气应力；
 - 4、电压测试点：用于测试线路是否带电需要和带电指示器配合；
 - 5、外半导体层：预制的EPDM导电橡胶与电缆屏蔽的配合实现屏蔽连续，并确保外半导体层处于接地状态；
 - 6、消弧插入棒：镀锡铜质导电棒带有消弧功能，用随箱提供的刀形扳手将其拧进导电连接器中；
 - 7、压接端子：根据电缆材质的不同，选择铜质压接端子或铜铝压接端子。
- 1、PULLINGEYE: Stainless steel reinforced for positive shotgun stick switching operations.
 - 2、INSULATION: High-quality EPDM rubber formulated, mixed, and milled in-house for consistent and reliable field performance.
 - 3、SEMI-CONDUCTIVE INSERT: High-quality EPDM rubber creates a smooth surface around the "current interchange" to evenly distribute electrical stress within the insulation.
 - 4、TEST POINT(OPTIONAL): Corrosion-resistan, conductive electrode provides consistent capacitive voltage for application of fault indicators and determining a circuit's state(cap not shown)
 - 5、SEMI-CONDUCTIVE SHIELD: High-quality EPDM rubber provides protective dead front shield that meets requirements of IEEE Standard 592.
 - 6、LOADBREAK PROBE: Tin-plated copper probe with arc-ablative tip(arc follower)
 - 7、CONDUCTOR CABLE LUG: Inertia-welded aluminum barrel and threaded copper lug makes crimping easy and ensures a tight, reliable electrical connection with load break probe. Standard IEEE and CSA types available.



SR ZT-25/200A 肘型电缆接头
Loadbreak Elbow Connector



图一：外形尺寸图
Figure 1: Dimensions

概述 General

25kV 200A插拔式电缆接头为全绝缘、全密封可带电触摸的插入式终端头，广泛应用于户外配电变压器，美式箱变，环网柜，电缆分支箱，地埋式变压器及其它电气设备的连接。安装在T-II型电缆头200A的出线侧、200A母排上及美式箱变的单通（或双通）套管接头和负荷转换接头等。测试点可安装带电显示器，以便查询设备带电状态亦可满足线路核相要求。

其采用高品质的EPDM（三元乙丙橡胶）绝缘，导电杆连接头具有灭弧材料，因此可在带电状态下操作，但不能切断短路电流；可作为负荷开关开断200A的电流。适用于25kV电缆截面为25 mm²~150 mm²的交联聚乙烯电缆。

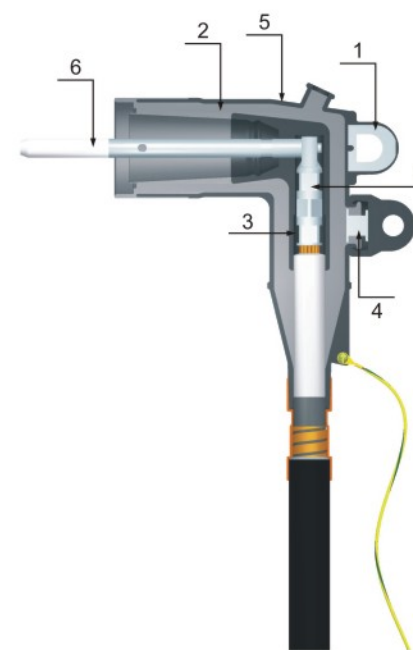
25kV 200A Loadbreak Elbow Connector is a fully-shielded and insulated plug-in termination for connecting underground cable to distribution power system of pad-mound transformer, surrounding power supply branch box, cable branch box equipped with loadbreak bushings. The elbow connector and bushing insert comprise the essential components of all loadbreak connections. It can meet the demand of lines in nuclear.

The Loadbreak Elbows are molded using high quality sulfur-cured insulation and semi-conducting EPDM rubber. Standard features include a coppertop connector, tin-plated copper loadbreak probe with an ablative arc-follower tip and stainless steel reinforced pulling-eye. An optional capacitive test point, made of corrosion resistant plastic, is available for Use with fault indicators. The available conductor cross section is 25-150mm² for 25kV cable. The conductive pole W/ARC extinguishes function.

25kV订货信息 25kV Order Information

产品型号 Reference No.	多股线芯绞成同心的 电缆截面积(mm ²) Conductor cross section (mm ²)	电缆绝缘 层外径(mm) Stretch range over insulation (mm)	电缆 型号 Cable Type	对应 代号 Corresponding Code
SR ZT-25/200-50	50	23.1-27.1	18/20	F
SR ZT-25/200-70	70	27.6-30.6	18/20	H
SR ZT-25/200-95	95	27.6-30.6	18/20	H
SR ZT-25/200-120	120	30.6-31.6	18/20	J
SR ZT-25/200-150	150	30.6-31.6	618/20	J

注：选型时以电缆绝缘外径为决定因素，导体截面作为参考。
Note: The cable range is the basic element for choosing the product's type. The conductor size is just for a reference.



图二：产品构造图
Figure 2: Illustrate Design Integrity

标准包装 Scope of Delivery

- 电缆接头、测试点帽、接地线
- 插拔杆
- 刀型扳手
- 清洁纸
- 硅脂
- 压接端子
- 安装指导说明书
- 产品合格证
- Elbow connector, test point cap, grounding wire
- Loadbreak probe
- Probe installation tool
- Clearing paper
- Silicone lubricant
- Conductor cable lug
- Installation instruction sheet
- Quality certificate

定货编号说明 Inference Information



产品构造 Product Structure

- 1、操作环：一体铸造的不锈钢操作环带有弹簧夹固定点；
- 2、绝缘层：特有的配方和混合技术确保预制EPDM绝缘橡胶的优质品质；
- 3、内半导体层：预制的EPDM导电橡胶有效的控制电气应力；
- 4、电压测试点：用于测试线路是否带电需要和带电指示器配合；
- 5、外半导体层：预制的EPDM导电橡胶与电缆屏蔽的配合实现屏蔽连续，并确保外半导体层处于接地状态；
- 6、消弧插入棒：镀锡铜质导电棒带有消弧功能，用随箱提供的刀形扳手将其拧进导电连接器中；
- 7、压接端子：根据电缆材质的不同，选择铜质压接端子或铜铝压接端子。

- 1、PULLING EYE: Stainless steel reinforced for positive shotgun stick switching operations.
- 2、INSULATION: High-quality EPDM rubber formulated, mixed, and milled in-house for consistent and reliable field performance.
- 3、SEMI-CONDUCTIVE INSERT: High-quality EPDM rubber creates a smooth surface around the "current interchange" to evenly distribute electrical stress within the insulation.
- 4、TEST POINT (OPTIONAL): Corrosion-resistant, conductive electrode provides consistent capacitive voltage for application of fault indicators and determining a circuit's state (cap not shown).
- 5、SEMI-CONDUCTIVE SHIELD: High-quality EPDM rubber provides protective dead front shield that meets requirements of IEEE Standard 592.
- 6、LOADBREAK PROBE: Tin-plated copper probe with arc-ablative tip (arc follower).
- 7、CONDUCTOR CABLE LUG: Inertia-welded aluminum barrel and threaded copper lug makes crimping easy and ensures a tight, reliable electrical connection with load break probe. Standard IEEE and CSA types available.



SR AZT-15/200A 肘型接头
SR AZT-15/200A Elbow Connector

概述 General

肘型接头用于为电动操作机构提供操作电源或计量保护用的JDZ12A-10R互感器高压侧的全绝缘、全屏蔽、全密封联接，适用电缆截面35-120mm²。

为全绝缘、全屏蔽、全密封产品插拔连接非常简单，有可靠的防松脱装置。

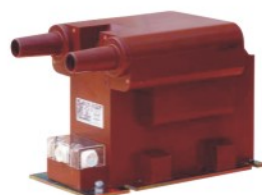
适用于15kV电缆截面为35-50mm²的交联聚乙烯电缆。

Elbow Connector is a fully-shielded and insulated plug-in termination for connection underground cable to distribution power system of pad-mound transformer, surrounding power supply branch box, cable branch box equipped with load break bushings. The elbow connector and bushing insert comprise the essential components of all load break connections. It can mate with 200A Bushing insert and 200A jack of T-II Connector, 200A Junction, load break bushing insert (Load break rotatable feedthru insert), apparatus bushing and 600A/200A bushing extender. It can operating switch of 200A loading current. The test point is used to connect Hot Voltage Indicator. The Load break Elbows are molded using high quality sulfur-cured insulating and semi-conducting EPDM rubber.

The available conductor cross section is 35-50mm² for 15kv cable. The conductive pole W/ARc extinguishes function.

标准包装 Scope of Delivery

- 电缆接头
- 测试点盖
- 接地线
- 标志环
- 熔断器
- 清洁巾
- 硅脂
- 压接端子
- 安装指导说明书
- 合格证
- Elbow connector
- Test point cap
- Grounding wire
- Loadbreak brand
- Fuse
- Clearing paper
- Silicone lubricant
- Conductor cable lug
- Installation instruction sheet
- Quality certificate



JDZ12A-10R 电压互感器
JDZ12A-10R Voltage transformer

订货信息 Order Information

产品名称 Description	订货编号 Reference No.	额定电压 Continuous operating voltage	额定电流 Continuous nominal current
15/200PT肘型接头 Elbow joint	SR AZT-15/200A	15kV	200A

定货编号说明 Inference Information



JSZV16-10、6R 型电压互感器
JSZV16-10、6R Voltage transformer



15kV 200A 单通套管接头
15kV 200A Bushing Insert

概述 General

15kV 200A单通套管接头，与套管座配合提供了与一体式套管接头相同的功能，与肘型接头配合是可插拔连接系统中最基本的组成部分，主要用于美式箱变、户外环网柜的高压电气连接。单通套管接头与套管座配合使用使得现场安装与更换成为可能。

单通套管的内六角使安装更为方便，其中配合使用安装工具，可以将套管紧密安装至套管座而避免任何潜在的损坏。

产品的黄色定位圈能够很直接的反应出肘型接头是否安装到位。

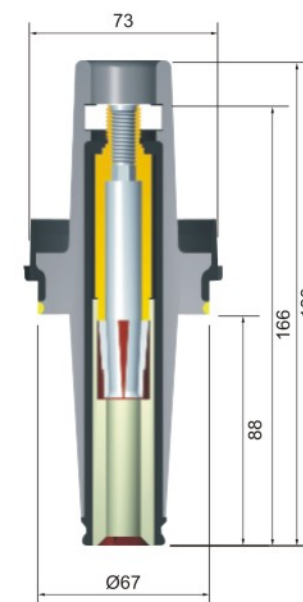
其采用高品质的EPDM（三元乙丙橡胶）绝缘，单通套管内部先进的设计确保在与肘型接头断开时能正常灭弧。

15kV 200A Bushing insert threads into a universal bushing well to provide the same function as an integral load break bushing. Using bushing inserts makes field installation and replacement possible and efficient. Bushing inserts and elbow connectors comprise the essential components of all load break connections. The bushing insert uses a patented wholly current path, containing only one current transfer point, within the insert itself. The uncomplicated nature of the current path design delivers superior, reliable performance.

An internal broach allows for positive torque controlled installation. Using the optional installation torque tool the bushing insert can be properly tightened into the bushing well without the fear of accidentally breaking the bushing well stud. Power exclusive latch indicator ring, located on the circumference of the bushing's collar, eliminates the guesswork of load break elbow installation of the bushing insert.

The bright yellow ring provides immediate feedback to determine if the elbow is properly installed on the insert.

The Bushing Insert are molded using high quality sulfur-sured insulation and semi-conduction EPDM rubber. When mated with a comparably rated component, the bushing insert provides a fully shielded and submersible connection for load break operation.



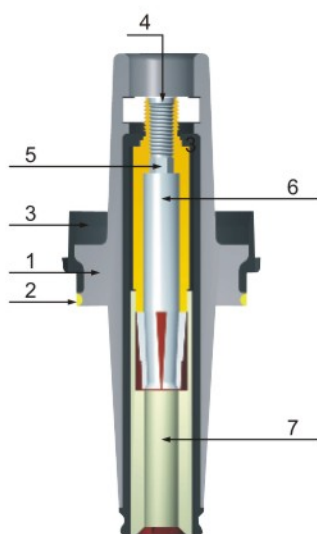
图一：外形尺寸图
Figure 1: Dimensions

订货信息 Order Information

产品名称 Description	订货编号 Reference No.	额定电压 Continuous operating voltage	额定电流 Continuous nominal current
200A 15kV单通套管接头 Bushing Insert	SR DTT-15/200	15kV	200A

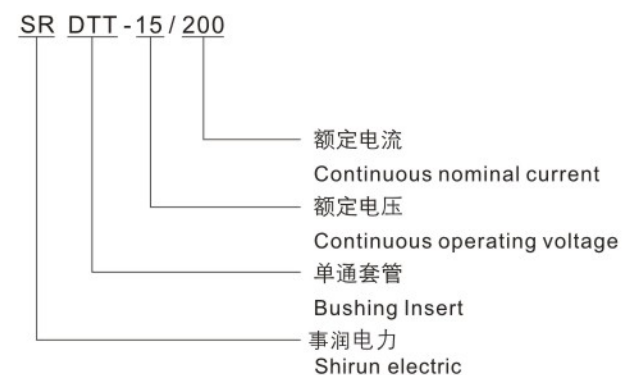
标准包装 Scope of Delivery

- 单通套管接头
- 清洁纸
- 硅脂
- 红色防尘帽（非绝缘保护帽）
- 安装指导说明书
- 产品合格证
- Bushing insert
- Clearing paper
- Silicone lubricant
- Covering cap
- Installation instruc
- Quality certificate



图二：产品构造图
Figure 2: Illustrate Design Integrity

定货编号说明 Inference Information

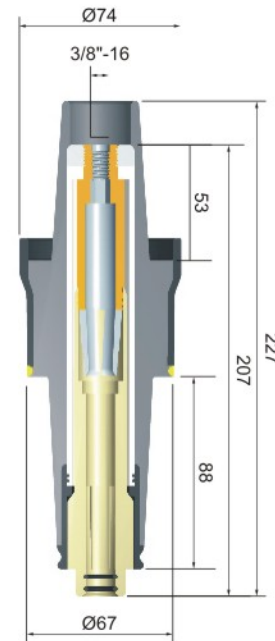


产品构造 Product Structure

- 1、绝缘层：特有的配方和混合技术确保预制EPDM绝缘橡胶的优质品质；
 - 2、黄色定位圈：用以指示安装是否到位；
 - 3、外半导体层：预制的EPDM导电橡胶与电缆屏蔽的配合实现屏蔽连续，并确保外半导体层处于接地状态；
 - 4、带螺纹底座：3/8" -16 UNC螺纹可以保证套管座安全连接到单通套管上；
 - 5、内六角：与内六角扳手配合使用，方便安装；
 - 6、铜质接头：由导电性能良好的材质制成；
 - 7、消弧室：有效消除电缆接头插拔操作时产生的电弧，保证设备安全运行。
- 1、INSULATION: High quality, peroxide-cured EPDM rubber formulated, mixed and molded in-house for consistent and reliable field performance.
 - 2、LATCH INDICATOR RING: Molded-in bright yellow ring eliminates elbow installation guesswork by assuring a quality connection.
 - 3、SEMI-CONDUCTIVE SHIELD: High quality EPDM rubber provides protective dead front shield that make sure they have grounding
 - 4、THREADED BASE: 3/8"-16 UNC Copper threads provide connection to bushing well stud.
 - 5、HEX BROACH: 5/16" hex broach permits consistent installation with torque tool.
 - 6、INTEGRAL PISTON-CONTACT: One-piece copper component provides a multi-point, knurled current transfer to the contact holder, During a " fault-close" switching operation, the piston is forced quickly forward to engage the elbow's load break probe.
 - 7、ARC SNUFFER ASSEMBLY: Arc-ablative plastic produces arc extinguishing gas during load break switching operations.



24kV 200A 单通套管接头
24kV 200A Single-pass casing joints



图一：外形尺寸图
Figure 1: Dimensions

概述 General

24kV 200A单通套管接头，与套管座配合提供了与一体式套管接头相同的功能，与肘型接头配合是可插拔连接系统中最基本的组成部分，主要用于美式箱变、户外环网柜的高压电气连接。单通套管接头与套管座配合使用使得现场安装与更换成为可能。单通套管的内六角使安装更为方便，其中配合使用安装工具，可以将套管紧密安装至套管座而避免任何潜在的损坏。产品的黄色定位圈能够很直接的反应出肘型接头是否安装到位。其采用高品质的EPDM（三元乙丙橡胶）绝缘，单通套管内部先进的设计确保在与肘型接头断开时能正常灭弧。

24kV 200A Single-pass casing joints threads into a universal bushing well to provide the same function as an integral load break bushing. Using bushing inserts makes field installation and replacement possible and efficient. Bushing inserts and elbow connectors comprise the essential components of all load break connections. The bushing Insert uses a patented wholly current path, containing only one current transfer point, within the insert itself. The uncomplicated nature of the current path design delivers superior, reliable performance.

An internal broach allows for positive torque controlled installation. Using the optional installation torque tool the bushing insert can be properly tightened into the bushing well without the fear of accidentally breaking the bushing well stud. Power exclusive latch indicator ring, located on the circumference of the bushing's collar, eliminates the guesswork of load break elbow installation of the bushing insert.

The bright yellow ring provides immediate feedback to determine if the elbow is properly installed on the insert.

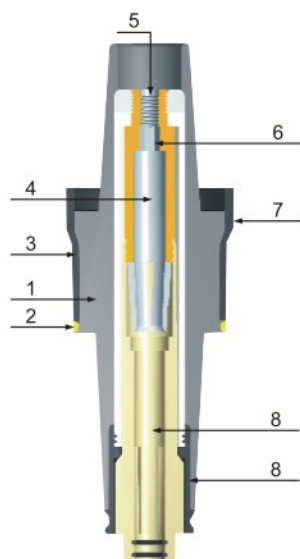
The Single-pass casing joints are molded using high quality sulfur-cured insulation and semi-conduction EPDM rubber. When mated with a comparably rated component, the bushing insert provides a fully shielded and submersible connection for load break operation.

订货信息 Order Information

产品名称 Description	订货编号 Reference No.	额定电压 Continuous operating voltage	额定电流 Continuous nominal current
24kV 200A 单通套管接头 Single-pass casing joints	SR DTT-24/200	24kV	200A

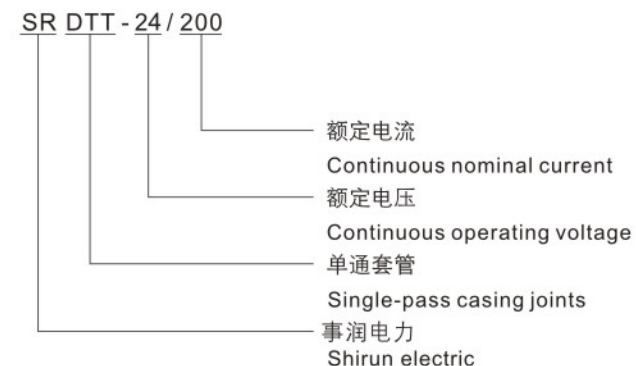
标准包装 Scope of Delivery

- 单通套管接头
- 清洁纸
- 硅脂
- 红色防尘帽（非绝缘保护帽）
- 安装指导说明书
- 产品合格证
- Bushing insert
- Clearing paper
- Silicone lubricant
- Covering cap
- Installation instruction sheet
- Quality certificate



图二：产品构造图
Figure 2: Illustrate Design Integrity

定货编号说明 Inference Information



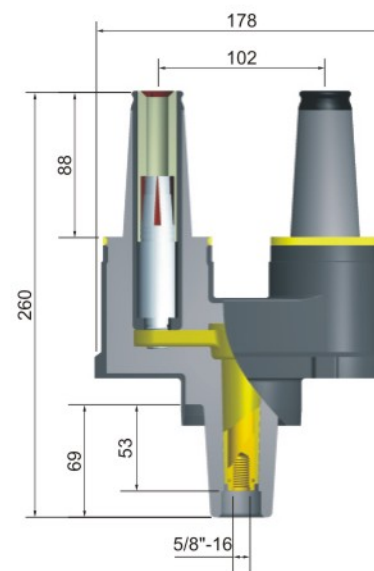
产品构造 Product Structure

- 1、绝缘层：特有的配方和混合技术确保预制EPDM绝缘橡胶的优质品质；
- 2、黄色定位圈：用以指示安装是否到位；
- 3、外半导电层：预制的EPDM导电橡胶与电缆屏蔽的配合实现屏蔽连续，并确保外半导电层处于接地状态；
- 4、导体：铜质部件把电流从铜质接头连接到设备上；
- 5、带螺纹底座：3/8" -16 UNC螺纹可以保证套管座安全连接到单通套管上；
- 6、内六角：与内六角扳手配合使用，方便安装；
- 7、接地眼：预注到外半导电层中用于接地线的连接；
- 8、消弧室：有效消除电缆接头插拔操作时产生的电弧，保证设备安全运行；
- 9、内半导电层：预制的EPDM导电橡胶有效的控制电气应力。

- 1、INSULATION: High quality, peroxide-cured EPDM rubber formulated, mixed and molded in-house for consistent and reliable field performance.
- 2、LATCH INDICATOR RING: Molded-in bright yellow ring eliminates elbow installation guesswork by assuring a quality connection.
- 3、SEMI-CONDUCTIVE SHIELD: High quality EPDM rubber provides protective dead front shield that make sure they have grounding
- 4、CONTACT HOLDER: Copper component transfers current from piston-contact to bushing well stud.
- 5、THREADED BASE: 3/8"-16 UNC Copper threads provide connection to bushing well stud.
- 6、HEX BROACH: 5/16" hex broach permits consistent installation with torque tool.
- 7、GROUNDING EYE: Three tabs molded into a semi-conductive shield for the attachment of a ground wire to maintain dead front safety.
- 8、ARC SNUFFER ASSEMBLY: Arc-ablative plastic produces arc extinguishing gas during load break switching operations.
- 9、SEMI-CONDUCTIVE SHIELD INSERT: High High quality EPDM rubber provides mechanical strength and uniform electrical shielding.



15kV 200A 双通套管接头
15kV 200A Double-pass casing connector



图一：外形尺寸图
Figure 1: Dimensions

概述 General

15kV 200A双通套管接头，与套管座相连实现单路与双路的转换。其中一路与单通套管接头有相似的功能，另一路连接肘型避雷器（提高过压保护），或用于改变箱变的接线方式。

该产品主要用于美式箱变、户外环网开关柜等高压电气设备，与之相连常用的电缆附件有：肘型接头、肘型避雷器和套管座。

其采用高品质的EPDM橡胶绝缘，双通套管内部先进的结构设计确保与肘型接头断开时正常灭弧。

独特的防倒转设计保证双通套管接头旋转至合适的安装位置且不影响连接性能。

15kV 200A Double-pass casing connector is used to provide dual bushings from a single apparatus bushing well. It makes converting radial-feed transformers to feed thru transformers and adding in-line arrester protection both easy and practical. Its patented, built-in torque limiting ratchet prevents operators from accidentally breaking bushing well studs during installation.

The 200A Double-pass casing connector for connecting underground cable to distribution power system of pad-mound transformer, surrounding power supply branch box, using together with this is: load break elbow connector elbow surge arrester and apparatus bushing.

The Load break Elbows are molded using high quality sulfur-cured insulating and semi-conducting EPDM rubber, When mated with comparably rated products, the insert provides a fully shielded and submersible load break apparatus connection.

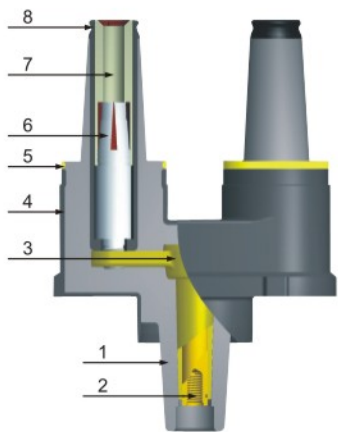
The Rotatable Feed thru Insert's latch indicator ring, located on the circumference of the bushing's collar, eliminates the guesswork of load break elbow installation on the bushing interface. The bright yellow ring provides immediate feedback to determine if the elbow is properly installed on the bushing. if the yellow ring is completely covered by the load break elbow, it is fully "latched," if the ring is visible, the elbow can be installed correctly before any problems can occur.

订货信息 Order Information

产品名称 Description	订货编号 Reference No.	额定电压 Continuous operating voltage	额定电流 Continuous nominal current
15kV双通套管接头	SR STT-15/200	15kV	200A

标准包装 Scope of Delivery

- 双通套管接头
- 防尘帽（非绝缘保护帽）
- 硅脂
- 清洁纸
- 不锈钢固定压板+M4螺杆+碟型螺母
- 安装指导说明书
- 产品合格证
- Double-pass casing connector
- Covering cap
- Silicone lubricant
- Clearing paper
- Stainless steel bail assembly + M4 Screw + Dished nut
- Installation instruction sheet
- Quality certificate



图二：产品构造图
Figure 2: Illustrate Design Integrity

定货编号说明 Inference Information



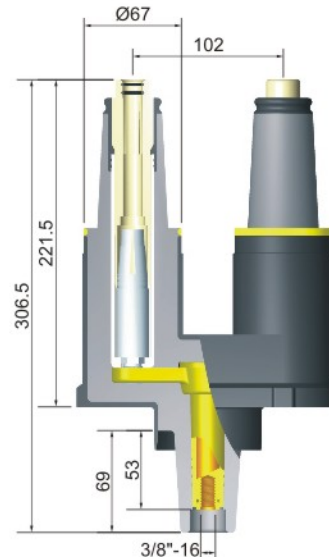
产品构造 Product Structure

- 1、绝缘层：高品质，特殊工艺处理的EPDM绝缘橡胶增强了产品的电气性能；
- 2、螺纹接口：3/8"-16螺纹；
- 3、力矩限位器：根据安装需要，可以360° 调整双通的方向；
- 4、外半导体层：预制EPDM导电橡胶符合IEEE592标准；
- 5、黄色定位圈：显示产品是否安装到位；
- 6、铜质接头：特殊工艺处理的铜质接头；
- 7、消弧室：电缆接头插拔操作时，有效的消除电弧对产品的影响；
- 8、锁槽：有高强度、耐高温的材料制成，使电缆接头稳固在双通上。

- 1、EPDM INSULATION; High-quality sulfur-cured EPDM insulation is mixed and formulated in-house for consistent and reliable field performance.
- 2、INTERFACE THREADS: 3/8-16 UNC Threads.
- 3、TORQUE-LIMITING RATCHET: Eliminates bushing well stud breakage and allows for 360° orientation.
- 4、SEMI-CONDUCTIVE SHIELD: Molded semi-conductive sulfur-cured EPDM shield meets requirements of IEEE Standard 592™.
- 5、LATCH INDICATOR RING: Molded-in bright yellow ring eliminates elbow installation guesswork by assuring a quality connection.
- 6、COPPER BUS BAR: Provides reliable all copper current path and ensures the coolest operating temperatures.
- 7、ARC SNUFER ASSEMBLY: Arc-ablative plastic produces arc extinguishing gas during load break switching operations.
- 8、LOCKING GROOVE: Nose piece locking groove is made of high strength, high temperature plastic that secures mating connector to feed thru in sert.



24kV 200A 双通套管接头
24kV 200A Double-pass casing connector



图一：外形尺寸图
Figure 1: Dimensions

概述 General

24kV 200A双通套管接头，与套管座相连实现单路与双路的转换。其中一路与单通套管接头有相似的功能，另一路连接肘型避雷器（提高过压保护），或用于改变箱变的接线方式。

该产品主要用于美式箱变、户外环网开关柜等高压电气设备，与之相连常用的电缆附件有：肘型接头、肘型避雷器和套管座。

其采用高品质的EPDM橡胶绝缘，双通套管内部先进的结构设计确保与肘型接头断开时正常灭弧。

独特的防倒转设计保证双通套管接头旋转至合适的安装位置且不影响连接性能。

24kV 200A Double-pass casing connector is used to provide dual bushings from a single apparatus bushing well. It makes converting radial-feed transformers to feed thru transformers and adding in-line arrester protection both easy and practical. Its patented, built-in torque limiting ratchet prevents operators from accidentally breaking bushing well studs during installation.

The 200A Double-pass casing connector for connecting underground cable to distribution power system of pad-mound transformer, surrounding power supply branch box, using together with this is: load break elbow connector elbow surge arrester and apparatus bushing.

The Load break Elbows are molded using high quality sulfur-cured insulating and semi-conducting EPDM rubber, When mated with comparably rated products, the insert provides a fully shielded and submersible load break apparatus connection.

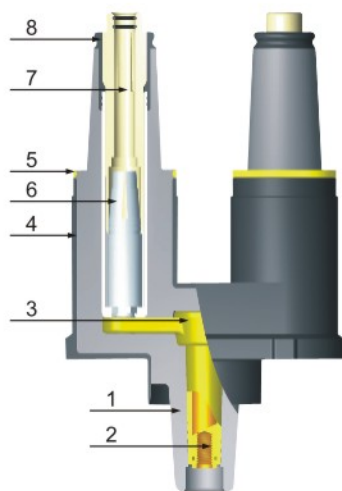
The Double-pass casing connector latch indicator ring, located on the circumference of the bushing's collar, eliminates the guesswork of load break elbow installation on the bushing interface. The bright yellow ring provides immediate feedback to determine if the elbow is properly installed on the bushing. if the yellow ring is completely covered by the load break elbow, it is fully "latched," if the ring is visible, the elbow can be installed correctly before any problems can occur.

订货信息 Order Information

产品名称 Description	订货编号 Reference No.	额定电压 Continuous operating voltage	额定电流 Continuous nominal current
24kV双通套管接头 Double-pass casing connector	SR STT-24/200	24kV	200A

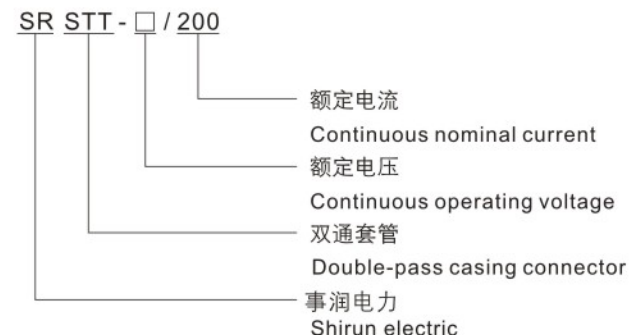
标准包装 Scope of Delivery

- 双通套管接头
- 防尘帽（非绝缘保护帽）
- 硅脂
- 清洁纸
- 不锈钢固定压板+M4螺杆+碟型螺母
- 安装指导说明书
- 产品合格证
- Double-pass casing connector
- Covering cap
- Silicone lubricant
- Clearing paper
- Stainless steel bail assembly + M4 Screw + Dished nut
- Installation instruction sheet
- Quality certificate



图二：产品构造图
Figure 2: Illustrate Design Integrity

定货编号说明 Inference Information



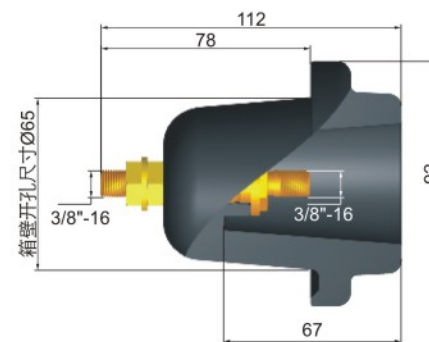
产品构造 Product Structure

- 1、绝缘层：高品质，特殊工艺处理的EPDM绝缘橡胶增强了产品的电气性能；
- 2、螺纹接口：3/8"-16螺纹；
- 3、力矩限位器：根据安装需要，可以360° 调整双通的方向；
- 4、外半导体层：预制EPDM导电橡胶符合IEEE592标准；
- 5、黄色定位圈：显示产品是否安装到位；
- 6、铜质接头：特殊工艺处理的铜质接头；
- 7、消弧室：电缆接头插拔操作时，有效的消除电弧对产品的影响；
- 8、锁槽：有高强度、耐高温的材料制成，使电缆接头稳固在双通上。

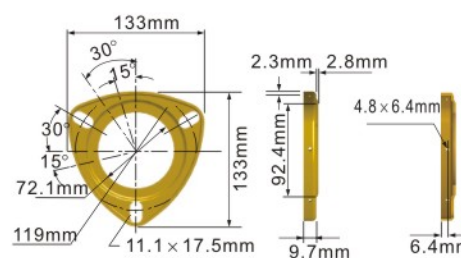
- 1、EPDM INSULATION; High-quality sulfur-cured EPDM insulation is mixed and formulated in-house for consistent and reliable field performance.
- 2、INTERFACE THREADS: 3/8-16 UNC Threads.
- 3、TORQUE-LIMITING RATCHET: Eliminates bushing well stud breakage and allows for 360° orientation.
- 4、SEMI-CONDUCTIVE SHIELD: Molded semi-conductive sulfur-cured EPDM shield meets requirements of IEEE Standard 592™.
- 5、LATCH INDICATOR RING: Molded-in bright yellow ring eliminates elbow installation guesswork by assuring a quality connection.
- 6、COPPER BUS BAR: Provides reliable all copper current path and ensures the coolest operating temperatures.
- 7、ARC SNUFER ASSEMBLY: Arc-ablative plastic produces arc extinguishing gas during load break switching operations.
- 8、LOCKING GROOVE: Nose piece locking groove is made of high strength, high temperature plastic that secures mating connector to feed thru in sert.



15kV/24kV 200A 套管座
15kV/24kV 200A Casing seat



图一：产品构造图
Figure 1: Illustrate Design Integrity



图二：外形及安装尺寸图
Figure 2: Dimension Information

概述 General

15kV/24kV 200A套管座，为200A电缆接头提供接口，主要用于美式箱变、户外环网开关柜等设备。安装在美式箱变的一侧和高压绕组连接，安装在户外环网柜上做200A出线侧。与之相连常用的电缆附件有：单通套管接头、双通套管接头等。其材料为一种环氧树脂，具有良好的机械和电气性能。

15kV/24kV 200A Casing seat is widely used in the high-voltage circuit of the pad-mounted, submersible transformer, switch gears, etc. A load break bushing insert threads into a universal bushing well to provide the same function as an integral load break bushing. The bushing is used together with the cable accessories such as: bushing insert, Rotatable Feed thru Insert ect.

The casing seat is molded using high quality insulating material, when mated with comparably rated products, it provides a fully shielded insulating connection.

标准包装 Scope of Delivery

- 套管座 Casing seat
- 密封耐油垫圈 Gasket
- 套管座防尘帽 Covering cap
- 固定板 Seal ring
- 清洁纸 Clearing paper
- 安装指导说明书 Installation instruction sheet
- 产品合格证 Quality certificate

订货信息 Order Information

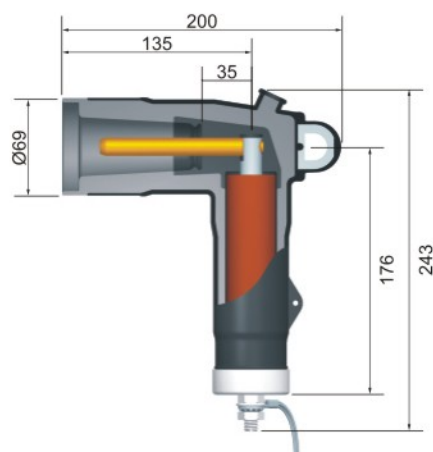
产品名称 Description	订货编号 Reference No.	额定电压 Continuous operating voltage	额定电流 Continuous nominal current
200A 15kV套管座 Casing seat	SR TGZ-15/200	15kV	200A
200A 24kV套管座 Casing seat	SR TGZ-24/200	24kV	200A

定货编号说明 Inference Information





17/50kV 肘型避雷器
17/50kV Elbow Surge Arrester



图一：外形尺寸图
Figure 1: Dimensions

概述 General

17/50kV肘型避雷器, 广泛用于美式箱变和分支箱、地理变、开关柜及其它设备, 产品设计适用于安装在200A带负荷插拔的接口, 保护设备免受过电压的损害并且有效延长设备使用寿命。

17/50kV Elbow Surge Arrester with silicone rubber connector housing and installed on the 200A Load break bushing extender. It protects medium voltage network, eg: transformers switch gears and cable. incoming over voltage waves and voltage increase by reflection are limited.

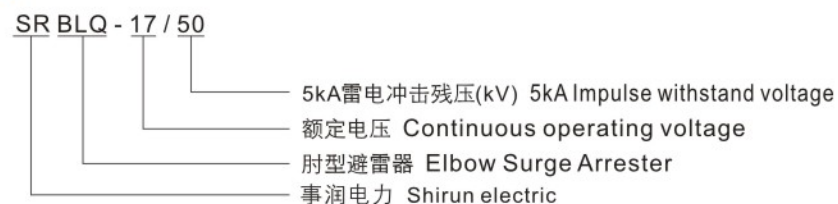
标准包装 Scope of Delivery

- 肘型避雷器本体
- 硅脂
- 清洁纸
- 安装指导说明书
- 产品合格证
- 检测报告
- Elbow surge arrester
- Silicone lubricant
- Clearing paper
- Installation instruction sheet
- Quality certificate
- Testing report

订货信息 Order Information

产品名称 Description	订货编号 Reference No.	额定电压(kV) Continuous operating voltage	冲击耐压(kV) Continuous nominal current
17/50kV肘型避雷器 Elbow Surge Arrester	SR BLQ-17/50	17	50

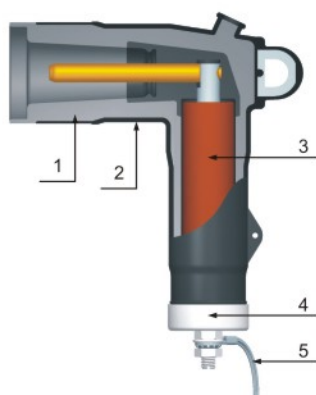
定货编号说明 Inference Information



产品构造 Product Structure

- 1、绝缘层：特有的配方和混合技术确保预制EPDM绝缘橡胶的优质品质。
- 2、外半导体层：预制的EPDM导电橡胶符合IEEE592标准。
- 3、避雷器芯子：由经过特殊工艺处理的氧化锌避雷器阀片组成。
- 4、铜质底盖：铜质底盖与避雷器外导电层紧密结合,使避雷器有效防水,并为避雷器提供接地点。
- 5、接地线：避雷器下端自带的接地线,用于将雷电冲击电压有效接引到接地位置。

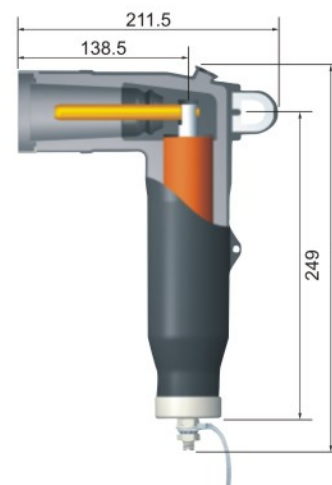
- 1、EPDM INSULATION: High quality sulfur cured EPDM insulation is mixed and formulated in-house for complete control of insulation rubber characteristics.
- 2、SEMI-CONDUCTIVE SHIELD: Molded semi-conductive EPDM shield meets requirements of ANSI/IEEE Standard 592.
- 3、ARRESTER CORE: Compose of the zinc oxide lightning arrester valve slice which through special process treatment.
- 4、PROBE: Probe provides reliable conductive path with mating female contacts.
- 5、GROUNDING WIRE:(Optional for larger grounding wire) Used for impulse voltage effective after leads to grounding position.



图二：产品构造图
Figure 2: Illustrate Design Integrity



SRBLQ - 34/78 肘型避雷器
SRBLQ - 34/78 Elbow Surge Arrester



图一：外形尺寸图
Figure 1: Dimensions

概述 General

24kV肘型避雷器, 广泛用于美式箱变和分支箱, 地理变、开关柜及其它设备。
24kV Surge Arrester Insert is widely used on medium voltage network, such as transformers switch switch gears and cable and others equipments.

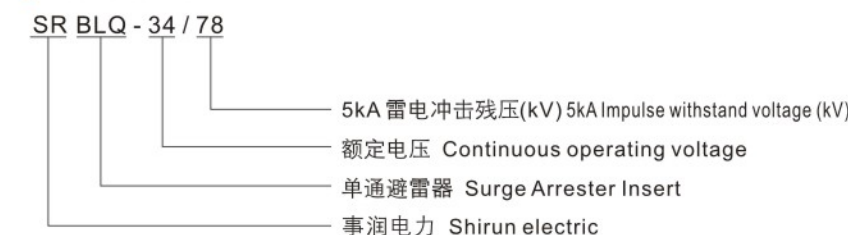
标准包装 Scope of Delivery

- 肘型避雷器本体
- 硅脂
- 清洁纸
- 安装指导说明书
- 产品合格证
- 出厂报告
- Elbow Surge Arrester
- Silicone Lubricant
- Clearing Paper
- Installation Instruction Sheet
- Quality Certificate
- Testing report

订货信息 Order Information

产品名称 Description	订货编号 Reference No.	额定电压(kV) Continuous operating voltage	冲击耐压(kV) Continuous nominal current
34/78kV肘型避雷器 Elbow Surge Arrester	SR BLQ-34/78	24	78

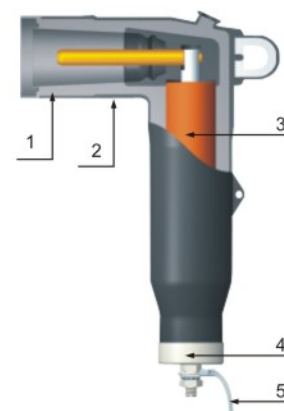
定货编号说明 Inference Information



产品构造 Product Structure

- 1、绝缘层：特有的配方和混合技术确保预制EPDM绝缘橡胶的优质品质。
- 2、外半导体层：预制的EPDM导电橡胶符合IEEE592标准。
- 3、避雷器芯子：由经过特殊工艺处理的氧化锌避雷器阀片组成。
- 4、铜质底盖：铜质底盖与避雷器外导电层紧密结合,使避雷器有效防水,并为避雷器提供接地点。
- 5、接地线：避雷器下端自带的接地线,用于将雷电冲击电压有效接引到接地位置。

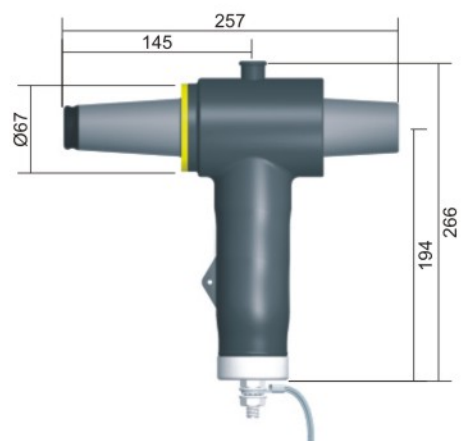
- 1、EPDM INSULATION: High quality sulfur cured EPDM insulation is mixed and formulated in-house for complete control of insulation rubber characteristics.
- 2、SEMI-CONDUCTIVE SHIELD: Molded semi-conductive EPDM shield meets requirements of ANSI/IEEE Standard 592.
- 3、ARRESTER CORE: Compose of the zinc oxide lightning arrester valve slice which through special process treatment.
- 4、PROBE: Probe provides reliable conductive path with mating female contacts.
- 5、GROUNDING WIRE:(Optional for larger grounding wire) Used for impulse voltage effective after leads to grounding position.



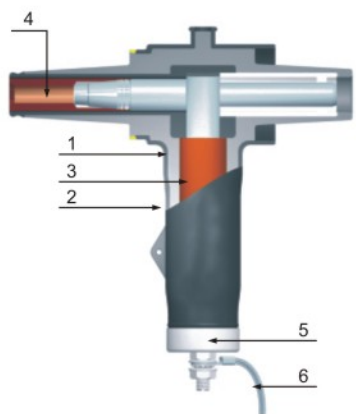
图二：产品构造图
Figure 2: Illustrate Design Integrity



17/50 单通避雷器
Surge Arrester Insert



图一：外形尺寸图
Figure 1: Dimensions



图二：产品构造图
Figure 2: Illustrate Design Integrity

概述 General

17/50kV单通避雷器，广泛用于美式箱变和分支箱、地理变、开关柜及其它设备，与之相连的电缆附件有：套管座、肘型电缆接头和绝缘帽。

17/50kV Surge Arrester Insert is widely used on medium voltage network, such as transformers switch gears and cable and others, Used together with load break cable accessories such as bushing elbow connector and insulated protective cap.

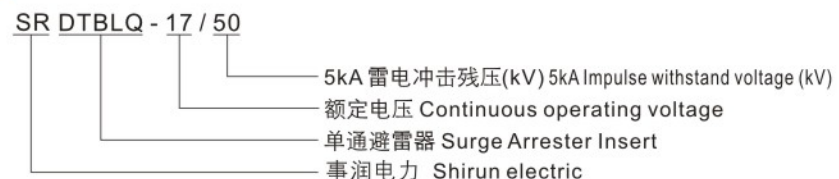
标准包装 Scope of Delivery

- 单通避雷器本体
- 3支配内六角扳手1把
- 硅脂
- 清洁纸
- 安装指导说明书
- 产品合格证
- 检测报告
- Surge arrester insert
- Hex wrench
- Silicone lubricant
- Clearing paper
- Installation instruction sheet
- Quality certificate
- Testing report

订货信息 Order Information

产品名称 Description	订货编号 Reference No.	额定电压 Continuous operating voltage	冲击耐压 Continuous nominal current
17/50kV单通避雷器 17/50kV Surge Arrester Insert	SR DTBLQ-17/50	17kV	50kV

定货编号说明 Inference Information



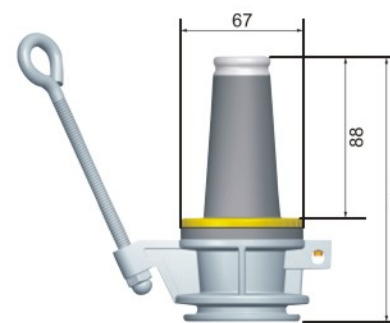
产品构造 Product Structure

- 1、绝缘层：特有的配方和混合技术确保预制EPDM绝缘橡胶的优质品质；
- 2、外半导电层：预制的EPDM导电橡胶符合IEEE592标准；
- 3、避雷器芯子：由经过特殊工艺处理的氧化锌避雷器阀片组成；
- 4、消弧室：电缆接头插拔操作时，有效的消除电弧对产品的影响；
- 5、铜质底盖：铜质底盖与避雷器外导电层紧密结合，使避雷器有效防水，并为避雷器提供接地点；
- 6、接地线：避雷器下端自带的接地线，用于将雷电冲击电压有效吸引到接地位置。

- 1、EPDM INSULATION: High quality sulfur cured EPDM insulation is mixed and formulated in-house for complete control of insulation rubber characteristics.
- 2、SEMI-CONDUCTIVE SHIELD: Molded semi-conductive EPDM shield meets requirements of ANSI/IEEE Standard 592.
- 3、ARRESTER CORE: Compose of the zinc oxide lightning arrester valve slice which through special process treatment.
- 4、ARC SNUFFER ASSEMBLY: Arc-ablative plastic produces arc extinguishing gas during load break switching operations.
- 5、PROBE: Probe provides reliable conductive path with mating female contacts.
- 6、GROUNDING WIRE:(Optional for larger grounding wire) Used for impulse voltage effective after leads to grounding position.



15kV 200A 单通壁挂
15kV 200A Single-wall



外形尺寸图 Dimensions

概述 General

15kV 200A单通壁挂为200A接头提供一个接口，主要用于美式箱变，户外环网开关柜和电缆分支箱。与之相连常用的电缆附件有：肘型接头，肘型避雷器及其它200A接头。当接带电肘型接头时，可以隔离，分段带电电缆；接不带电肘型接头时，可以防尘，防水，防潮。

其材料采用高品质的EPDM（三元乙丙橡胶）绝缘，产品外部底座铝压铸件有接地螺栓。

The Single-wall is designed to be installed in the parking stand mounted on a transformer or other apparatus. It is used together with the cable accessories such as: elbow connector elbow surge arrester and the other 200A Load break Accessories. A grounding lug is provided on the stand off bushing bracket for attachment of a drain wire to ensure dead front construction. When mated with a comparably rated product, the insulated stand off bushing provides a fully-shielded, submersible, separable connector for energized operation.

The Single-wall has a stainless steel eye bolt with a brass pressure foot. The molded EPDM rubber body is bolted to a stainless steel base bracket using a galvanized steel hold down ring. A completely stainless steel bracket assembly is available for extremely corrosive environments.

标准包装 Scope of Delivery

- 单通壁挂
- 红色防尘帽（非绝缘保护帽）
- 硅脂
- 清洁纸
- 安装指导说明书
- 产品合格证
- Single-wall
- Covering cap
- Silicone lubricant
- Clearing paper
- Installation instruction sheet
- Quality certificate

订货信息 Order Information

产品名称 Description	订货编号 Reference No.
15kV 200A 单通壁挂 15kV 200A Single-wall	SR DBG-15/200

定货编号说明 Inference Information





15kV 200A 接地肘头
15kV 200A Grounding Elbow

概述 General

15kV 200A 接地肘头是地下电力系统操作程序的首选设备,可以为电缆的检修提供接地引出线,也可以为电缆实验提供引出线。

接地肘头可单独使用或和箱式变压器及环网柜的单/双通套管构成可见电缆接地点。

接地肘头由带灭弧的铜质导电杆,铜压接头,高绝缘强度,抗老化的绝缘橡胶浇铸而成,为全绝缘产品,下端带一根2米左右的接地电缆。电缆的外层绝缘强度为600V用于设备试验时将其架空。

15kV 200A Grounding Elbow is the best choice for subterranean power systems. It can provide an grounding outgoing line for checking up the cable in the practical application or examination .

Grounding Elbow could use alone or connect with Bushing Insert, Rotatable Feed thru Insert of padmount transformer and surrounding power supply cabinet, which could structure a visible grounding point.

Grounding Elbow is contains copper conductive contact, copper compression connector and molten with high-insulation, anti-aging insulation rubber. These make the product to be fully shielded. Meanwhile, a 2-meter ground cable connects in the end of Grounding Elbow. The insulation value of grounding cable's outer shield is 600V, so when examination, please overhead.

订货信息 Order Information

产品名称 Description	订货编号 Reference No.	额定电压 Continuous operating voltage	额定电流 Continuous nominal current
15kV 200A 接地肘头 Grounding Elbow	SR JDZT-15/200	15kV	200A

定货编号说明 Inference Information

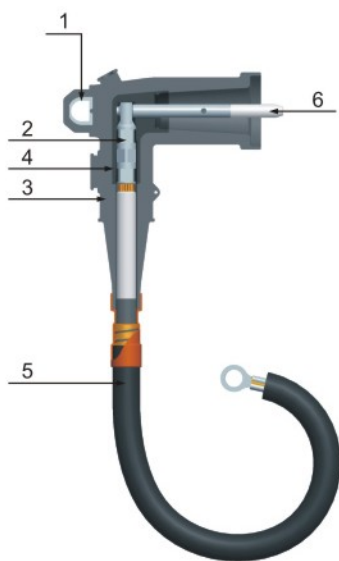


产品构造 Product Structure

- 1、操作环：不锈钢制成的拉环，保证与绝缘操作杆配套的使用。
- 2、铜质压接端子：使产品和电缆的紧密压接。
- 3、绝缘层：特有配方和混合技术确保预制EPDM绝缘橡胶的优秀品质。
- 4、内半导体层：预制的EPDM导电橡胶有效的控制电气应力。
- 5、600V单芯电缆：电压等级600V，有效接地。
- 6、消弧插入棒：镀锡铜质导电棒带有消弧功能。

标准包装 Scope of Delivery

- 接地肘头
- 清洁纸
- 硅脂
- 安装指导说明书
- Grounding elbow
- Clearing paper
- Silicone lubricant
- Quality certificate



产品构造图
Illustrate Design Integrity



15kV 200A 二路母排
15kV 200A Two-way busbar



15kV 200A 三路母排
15kV 200A Three-way busbar



15kV 200A 四路母排
15kV 200A Four-way busbar

概述 General

200A 的母排,在电缆分支线路中起到母线的作用。其特点为全绝缘,全密封。

200A母排可以与肘型电缆接头、肘型避雷器和200A绝缘帽配合组成电缆多分支线路。其内部有灭弧介质,与肘型接头配合能带负荷拔插。

200A母排选用高品质绝缘材料制成。

200A Load break junctions are used in pad-mounted apparatus, underground vaults, and other apparatus to sectionalize, establish loops, taps, or splices, and to facilitate apparatus changeouts. Sectionalizing a cable run to find and isolate a cable fault is made easy when a load break junction is used with 15kV Class load break elbows. When mated with a comparably rated product, the junction provides a fully shielded, submersible, separable connection for load break operation. The body is molded of highquality EPDM.

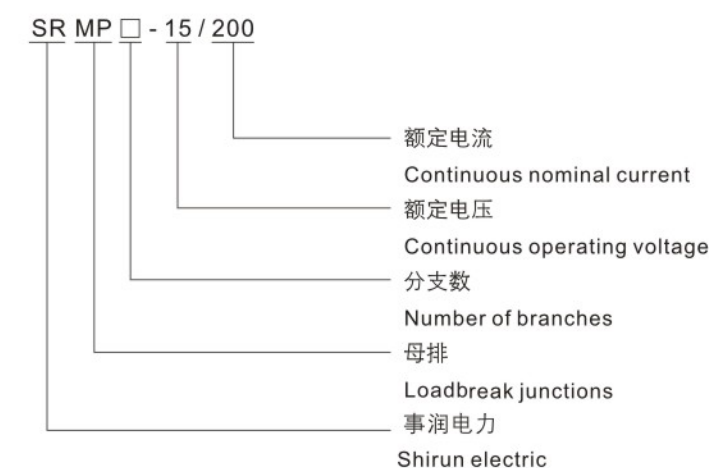
标准包装 Scope of Delivery

- 母排本体
- 防尘帽(非绝缘保护帽)
- 安装板
- 安装指导说明书
- 产品合格证
- Loadbreak junctions
- Covering cap
- Mounting panel
- Installation Instruction Sheet
- Quality Certificate

订货信息 Order Information

订货编号 Reference No.	分支数 Number of branches
SR MP2-15/200	2
SR MP3-15/200	3
SR MP4-15/200	4

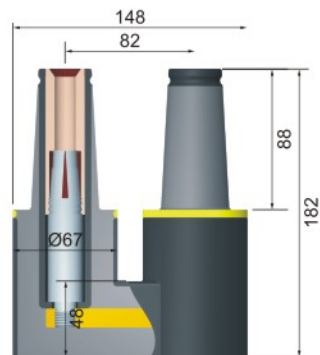
定货编号说明 Inference Information



产品构造 Product Structure

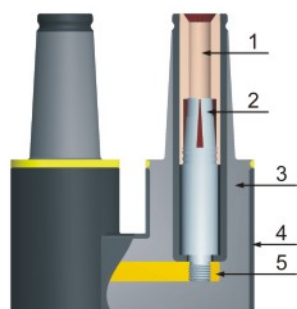
- 1、消弧室：有效消除电缆接头插拔式产生的电弧，保证设备安全运行；
- 2、铜质接头：铜质接头紧固在铜质导电排上；
- 3、绝缘层：特有配方和混合技术确保预制EPDM绝缘橡胶的优秀品质；
- 4、外半导体层：特殊工艺处理的EPDM导电橡胶符合IEEE592标准；
- 5、铜质导电排：铜材料制成的导电排，保证电流顺畅的同时，能起到良好的冷却作用。

- 1、ARC SNUFFER ASSEMBLY: Arc-ablative plastic produces arc extinguishing gas during loadbreak switching operations.
- 2、COPPER BUS BAR: Copper fittings are fixed in copper conduction bar.
- 3、EPDM INSULATION: High quality sulfur cured EPDM insulation is mixed and formulated in-house for complete control of insulating rubber characteristics.
- 4、SEMI-CONDUCTIVE SHIELD: Molded Semi-conductive EPDM shield meets requirements of ANSI/IEEE Standard 592.
- 5、COPPER CONDUCTING BAR: The conductive row is made of copper, It can ensure current smooth and play good cooling effect.

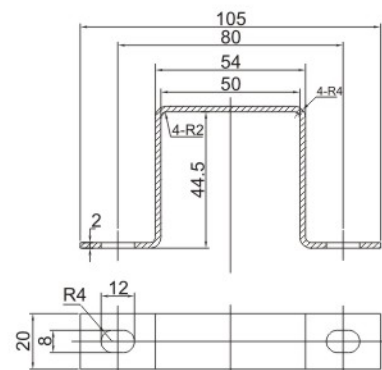


名称	二通 2	三通 3	四通 4
L	139mm	221mm	302mm

200A 母排接口尺寸图



200A 母排接口结构图



概述 General

15kV 200A加长套管座,为200A电缆接头提供接口,主要用于户外环网开关柜等设备。安装在户外环网柜上做200A出线侧。与之相连常用的电缆附件有:单通套管接头、双通套管接头或单通避雷器等。

其材料为一种环氧树脂,具有良好的机械和电气性能。独特的伞裙结构增加了爬电距离,有效提高设备的电气性能。

15kV 200A Insulated Bushing Extenders designed for transformers, outdoor surrounding cable supply cabinet and switch cabinet. Insulated for the 200A outgoing line. 200A 15kV Insulated Bushing Extender connect with bushing insert, rotatable feed thru insert or surge arrester insert.

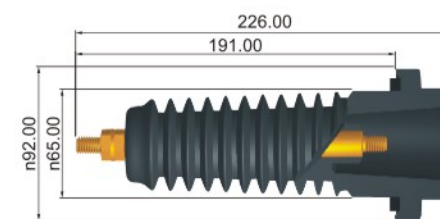
The Bushing Well is molded using high quality insulating material EPDM, when mated with comparably rated products, it provides a fully shielded insulating connection.



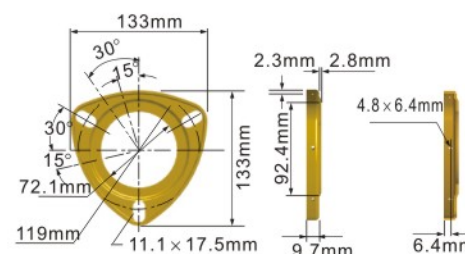
15kV 200A 加长套管座
15kV 200A Insulated Bushing Extender

标准包装 Scope of Delivery

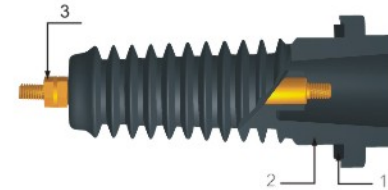
- 加长套管座
- 黑色防尘帽(非绝缘保护帽)
- 密封耐油垫圈
- 清洁纸
- 安装指导说明书
- 产品合格证
- Insulated bushing extender
- Covering cap
- Gasket
- Clearing paper
- Installation instruction sheet
- Quality certificate



图一：外形尺寸图
Figure 1: Dimensions



外形及安装尺寸图
Dimension Information



图二：产品构造图
Figure 2: Illustrate Design Integrity

订货信息 Order Information

产品名称 Description	订货编号 Reference No.
200A 15kV加长套管座 200A 15kV Insulated Bushing Extender	SR JCTGZ-15/200

定货编号说明 Inference Informations

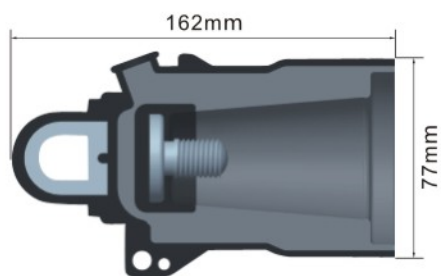


产品构造 Product Structure

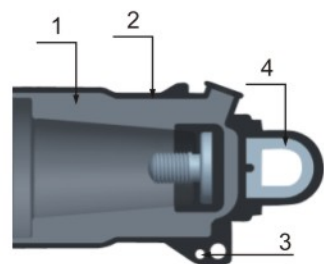
- 1、密封圈槽：用来放置密封圈，起到有效的隔绝密封作用。
- 2、加长套管座本体：由经过APG工艺的环氧树脂制作而成，具有良好的机械和电气性能。
- 3、导电杆：经过特殊工艺处理的铜质导电杆能很稳定的与环氧树脂结合，具有良好的导电性。



15kV 200A 绝缘帽
15kV 200A Insulated Protective Cap



图一：外形尺寸图
Figure 1: Dimensions



图二：产品构造图
Figure 2: Illustrate Design Integrity

概述 General

15kV 200A 绝缘帽是带电套管的附属配件，为带电套管提供绝缘封套，对不带电的接头提供防尘，防潮封套。

200A绝缘帽可以安装在200A套管、母排及壁挂等设备上，当母排和电缆接头预留有备用出线时，必须用200A绝缘帽将其密封。

15kV 200A Insulated Protective Cap is an accessory device designed to electrically insulate and mechanically seal load break bushing interfaces. When mated to a load break product and the drain wire is attached to ground, the Insulated Protective Cap provides a fully shielded, submersible insulating cover for energized bushings. The Insulated Protective Cap can be used for permanent or temporary installation on 200A bushings, junctions or insulated standoff bushing.

标准包装 Scope of Delivery

- 绝缘帽
- 清洁纸
- 硅脂
- 安装指导说明书
- 产品合格证
- Insulated protective cap
- Clearing paper
- Silicone lubricant
- Installation instruction sheet
- Quality certificate

订货信息 Order Information

产品名称 Description	订货编号 Reference No.	额定电压 Continuous operating voltage	额定电流 Continuous nominal current
200A 15kV 绝缘帽 Insulation cap	SR JYM-15/200	15kV	200A

定货编号说明 Inference Information



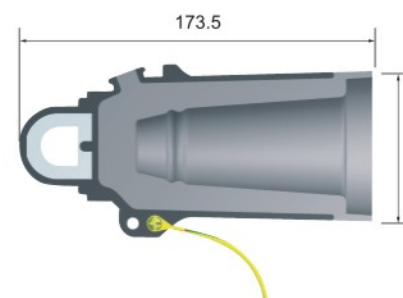
产品构造 Product Structure

- 1、绝缘层：特有配方和混合技术确保我们的预制EPDM绝缘橡胶的优质品质。
- 2、外半导体层：预制的EPDM导电橡胶符合IEEE592标准。
- 3、接地眼：与外半导体层一体的接地眼，用于产品的接地。
- 4、操作环：一体压铸的不锈钢操作环带有弹簧夹固定点；

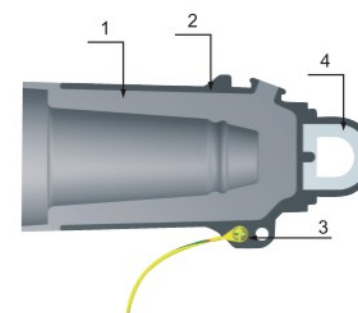
- 1、INSULATION: High quality, peroxide-cured EPDM rubber formulated, mixed and molded in-house for consistent and reliable field performance.
- 2、SEMI-CONDUCTIVE SHIELD: High quality EPDM rubber provides protective dead front shield that make sure they have grounding
- 3、GROUNDING EYE: Three tabs molded into a semi-conductive shield for the attachment of a ground wire to maintain dead front safety.
- 4、PULLING EYE: Stainless steel reinforced for positive shotgun stick switching operations.



24kV 200A 绝缘帽
24kV 200A Insulated Protective Cap



图一：外形尺寸图
Figure 1: Dimensions



图二：产品构造图
Figure 2: Illustrate Design Integrity

概述 General

24kV 200A 绝缘帽是带电套管的附属配件，为带电套管提供绝缘封套，对不带电的接头提供防尘，防潮封套。

200A绝缘帽可以安装在200A套管、母排及壁挂等设备上，当母排和电缆接头预留有备用出线时，必须用200A 绝缘帽将其密封。

24kV 200A Insulated Protective Cap is an accessory device designed to electrically insulate and mechanically seal load break bushing interfaces. When mated to a load break product and the drain wire is attached to ground, the Insulated Protective Cap provides a fully shielded, submersible insulating cover for energized bushings. The Insulated Protective Cap can be used for permanent or temporary installation on 200A bushings, junctions or insulated standoff bushing.

标准包装 Scope of Delivery

- 绝缘帽
- 清洁纸
- 硅脂
- 安装指导说明书
- 产品合格证
- Insulated protective cap
- Clearing paper
- Silicone lubricant
- Installation instruction sheet
- Quality certificate

订货信息 Order Information

产品名称 Description	订货编号 Reference No.	额定电压 Continuous operating voltage	额定电流 Continuous nominal current
200A 24kV 绝缘帽	SR JYM-24/200	24kV	200A

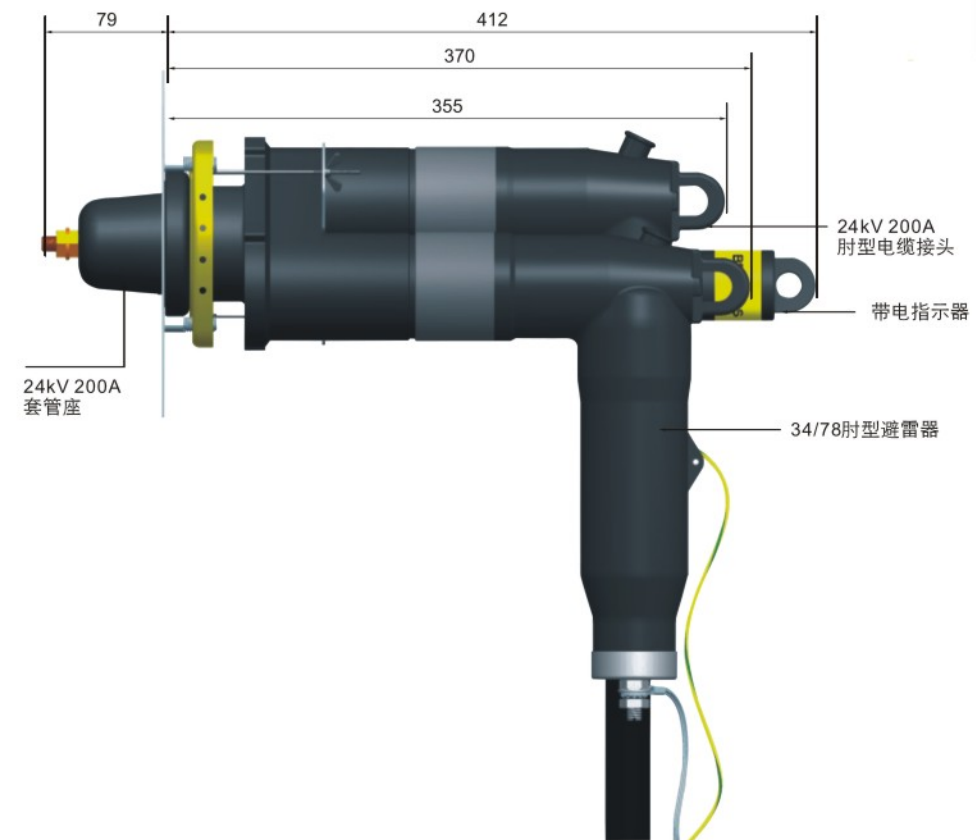
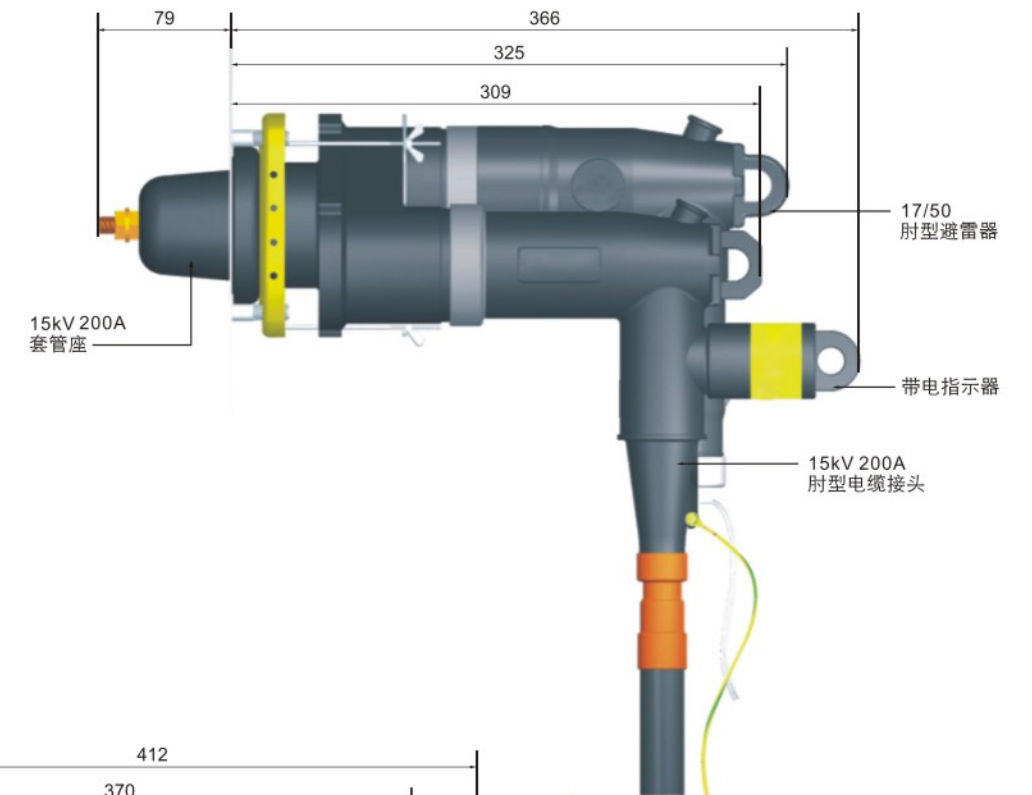
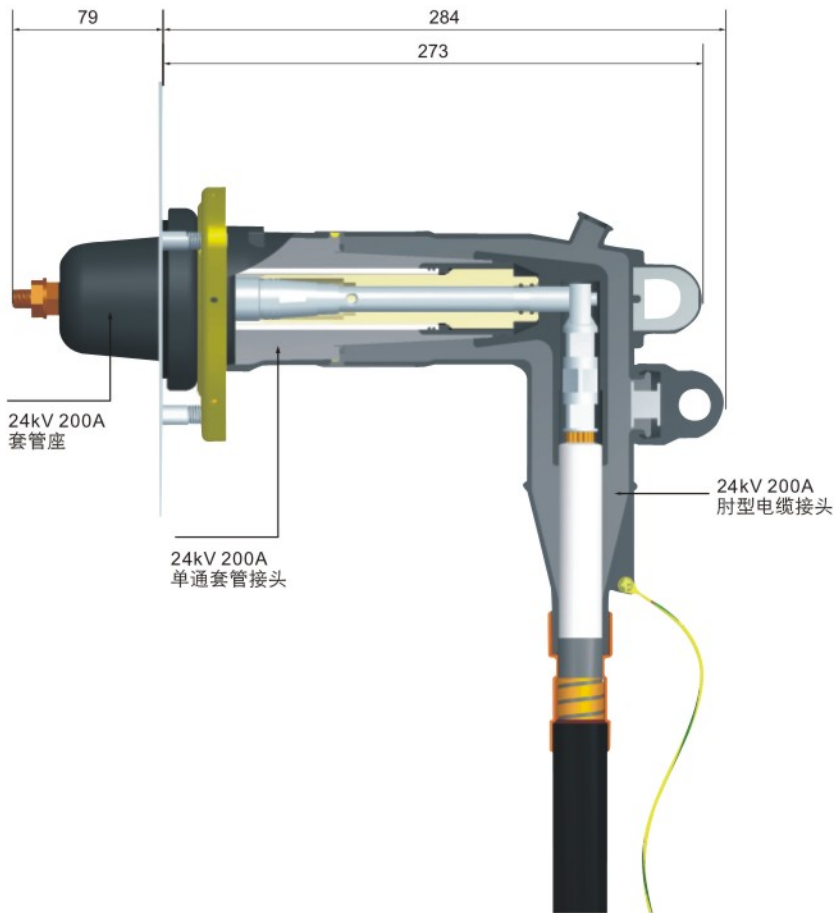
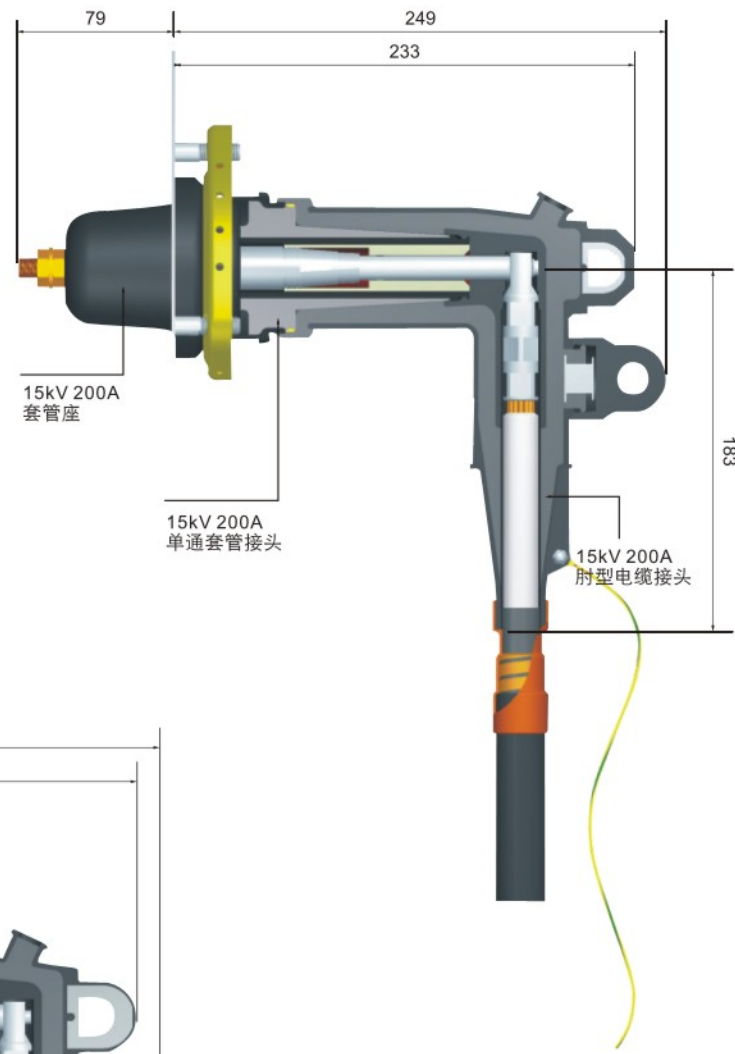
定货编号说明 Inference Information

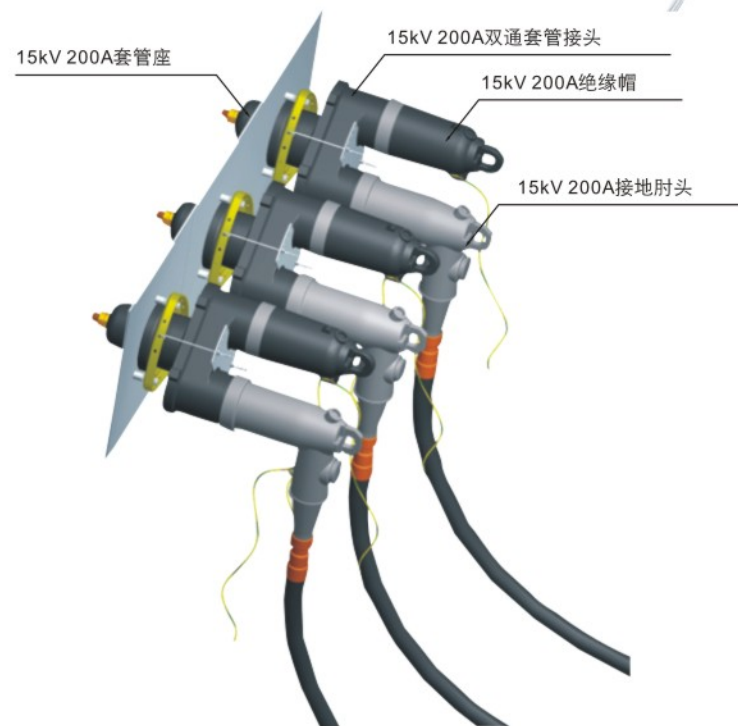
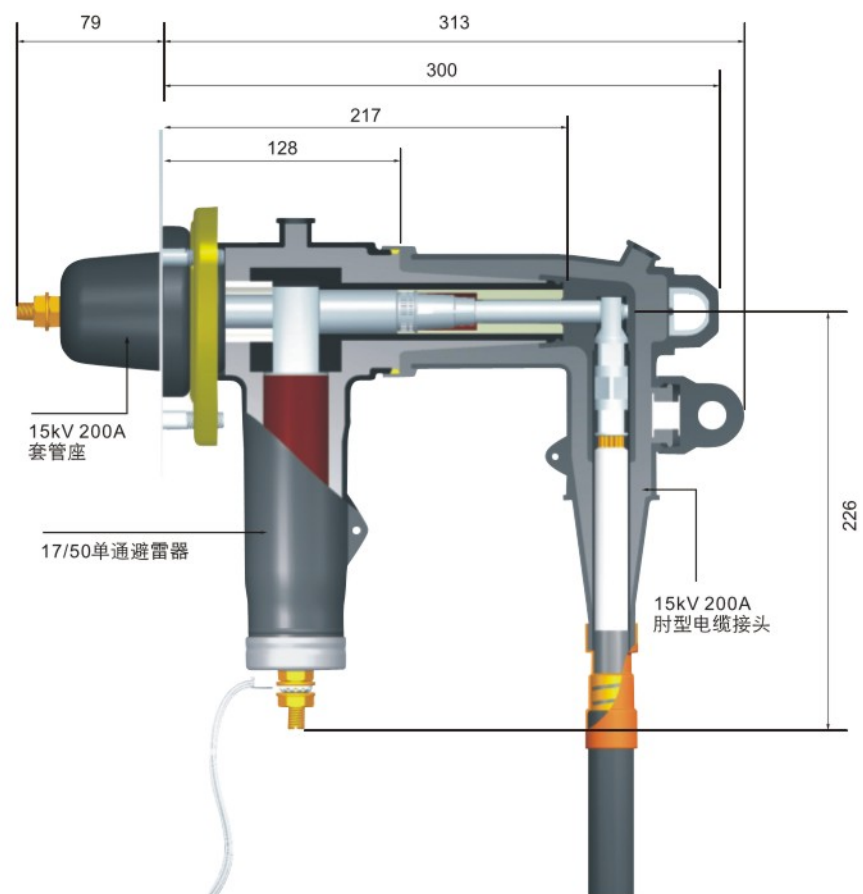


产品构造 Product Structure

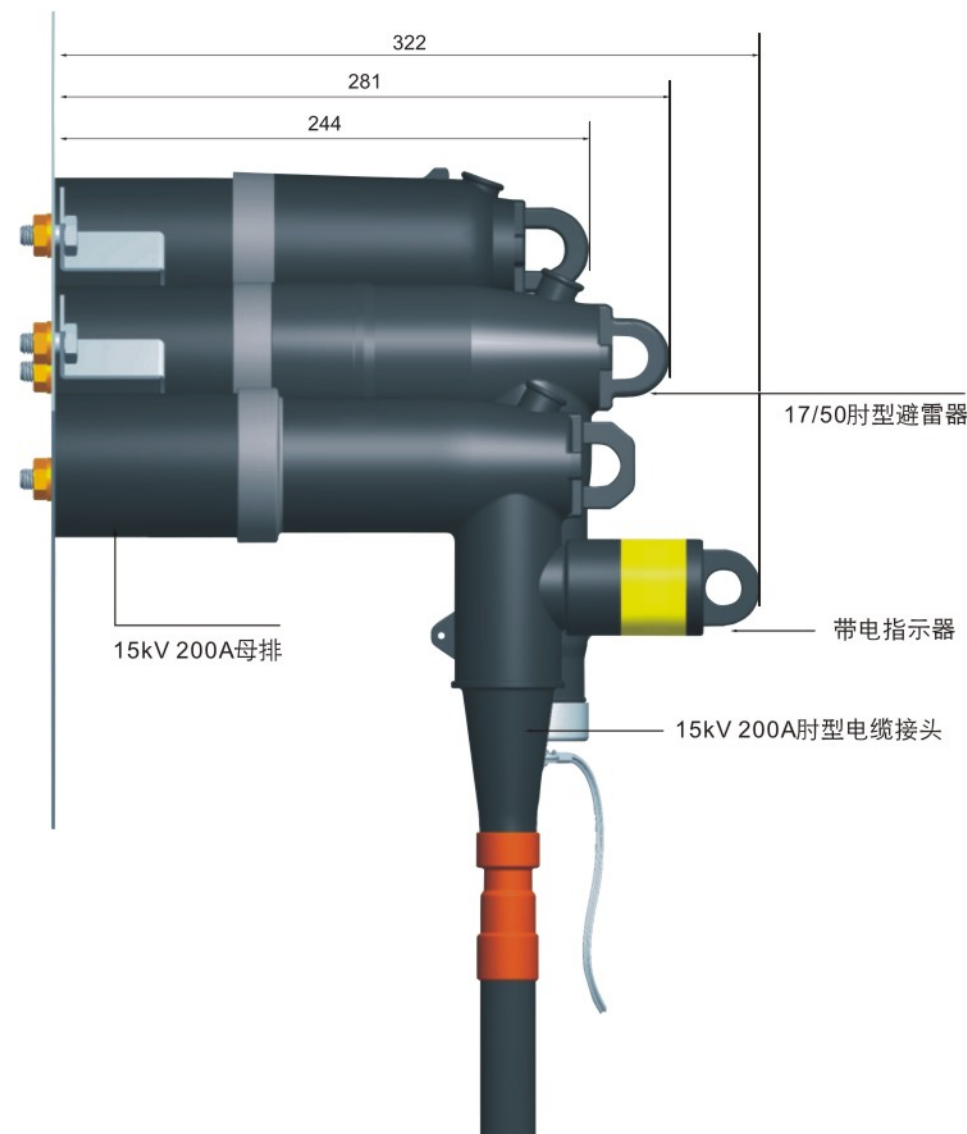
- 1、绝缘层：特有配方和混合技术确保我们的预制EPDM绝缘橡胶的优质品质。
- 2、外半导体层：预制的EPDM导电橡胶符合IEEE592标准。
- 3、接地眼：与外半导体层一体的接地眼，用于产品的接地。
- 4、操作环：一体压铸的不锈钢操作环带有弹簧夹固定点；

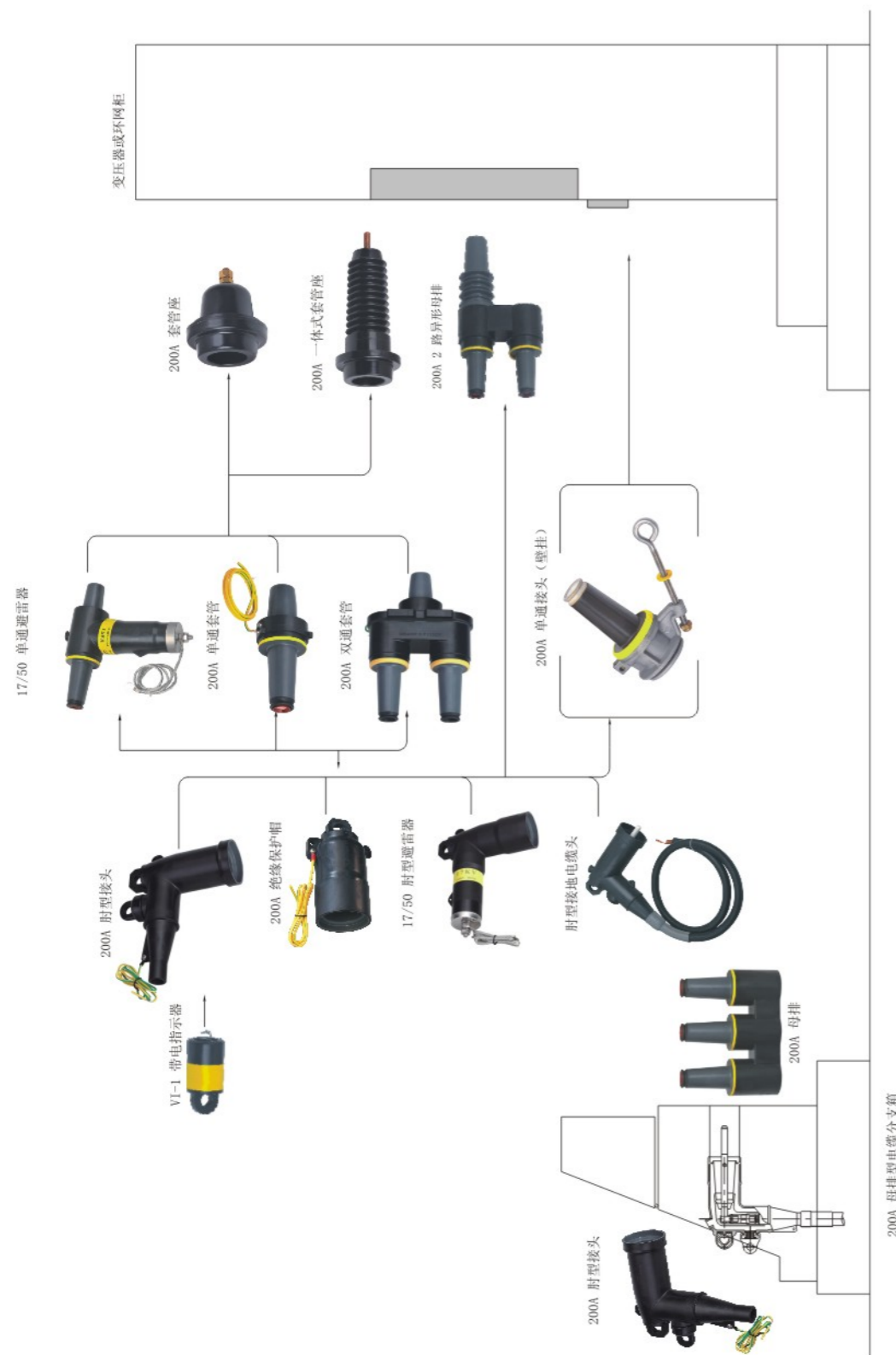
- 1、INSULATION: High quality, peroxide-cured EPDM rubber formulated, mixed and molded in-house for consistent and reliable field performance.
- 2、SEMI-CONDUCTIVE SHIELD: High quality EPDM rubber provides protective dead front shield that make sure they have grounding
- 3、GROUNDING EYE: Three tabs molded into a semi-conductive shield for the attachment of a ground wire to maintain dead front safety.
- 4、PULLING EYE: Stainless steel reinforced for positive shotgun stick switching operations.





美式箱变工频耐压示意图





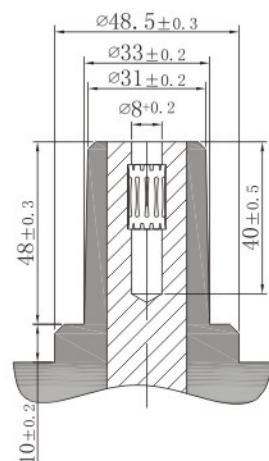
细致专业

成为最专注最完善
最值得信赖的电力附件制造企业

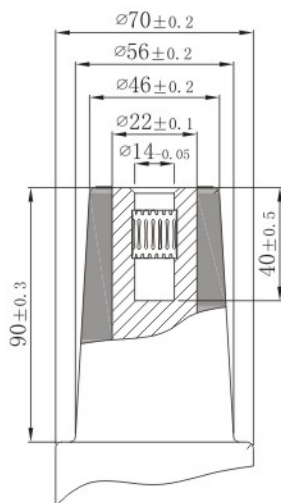
Become the most dedicated most perfect
The most trusted manufacturer of power attachments



24KV 250A series
of cable accessories
24kv 250A系列电缆附件



250A标准接口
符合CENELEC EN501810和50181
250A Interface Dimensions According to
CENELEC EN501810 & 50181 (in mm).



400A标准接口
符合CENELEC EN501810和50181
400A Interface Dimensions According to
CENELEC EN501810 & 50181 (in mm).

执行标准 Implementation of standards

- DIN47636-7-1990带有伸出锥体的电力电缆可分附件套, Um在35kV以下套管和可分连接件装置尺寸;
- ANSI IEEE592-1990高压电缆接头和可分离绝缘连接器的外露半导体护套;
- IEC60502额定电压1kV(Um=1.2kV)以上至30kV(Um=35kV)挤出绝缘电力电缆及其附件;
- IEC61442额定电压6kV(Um=7.2kV)至30kV(Um=35kV)电力电缆附件试验方法;
- GB12706-2002额定电压1kV(Um=1.2kV)至35kV(Um=40.5kV)挤出绝缘电力电缆及其附件;
- GB311.1-1997高压输电设备的绝缘配合;
- GB/T41.9.1999高压套管技术条件;
- GB11032.2010交流无间隙金属氧化避雷器;
- DIN47636-7-1990带有伸出锥体的电力电缆可分附件套,Um在35kV以下套管和可分连接件装置尺寸。
- DIN 47636-7-1990 Power cable with extension cones, separable, with Um below 35kV Sub-connector device size;
- Exposed Semiconductor Sheaths for High - Voltage Cable Fittings and Detachable Insulated Connectors; IEEE.
- IEC60502 Extruded insulated power cables with rated voltages from 1 kV (Um = 1.2 kV) to 30 kV (Um = 35 kV) and annex;
- IEC61442 Test methods for accessories for power cables with rated voltages from 6kV (Um = 7.2kV) to 30kV (Um = 35kV);
- GB12706-2002 Extruded insulated power cables with rated voltages from 1 kV (Um = 1.2 kV) to 35 kV (Um = 40.5 kV)And its annexes;
- GB311.1-1997 high-voltage power transmission and distribution equipment with the insulation;
- GB / T41.9.1999 high-voltage casing technical conditions;
- GB11032.2010 AC non-gap metal oxide surge arresters;
- DIN 47636-7-1990 Power cables with extended cones, separable, with Um below 35kV Sub - connector device size.

电压特性 Continuous voltage ratings

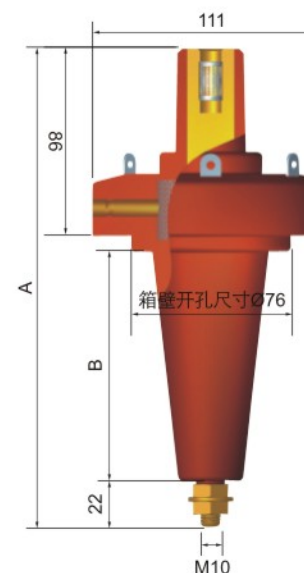
项目 Item	15kV参数 Parameter	24kV参数 Parameter	35kV参数 Parameter
额定电压 Continuous operating voltage	8.7kV/15kV	12/20kV 18/20kV	26kV/35kV
工频耐压 AC withstand voltage	45kV/1min	55kV/5min	117kV/5min
直流耐压 DC withstand voltage	53kV/15min	78kV/15min	104kV
雷电冲击耐压 1.5/50 μ s Impulse with stand voltage	95kV	125kV	215kV
局部放电电压<10PC Partial discharge voltage	13kV	20kV	45kV

电流性能 Current rating

项目 Item	250AMP	600AMP
热稳定电流 Heat stable current	16kA 1S	30kA 2S
动稳定电流 Peak withstand current	40kA	105kA



24kV 250A 套管座
24kV 250A Apparatus Bushing



外形尺寸图
Dimensions

概述 General

24kV 250A套管座, 为250A电缆接头提供接口, 主要用于美式箱变、户外环网开关柜等设备。安装在美式箱变的一侧和高压绕组连接, 安装在户外环网柜上做250A出线侧。
其材料为一种环氧树脂, 具有良好的机械和电气性能, 符合EN50180/EN50181 DIN47636/HN5。

24kV 250A Apparatus Bushing provide the interface for the 200A Cable connector and mostly used on the oil-insulated(R-temp, hydrocarbon, or silicon) apparatus, including switchgear, transformers, and capacitors.

The Apparatus Bushing are molded using high quality Epoxy Rubber, meet the requirement of standard EN50180/EN50181 DIN47636/HN52-S-61.

标准包装 Scope of Delivery

- 套管座
- 防尘盖
- 安装指导说明书
- 产品合格证
- Apparatus bushing
- Covering cap
- Installation instruction sheet
- Quality certificate

订货信息 Order Information

产品名称 Description	订货编号 Reference No.
24kV 250A 套管座 Apparatus Bushing	SR TGZ-24/250

定货编号说明 Inference Information



尺寸表 Dimension Sheet

规格型号 Specification	产品尺寸 Dimension	
	A	B
SR TGZ-24/250(标准) Standard	224	108
SR TGZ-24/250S(短) Short	189	73
SR TGZ-24/250L(长) Long	284	168



24kV 250A 加长套管座
24kV 250A Lengthen Apparatus Bushing



外形尺寸图
Dimensions

概述 General

24kV 250A套管座, 为250A电缆接头提供接口, 主要用于美式箱变、户外环网开关柜等设备。安装在美式箱变的一侧和高压绕组连接, 安装在户外环网柜上做250A出线侧。

其材料为一种环氧树脂, 具有良好的机械和电气性能, 符合EN50180/EN50181 DIN47636/HN5。

24kV 250A Apparatus Bushing provide the interface for the 200A Cable connector and mostly used on the oil-insulated(R-temp, hydrocarbon, or silicon) apparatus, including switchgear, transformers, and capacitors.

The Apparatus Bushing are molded using high quality Epoxy Rubber, meet the requirement of standard EN50180/EN50181 DIN47636/HN52-S-61.

标准包装 Scope of Delivery

- 套管座
- 防尘盖
- 安装指导说明书
- 产品合格证
- Apparatus bushing
- Covering cap
- Installation instruction sheet
- Quality certificate

产品装箱参数 Package Information

- 3只/盒 重量: 3.72kg 体积: 12cm×31cm×26cm
- 3pcs/box W/G: 3.72kg Vol: 12cm×31cm×26cm

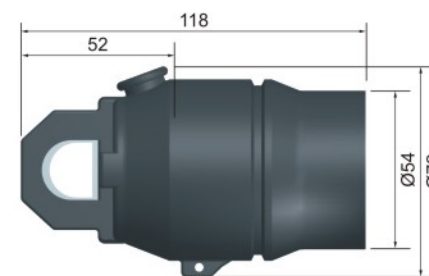
订货信息 Order Information

产品名称 Description	订货编号 Reference No.
24kV 250A 加长套管座 Lengthen Apparatus Bushing	SR JCTGZ-24/250

定货编号说明 Inference Information



24kV 250A 绝缘帽
24kV 250A Insulated Protective Cap



图一: 外形尺寸图
Figure 1: Dimensions

概述 General

24kV 250A绝缘帽是带电套管的附属配件, 为带电套管提供绝缘封套, 对不带电的接头提供防尘, 防潮封套。

250A绝缘帽可以安装在250A套管、母排及壁挂等设备上, 当母排和电缆接头预留有备用出线时, 必须用250A绝缘帽将其密封。

24kV 250A Insulated Protective Cap is an accessory device designed to electrically insulate and mechanically seal load break bushing inter faces. When mated to a load break product and the drain wire is attached to ground, the Insulated Protective Cap provides a fully shielded, submersible insulating cover for energized bushings. The Insulated Protective Cap can be used for permanent or temporary installation on 250A bushings, junctions or insulated stand off bushing.

标准包装 Scope of Delivery

- 绝缘帽
- 清洁纸
- 硅脂
- 安装指导说明书
- 产品合格证
- Insulated protective cap
- Clearing paper
- Silicone lubricant
- Installation instruction sheet
- Quality certificate

订货信息 Order Information

产品名称 Description	订货编号 Reference No.	额定电压 Continuous operating voltage	额定电流 Continuous nominal current
250A 24kV 绝缘帽	SR JYM-24/250	24kV	250A

定货编号说明 Inference Information





24kV 250A 肘型电缆接头
24kV 250A Loadbreak Elbow Connector

性能 Features

- 当与合适的套管或插头配合时，提供全屏蔽和密封可分离连接。可长期在水下或其它恶劣条件下运行。
- 内置式电容测试点可以安装带电指示器以确定线路状态
- 无最小相间安全距离要求
- 安装可以是垂直、水平或任意角度。
- Provides a fully screened and fully submersible separable connection when mated with the proper bushing or plug.
- Built-in capacitive test point to determine the circuit status or install a fault indicator.
- No minimum phase clearance requirements.
- Mounting can be vertical, horizontal, or any angle in between.

应用 Application

- 用于连接电缆与变压器、开关柜、电缆分接箱等设备
- 适用于户内和户外安装
- 系统电压最高24kV
- 持续额定电流250A (300A过载可持续8小时)
- 电缆特性
 - 聚合物绝缘电缆 (XLPE、ERP等)
 - 铜或铝导体
 - 具有半导体或金属屏蔽
 - 导体尺寸25~120mm²
- For connection of polymeric cable to transformers, switchgear, motors and other equipment with a prem-oulded separable connector.
- For indoor and outdoor installations.
- System voltage up to 24 kV.
- Continuous current 250 A (300 A overload for 8 hours).
- Cable particulars:
 - Polymeric cable (XLPE, EPR, etc.)
 - Copper or aluminum conductors
 - Semiconducting or metallic screens
 - Conductor size 25~120 mm²

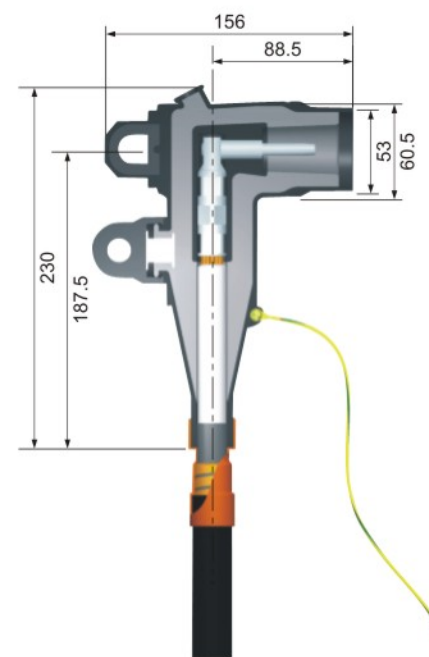
标准 Standards

满足GB/T 12706.4-2002及IEC 60502.4-2005标准的要求。
Will meet the requirements of GB/T 12706.4-2002及IEC 60502.4-2005.

电气性能 Ratings Overview

主要指标 Description	主要参数 Parameters
最高系统电压 (Um) Maximum system voltage	24kV
冲击耐压 Impulse withstand voltage	125kV
交流耐压 (5分钟) AC withstand voltage ,5min	54kV
持续额定电流 Continuous operating current	250A
过载电流 (最长8小时) Overload (8 hrs. Max.)	300A
短时耐受电流 Short circuit withstand	12.5kA/1s

注：额定值基于IEC标准，不代表其最大性能。
REMARK: All the data based on the standards IEC, Not the limited.



图一：外形尺寸图
Figure 1: Dimensions

标准包装 Scope of Delivery

- 肘型电缆接头
- 铜或铝质压接端子
- 安装压板
- 插拔杆
- 清洁纸
- 硅脂
- 安装指导说明书
- 产品合格证
- Elbow connector
- Copper or Aluminium Conductor cable lug
- Loadbreak Probe
- Steel Installation Tool
- Clearing Paper
- Silicone Lubricant
- Installation Instruction Sheet
- Quality Certificate

订货信息 Order Information

根据国内电缆厂家按照GB/T12706标准生产的8.7/10kV电缆尺寸，我们推荐250A肘型电缆接头订货编号如下表：

The cable meet the requirements of GB/T12706 in 7/10kV, the order information as following.

订货编号 Reference No.	多股线芯绞成同心电 缆的截面积 (mm ²) Conductor cross section (mm ²)	电缆绝缘层外径尺寸 (mm) Stretch range over insulation (mm)	对应代码 Size of stress cone
SR ZT-10/250-25	25	16.3-19.9	A
SR ZT-10/250-35	35	16.3-19.9	A
SR ZT-10/250-50	50	16.3-19.9	A
SR ZT-10/250-70	70	19.8-23.5	B
SR ZT-10/250-90	95	23.1-27.1	F
SR ZT-10/250-120	120	23.1-27.1	F

注：选型时以电缆绝缘直径为准，导体截面为参考。

NOTE: The cable range is the basic element for choosing the product's type. The conductor size is just for a reference.

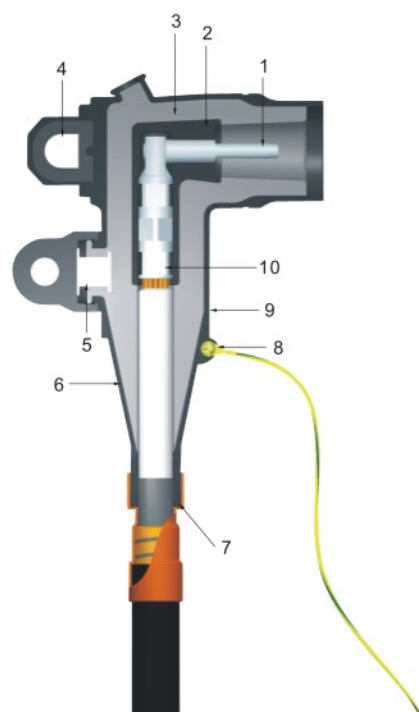
根据国内电缆厂家按照GB/T12706标准生产的12/20kV电缆尺寸，我们推荐250A肘型电缆接头订货编号如下表：

The cable meet the requirements of GB/T12706 in 12/20kV, the order information as following.

订货编号 Reference No.	多股线芯绞成同心电 缆的截面积(mm ²) Conductor cross section (mm ²)	电缆绝缘层 外径尺寸(mm) Stretch range over insulation (mm)	对应代码 Size of stress cone
SR ZT-24/250-35	35	23.1-27.1	F
SR ZT-24/250-50	50	23.1-27.1	F
SR ZT-24/250-70	70	23.6-26.4	H
SR ZT-24/250-90	95	23.6-26.4	H
SR ZT-24/250-120	120	27.9-33.5	J

注：选型时以电缆绝缘直径为准，导体截面为参考。

NOTE: The cable range is the basic element for choosing the product's type. The conductor size is just for a reference.



图二：产品构造图
Figure 2: Illustrate Design Integrity

定货编号说明 Inference Information



安装 Installation

- 无需任何特殊工具，包带或填充；
- 电缆接头安装到相关部件后立即通电运行；
- 可与符合EN50180/EN50181 DIN47636/HN52-S-61标准规定的套管、接头或母排设备配合。
- Without any special tools.
- When finish the installation of elbow connector, the power can besupply directly.
- Can be used together with the bushing, cable connector and junction witch meet the requirement EN50180/EN50181 DIN47636/HN52-S-61.

产品构造 Product Structure

- 1、导电杆：用随箱提供的内六角扳手将镀锡的铜导电杆拧进导体连接器中；
 - 2、内半导体层：预制的EPDM导电橡胶有效的控制电气应力；
 - 3、绝缘层：特有的配方和混合技术确保预制EPDM绝缘橡胶的优质品质；
 - 4、拉环：一体模铸的不锈钢拉环带有棘爪便于夹具定位；
 - 5、电压测试点：用于测试线路是否带电需要和带电指示器配合；
 - 6、应力释放：外半导体层和绝缘的锥形几何结构用于释放电气应力；
 - 7、电缆插入口：开口的尺寸提供的接口配合保证可靠密封；
 - 8、接地眼：预注到外半导体层中用于接地线的连接；
 - 9、外半导体层：预制的EPDM导电橡胶与电缆屏蔽的配合实现屏蔽连续，并确保外半导体层处于接地状态；
 - 10、压接端子：两种压接端子全铜端子及铜铝压接端子分别使用。
- 1、Conducting Rod: Tin-plated copper pin screws into the conductor contact with the supplied hex key.
 - 2、SEMI-CONDUCTIVE INSERT: Moulded EPDM conducting rubber screen controls electrical stress.
 - 3、Insulation: Moulded EPDM insulating rubber is formulated and mixed in-house to ensure high quality.
 - 4、Pulling Eye: Encapsulated stainless steel pulling eye with a detent to position the bail.
 - 5、Capacitive Test Point: Capacitive test point provides means to check circuit status. Amoulded EPDM conducting rubber cap provides a watertight seal.
 - 6、Stress Relief: The configuration of the outer screen and the cable adapter provide cable stress relief.
 - 7、Cable Adapter: The sized opening provides and interfreence fit to maintain a watertight seal.
 - 8、Grounding Eye: Moulded into the external screen for connection of an earthing wire.
 - 9、SEMI-CONDUCTIVE SHIELD: Moulded EPDM conducting rubber mates with the cable screen to maintain screen continuity and ensure that the assembly is at earth potential.
 - 10、Conductor Cable lug: Inertia welded bimetallic compression connector accepts copper or aluminum conductors.



24kV 250A 直通式电缆接头
24kV 250A Straight connector

性能 Features

- 当与合适的套管或插头配合时，提供全屏蔽和密封可分离连接。可长期在水下或其它恶劣条件下运行。
- 内置式电容测试点可以安装带电指示器以确定线路状态
- 无最小相间安全距离要求
- 安装可以是垂直、水平或任意角度。
- Provides a fully screened and fully submersible separable connection when mated with the proper bushing or plug.
- Built-in capacitive test point to determine the circuit status or install a fault indicator.
- No minimum phase clearance requirements.
- Mounting can be vertical, horizontal, or any angle in between.

应用 Application

- 用于连接电缆与变压器、开关柜、电缆分接箱等设备
- 适用于户内和户外安装
- 系统电压最高24kV
- 持续额定电流250A (300A过载可持续8小时)
- 电缆特性
 - 聚合物绝缘电缆 (XLPE、ERP等)
 - 铜或铝导体
 - 具有半导体或金属屏蔽
 - 导体尺寸25~120mm²
- For connection of polymeric cable to transformers, switchgear, motors and other equipment with a prem-oulded separable connector.
- For indoor and outdoor installations.
- System voltage up to 24 kV.
- Continuous current 250 A (300 A overload for 8 hours).
- Cable particulars:
 - Polymeric cable (XLPE, EPR, etc.)
 - Copper or aluminum conductors
 - Semiconducting or metallic screens
 - Conductor size 25~120 mm²

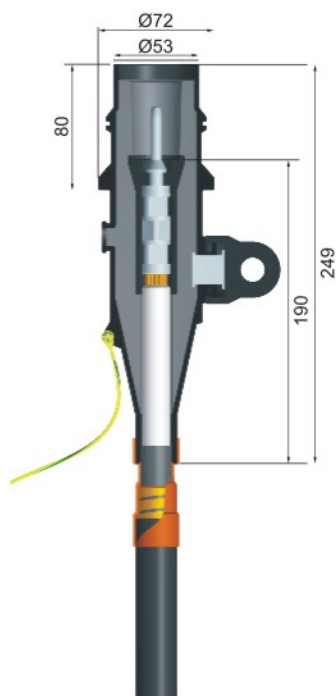
标准 Standards

满足GB/T 12706.4-2002及IEC 60502.4-2005标准的要求。
Will meet the requirements of GB/T 12706.4-2002及IEC 60502.4-2005.

电气性能 Ratings Overview

主要指标 Description	主要参数 Parameters
最高系统电压 (Um) Maximum system voltage	24kV
冲击耐压 Impulse withstand voltage	125kV
交流耐压 (5分钟) AC withstand voltage ,5min	54kV
持续额定电流 Continuous operating current	250A
过载电流 (最长8小时) Overload (8 hrs. Max.)	300A
短路电流1秒 Short circuit withstand 1s	12.5kA

注：额定值基于IEC标准，不代表其最大性能。
REMARK: All the data based on the standards IEC, Not the limited.



图一：外形尺寸图
Figure 1: Dimensions

标准包装 Scope of Delivery

- 直通电缆接头
- 铜或铝质压接端子
- 不锈钢安装压板
- 清洁纸
- 硅脂
- 安装指导说明书
- 产品合格证
- Straight connector
- Copper or Aluminium conductor cable lug
- Steel installation tool
- Clearing paper
- Silicone lubricant
- Installation instruction sheet
- Quality certificate

订货信息 Order Information

根据国内电缆厂家按照GB/T12706标准生产的8.7/10kV电缆尺寸，我们推荐250A肘型电缆接头订货编号如下表：

The cable meet the requirements of GB/T12706 in 7/10kV, the order information as following.

订货编号 Reference No.	多股线芯绞成同心电缆的截面积 (mm ²) Conductor cross section (mm ²)	电缆绝缘层外径尺寸 (mm) Stretch range over insulation (mm)	对应代码 Size of stress cone
SR ZT-10/250-25	25	16.3-19.9	A
SR ZT-10/250-35	35	16.3-19.9	A
SR ZT-10/250-50	50	16.3-19.9	A
SR ZT-10/250-70	70	19.8-23.5	B
SR ZT-10/250-90	95	23.1-27.1	F
SR ZT-10/250-120	120	23.1-27.1	F

注：选型时以电缆绝缘直径为准，导体截面为参考。

NOTE: The cable range is the basic element for choosing the product's type. The conductor size is just for a reference.

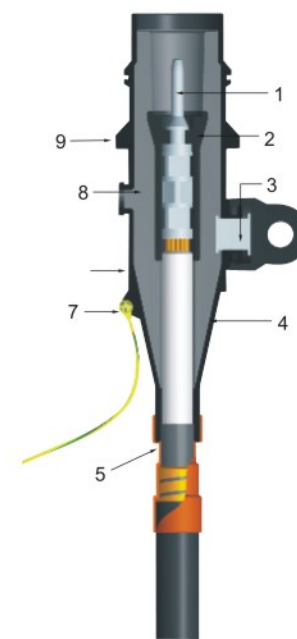
根据国内电缆厂家按照GB/T12706标准生产的12/20kV电缆尺寸，我们推荐250A直通电缆接头订货编号如下表：

The cable meet the requirements of GB/T12706 in 12/20kV, the order information as following.

订货编号 Reference No.	多股线芯绞成同心电缆的截面积(mm ²) Conductor cross section (mm ²)	电缆绝缘层外径尺寸(mm) Stretch range over insulation (mm)	对应代码 Size of stress cone
SR ZT-24/250-35	35	23.1-27.1	F
SR ZT-24/250-50	50	23.1-27.1	F
SR ZT-24/250-70	70	23.6-26.4	H
SR ZT-24/250-90	95	23.6-26.4	H
SR ZT-24/250-120	120	27.9-33.5	J

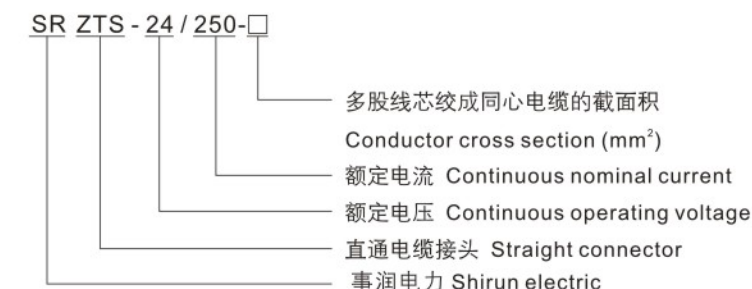
注：选型时以电缆绝缘直径为准，导体截面为参考。

NOTE: The cable range is the basic element for choosing the product's type. The conductor size is just for a reference.



图二：产品构造图
Figure 2: Illustrate Design Integrity

定货编号说明 Inference Information



安装 Installation

- 无需任何特殊工具，包带或填充；
- 电缆接头安装到相关部件后立即通电运行；
- 可与符合EN50180/EN50181 DIN47636/HN52-S-61标准规定的套管、接头或母排设备配合。
- Without any special tools.
- When finish the installation of elbow connector, the power can besupply directly.
- Can be used together with the bushing, cable connector and junction witch meet the requirement EN50180/EN50181 DIN47636/HN52-S-61.

产品构造 Product Structure

- 1、导电杆：与压接端子为一体式结构；
 - 2、内半导体层：预制的EPDM导电橡胶有效的控制电气应力；
 - 3、电压测试点：用于测试线路是否带电需要和带电指示器配合；
 - 4、应力锥应力控制：改善电场分布；
 - 5、电缆入口：开口尺寸与电缆匹配，并保证可靠的防水密封性能；
 - 6、外半导体层：预制的EPDM导电橡胶与电缆屏蔽的配合实现屏蔽连续，并确保外半导体层处于接地状态；
 - 7、接地眼：连接接地电缆将屏蔽层接地；
 - 8、绝缘层：高品质的EPDM（三元乙丙橡胶）制成；
 - 9、环形槽：可供三相固定卡环使用。
- 1、Conducting Rod: Inertia welded bimetallic compression connector accepts copper or aluminum conductors.
 - 2、SEMI-CONDUCTIVE INSERT: Moulded EPDM conducting rubber screen controls electrical stress.
 - 3、Capacitive Test Point: Capacitive test point provides a means to check circuit status. A moulded EPDM conducting rubber cap earths the test point when not in use.
 - 4、Stress Relief: The configuration of the outer screen and insulation provide cable stress relief.
 - 5、Cable Entrance: The sized opening provides an interference fit to maintain a watertight seal.
 - 6、SEMI-CONDUCTIVE SHIELD: Moulded EPDM conducting rubber mates with the cable screen to maintain screen continuity and ensure that the assembly is at earth potential.
 - 7、Grounding Eye: Moulded into the external screen for connection of an ear thing wire.
 - 8、Insulation: Moulded EPDM insulating rubber is formulated and mixed in-house to ensure high quality.
 - 9、Locking Ring Groove: Provision for an optional three-phase locking ring.



24kV 400A 加长套管座
Lengthen Apparatus Bushing

概述 General

24kV 400A套管座，为400A电缆接头提供接口，主要用于美式箱变、户外环网开关柜等设备。安装在美式箱变的一侧和高压绕组连接，安装在户外环网柜上做400A出线侧。

其材料为一种环氧树脂，具有良好的机械和电气性能，符合EN50180/EN50181 DIN47636/HN52-S-61。

24kV 400A Apparatus Bushing provide the interface for the 400A Cable connector and mostly used on the oil-insulated(R-temp, hydrocarbon, or silicon) apparatus, including switchgear, transformers, and capacitors.

The Apparatus Bushing are molded using high quality Epoxy Rubber, meet the requirement of standard EN50180/EN50181 DIN47636/HN52-S-61.

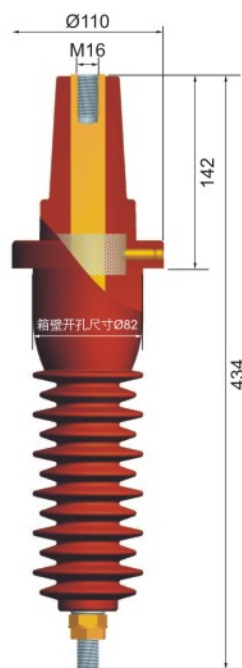
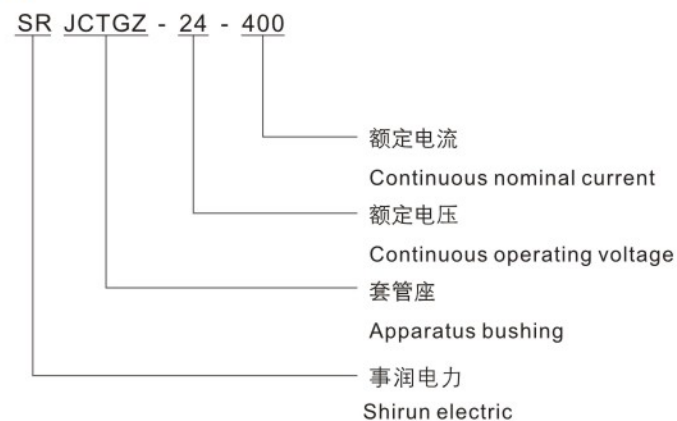
标准包装 Scope of Delivery

- 套管座
- 防尘盖
- 安装指导说明书
- 产品合格证
- Apparatus bushing
- Covering cap
- Installation instruction sheet
- Quality certificate

订货信息 Order Information

产品名称 Description	订货编号 Reference No.
24kV 400A 加长套管座 Lengthen Apparatus Bushing	SR JCTGZ-24/400

定货编号说明 Inference Information



外形尺寸图
Dimensions



24kV 400A 套管座
24kV 400A Apparatus Bushing

概述 General

24kV 400A套管座，为400A电缆接头提供接口，主要用于美式箱变、户外环网开关柜等设备。安装在美式箱变的一侧和高压绕组连接，安装在户外环网柜上做400A出线侧，与屏蔽型插拔式电缆接头连接。

其材料为一种环氧树脂，具有良好的机械和电气性能，符合EN50180/EN50181 DIN47636/HN52-S-61。

24kV 400A Apparatus Bushing provide the interface for the 400A Cable connector and mostly used on the oil-insulated(R-temp, hydrocarbon, or silicon) apparatus, including switchgear, transformers, and capacitors.

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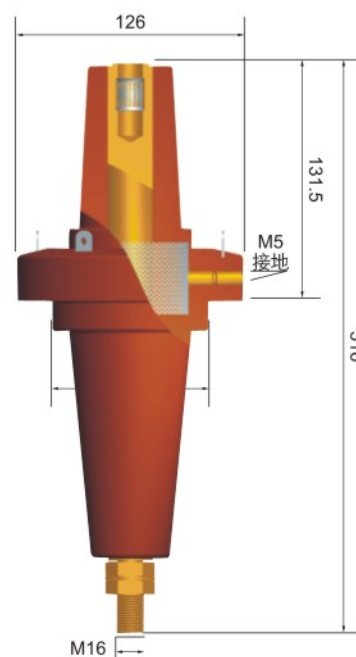
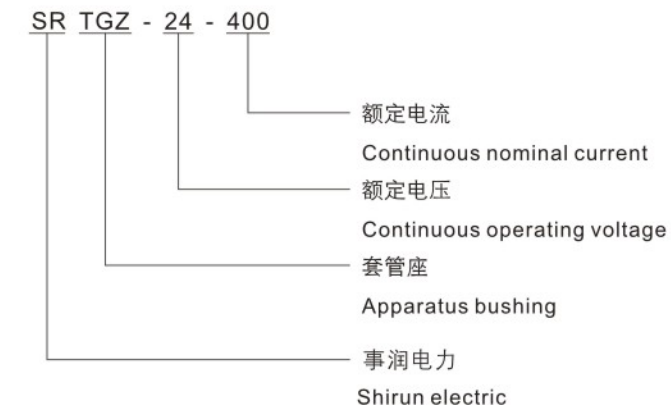
标准包装 Scope of Delivery

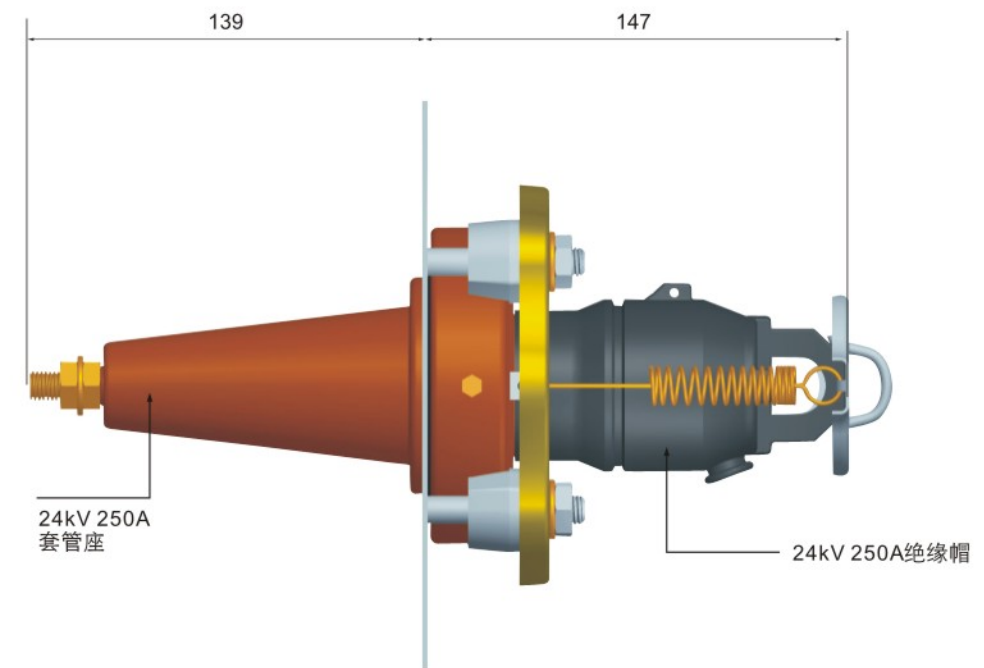
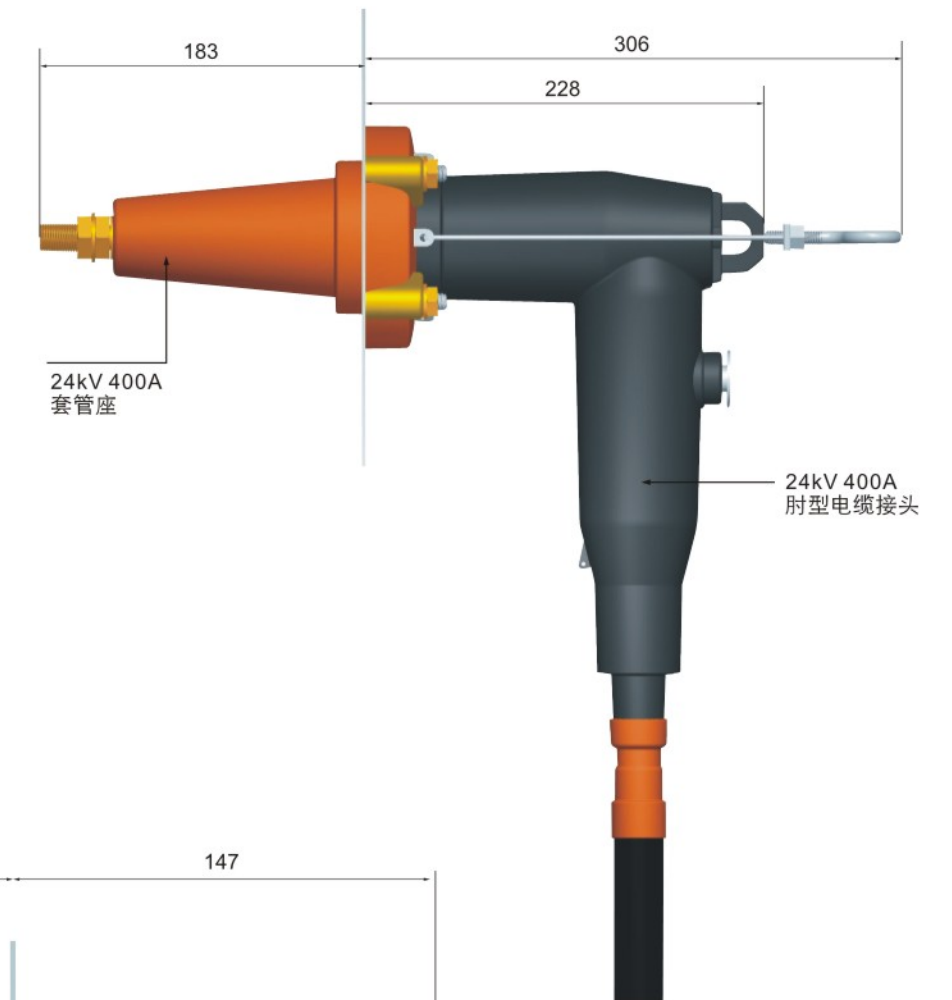
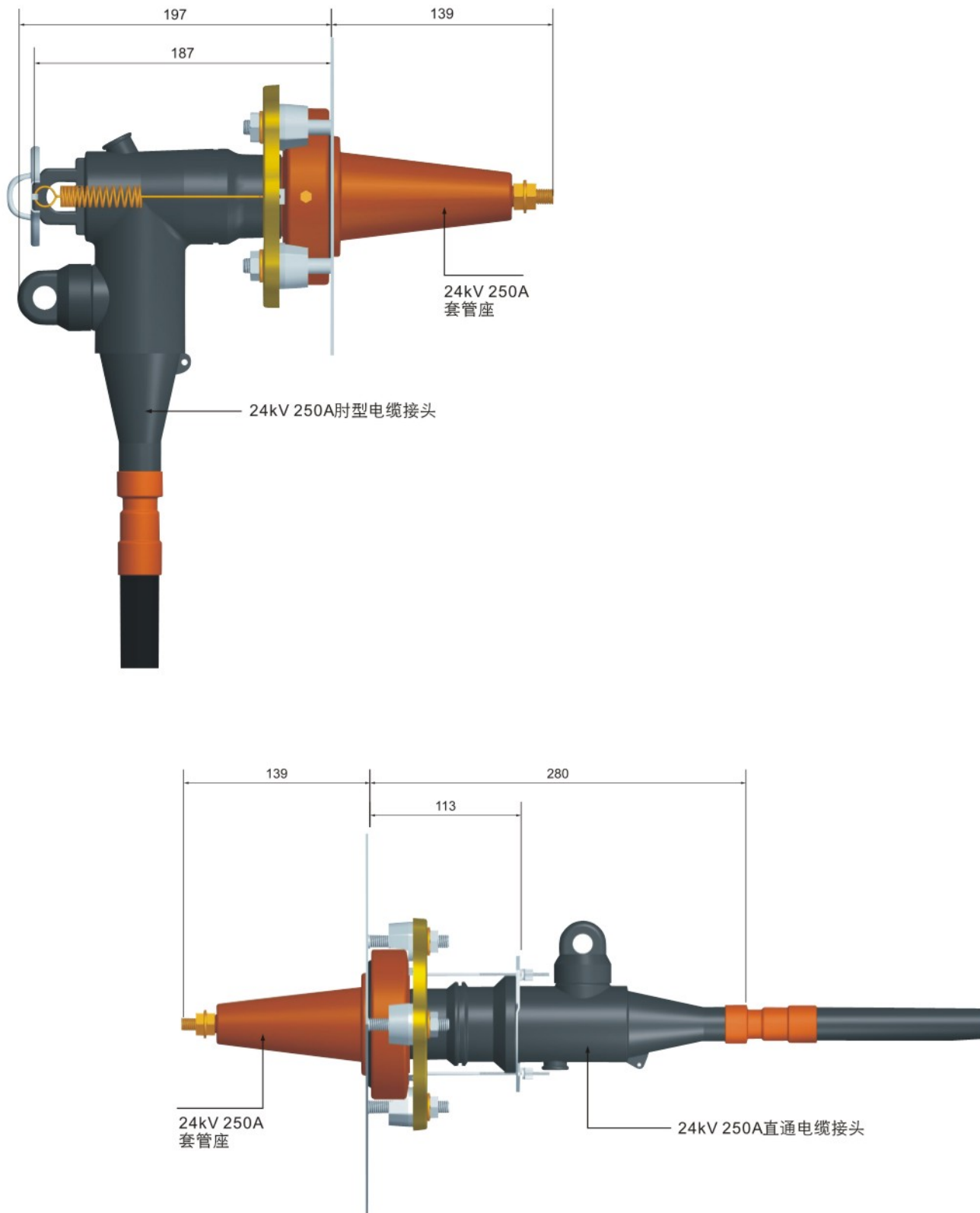
- 套管座本体
- 黑色防尘帽
- 安装法兰(可选)
- 安装指导说明书
- 产品合格证
- Apparatus bushing
- Covering cap
- Flange
- Installation instruction sheet
- Quality certificate

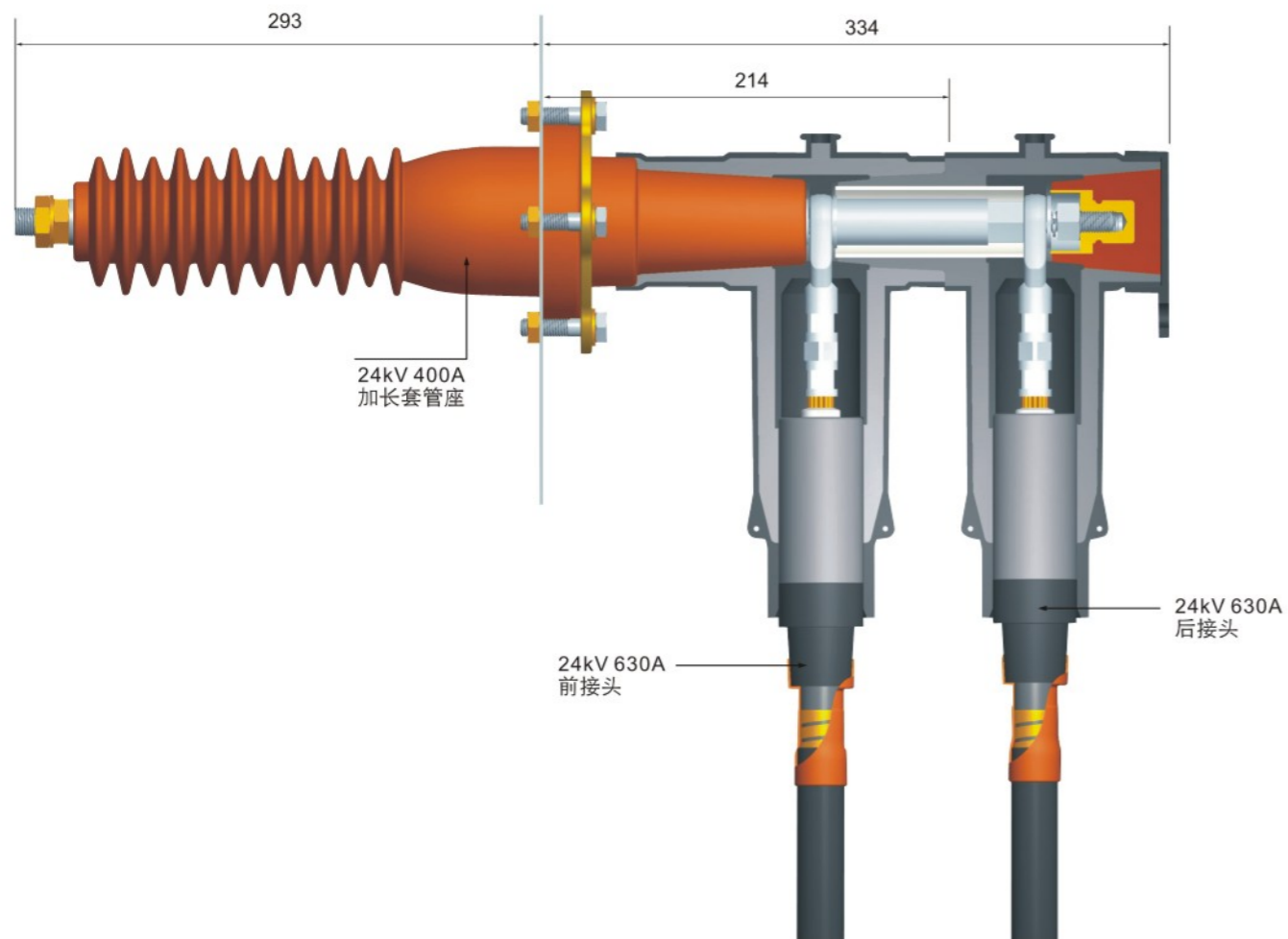
订货信息 Order Information

产品名称 Description	订货编号 Reference No.
24kV 400A 套管座 Apparatus Bushing	SR TGZ-24/400

定货编号说明 Inference Information







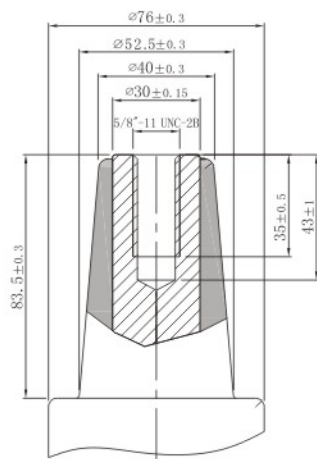
细致专业

成为最专注最完善
最值得信赖的电力附件制造企业
Become the most dedicated most perfect
The most trusted manufacturer of power attachments

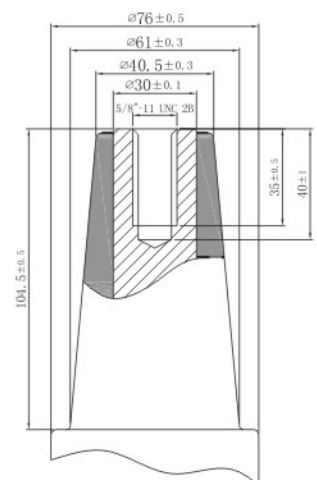


15KV/24KV/35KV 600A series
of cable accessories

15kV/24kV/35kV 600A系列电缆附件



15/24kV 标准接口
符合IEEE386标准
15/24kV Interface Dimensions
According to IEEE386 (in mm).



35kV 标准接口
符合IEEE386标准
35kV Interface Dimensions
According to IEEE386 (in mm).

执行标准 Implementation of standards

- ANSI IEEE std386-2006600V以上配电系统用可分离绝缘连接器系统;
- ANSI IEEE592-1990高压电缆接头和可分离绝缘连接器的外露半导体护套;
- IEC60502额定电压1kV(Um=1.2kV)以上至30kV(Um=35kV)挤出绝缘电力电缆及其附件;
- IEC61442额定电压6kV(Um=7.2kV)至30 kV(Um=35kV)电力电缆附件试验方法;
- GB12706-2002额定电压1kV(Um=1.2kV)至35kV(Um=40.5kV)挤出绝缘电力电缆及其附件;
- GB311.1-1997高压输配电设备的绝缘配合;
- GB/T41.9-1999高压套管技术条件;
- GB11032-2010交流无间隙金属氧化避雷器;
- DIN47636-7-1990带有伸出锥体的电力电缆可分附件套, Um在35 kV以下套管和可分连接件装置尺寸。
- Separable insulated connector system for distribution systems above; ANSI / IEEE Std386-2006600V;
- Exposed semiconductor jackets for high - voltage cable splices and separable insulated connectors;
- Extruded insulated power cables and their accessories with rated voltages above 1 kV (Um = 1.2 kV) to 30 kV (Um = 35 kV);
- Test methods for accessories for power cables with rated voltages from 6 kV (Um = 7.2 kV) to 30 kV (Um = 35 kV);
- Extruded insulated power cables and their accessories with rated voltages from 1 kV (Um = 1.2 kV) to 35 kV (Um = 40.5 kV).
- Insulation coordination of high - voltage transmission and distribution equipment GB311.1-1997;
- Technical condition of high - voltage bushing;
- Gap - free metal - oxide surge arresters;
- Power cables with extension cones - Partition sets, dimensions of sleeves and separable fittings for Um below 35 kV DIN 47636-7-1990.

电压特性 Continuous voltage ratings

项目 Item	15kV参数	24kV参数	35kV参数
额定电压 Continuous operating voltage	8.7kV/14.4kV	15.2kV 26.3kV	26kV/35kV
工频耐压 AC withstand voltage	45kV/1min	55kV/5min	117kV/5min
直流耐压 DC withstand voltage	53kV/15min	78kV/15min	104kV
雷电冲击耐压 1.5/50 μ s Impulse with stand voltage	95kV	125kV	215kV
局部放电电压<10PC Partial discharge voltage	13kV	22kV	45kV

电流性能 Current rating

项目 Item	200AMP	600AMP
负荷操作电流 Load operating current	可在14.4kV、200A下进行10次开断与闭合操作 Available in 14.4kV and 200A 10 times under breaking and closed operation	
故障闭合电流 Fault closed current	可在14.4kV、10000A/0.175下通过1次故障闭合操作 Available in 14.4kV, 1000A/0.175 1 times under by fault closed operation	
热稳定电流 Heat stable current	16kA 1s	30kA 2s
动稳定电流 Peak withstand current	10kA	105kA



15kV 600A T型电缆接头
15kV 600A T Deadbreak Connector

概述 General

T型电缆接头选用EPDM(三元乙丙橡胶)制成。用于电缆连接设备, 美式箱变, 环网柜及电缆分接箱等, 作为进出线电缆连接。可连接600A母排, 亦可通过中间接头进行T-T多组合连接, 亦可通过600/200A转换头连接200A肘型电缆接头或肘型避雷器。在其带电测试点上可安装带电指示器, 亦可满足线路核相要求。

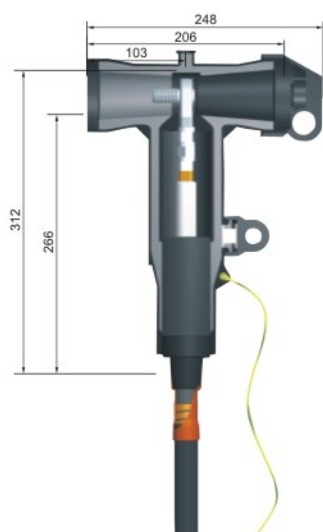
15kV/24kV 600A Class T Dead break Connector is used to terminate high voltage underground cable to transformers, switches, switchgear and other apparatus. It is fully shielded, submersible. Our Systems offers an exclusive optional capacitive test point similar to test points on 200A elbow connectors. This allows use of Fault Indicators. T connectors include the T Cable Connector and the load break bushing extender. They also provides a convenient location for a M.O.V.E. arrester or grounding elbow. They available conductor cross section is 25-500mm² for 24kV cable.

标准包装 Scope of Delivery

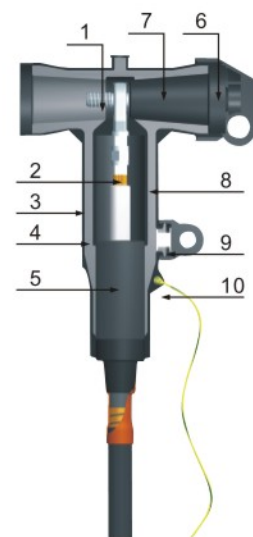
- T型电缆接头本体
- 绝缘子(含半导体封帽)
- 压接端子
- 应力锥
- 双头螺栓
- 清洁纸
- 硅脂
- 安装指导说明书
- 产品合格证
- T Cable connector
- Insulator
- Conductor cable lug
- Adaptor
- Two-head Screw
- Clearing Paper
- Silicone Lubricant
- Installation Instruction Sheet
- Quality Certificate

15kV电缆型号配置表 Order information

产品型号 Reference No.	多股线芯绞成同心的 电缆截面积(mm ²) Conductor cross section (mm ²)	电缆绝缘层 外径(mm) Stretch range over insulation (mm)	电缆 型号 Cable Type	对应 代号 Size of stress cone
SR TT 15/600-24	24	16.6	8.7/15	A
SR TT 15/600-35	35	17.6	8.7/15	A
SR TT 15/600-50	50	19	8.7/15	A
SR TT 15/600-70	70	20.6	8.7/15	B
SR TT 15/600-95	95	22.2	8.7/15	B
SR TT 15/600-120	120	23.6	8.7/15	C
SR TT 15/600-150	150	25.2	8.7/15	C
SR TT 15/600-185	185	26.7	8.7/15	C
SR TT 15/600-240	240	29	8.7/15	D
SR TT 15/600-300	300	31.2	8.7/15	D
SR TT 15/600-400	400	34.4	8.7/15	E
SR TT 15/600-500	500	37.2	8.7/15	F



图一：外形尺寸图
Figure 1: Dimensions



图二：产品构造图
Figure 2: Illustrate Design Integrity

24kV电缆型号配置表 Order information

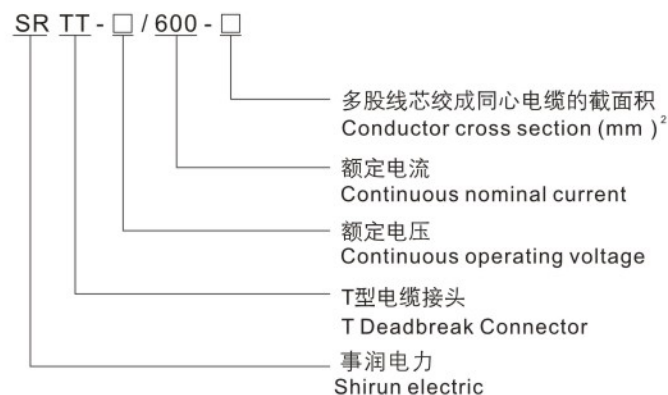
产品型号 Reference No.	多股线芯绞成同心的 电缆截面积(mm ²) Conductor cross section (mm ²)	电缆绝缘层 外径(mm) Stretch range over insulation (mm)	电缆 型号 Cable Type	对应 代号 Size of stress cone
SR TT 24/600-35	35	18.6	12/20	B
SR TT 24/600-50	50	19.6	12/20	B
SR TT 24/600-70	70	21	12/20	B
SR TT 24/600-95	95	22.6	12/20	C
SR TT 24/600-120	120	24.2	12/20	C
SR TT 24/600-150	150	25.6	12/20	C
SR TT 24/600-185	185	27.2	12/20	D
SR TT 24/600-240	240	28.7	12/20	D
SR TT 24/600-300	300	31.1	12/20	E
SR TT 24/600-400	400	33.2	12/20	E

24kV电缆型号配置表 Order information

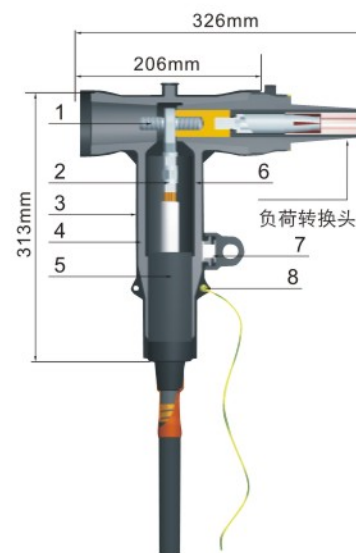
产品型号 Reference No.	多股线芯绞成同心的 电缆截面积(mm ²) Conductor cross section (mm ²)	电缆绝缘层 外径(mm) Stretch range over insulation (mm)	电缆 型号 Cable Type	对应 代号 Size of stress cone
SR TT 24/600-50	50	26	18/20	D
SR TT 24/600-70	70	27.6	18/20	D
SR TT 24/600-95	95	29.2	18/20	D
SR TT 24/600-120	120	30.6	18/20	E
SR TT 24/600-150	150	32.2	18/20	E
SR TT 24/600-185	185	33.7	18/20	E
SR TT 24/600-240	240	36.1	18/20	F
SR TT 24/600-300	300	38.2	18/20	F

注：选型时以电缆外径为决定因素，导体截面为参考。
NOTE: The cable range is the basic element for choosing the product's type. The conductor size is just for a reference.

定货编号说明 Inference information



15kV/24kV 600A TII T型电缆接头
TII T Deadbreak Connector



图一：外形尺寸图
Figure 1: Dimensions

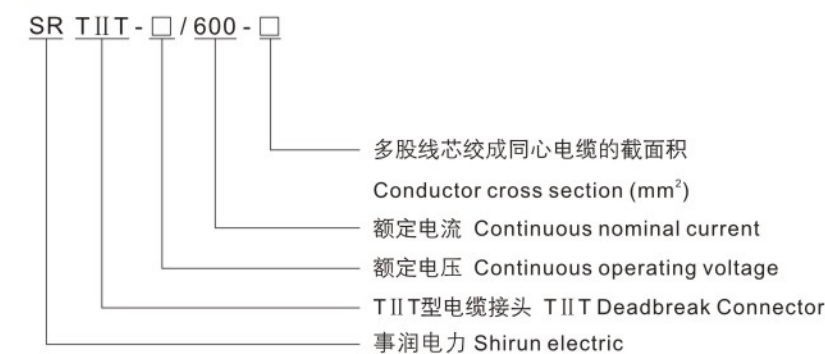
标准包装 Scope of Delivery

- TII T电缆接头本体
- 压接端子
- 负荷转换接头
- 应力锥
- 双头螺栓
- 内六角扳手
- 清洁纸
- 硅脂
- 200A绝缘保护帽(可选)
- 安装指导说明书
- 产品合格证
- TII T Cable Connector
- Conductor Cable Lug
- Bushing Extender
- Adaptor
- Two-head Screw
- Hex Wrench
- Clearing Paper
- Silicone Lubricant
- 200A Covering Cap (Optional)
- Installation Instruction Sheet
- Quality Certificate

产品构造 Product Structure

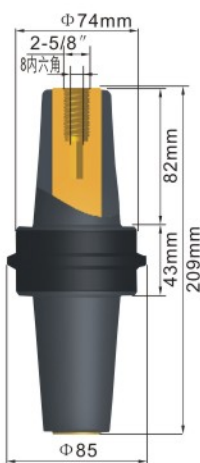
- 连接螺杆：镀锡的铜双头螺杆，确保和套管紧密配合。
- 压接端子：根据电缆材质的不同，选择铜质压接端子或铜铝压接端子。
- 外半导体层：预制的EPDM导电橡胶与电缆屏蔽的配合实现屏蔽连续，并确保外半导体层处于接地状态。
- 绝缘层：特有的配方和混合技术确保预制EPDM绝缘橡胶的优质品质。
- 应力锥：改善电场分布。
- 内半导体层：预制的EPDM导电橡胶有效的控制电气应力。
- 电压测试点：用于测试线路是否带电需要和带电指示器配合。
- 接地眼：使设备接地。
- Connecting screw: tin-plated copper double-headed screw, and casing to ensure close co-ordination.
- Crimp terminal: Depending on the cable material, select the copper crimp terminal or copper-aluminum crimp terminal.
- The outer semiconducting layer: prefabricated EPDM conductive rubber and cable shielding to achieve continuous shielding, and to ensure that the outer half The conductive layer is in a grounded state.
- The insulation layer: the unique formula and mixing technology to ensure that the quality of pre-made EPDM insulation rubber quality.
- Stress cone: to improve the electric field distribution.
- The semi-conductive layer: prefabricated EPDM conductive rubber effective control of electrical stress.
- The voltage test points: for testing whether the line charged with the need and charged indicator.
- Grounded eye: the equipment ground.

定货编号说明 Inference information

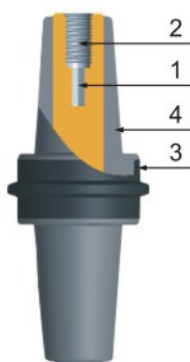




15kV/24kV 600A T头连接头
15kV/24kV 600A Deadbreak T Connector



图一：外形尺寸图
Figure 1: Dimensions



图二：产品构造图
Figure 2: Illustrate Design Integrity

概述 General

600A T头连接头为600AT型电缆接头提供一个过渡,主要用于电缆头直接组合的场合(不需要母排连接)。与之相连常用的电缆附件有:T型接头, T-II型接头等。

其材料采用高品质EPDM(三元乙丙橡胶)制成。

600A Dead break T Connector Plugs are used to connect two or more 600A dead break terminators. Dead break Connector plugs are typically used in a separable splice, or with a bushing extender, to increase the distance from the apparatus front plate to the 600A terminator, easing cable training. The Load break Elbows are molded using high quality sulfur-cured insulating and semi-conducting EPDM rubber.

标准包装 Scope of Delivery

- T头连接头
- 内六角扳手
- 清洁纸
- 硅脂
- 安装指导说明书
- 产品合格证
- Tee connector plug
- Hex wrench
- Clearing Paper
- Silicone Lubricant
- Installation Instruction Sheet
- Quality Certificate

订货信息 Order Information

产品名称 Description	订货编号 Reference No.
600A 15kV T头连接头 T Connector	SR TTL-15/600
600A 24kV T头连接头 T Connector	SR TTL-24/600

定货编号说明 Inference Information



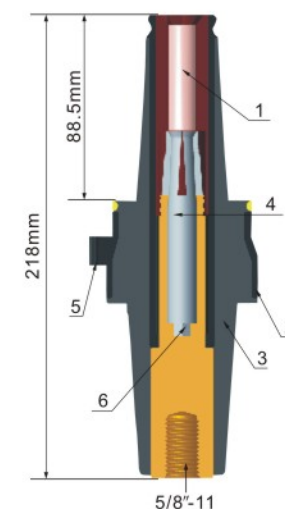
产品构造 Product Structure information

- 1、内六角：与内六角扳手配合使用，方便操作。
- 2、铜质导电柱：带 5/8" -11 螺纹的接口，符合IEEE386标准。
- 3、外半导体层：预制EPDM导电橡胶符合IEEE592标准。
- 4、绝缘层：高品质，特殊工艺处理的EPDM绝缘橡胶增强了产品的电气性能。

- 1、Hex wrench: easy to installation.
- 2、Current-carrying component: is an industry standard, 5/8"-11 threaded rod, available in both aluminum and copper, meet the requirement standard IEEE386.
- 3、SEMI-CONDUCTIVE SHIELD: High-quality EPDM rubber provides protective dead front shield that meets requirements of IEEE Standard 592.
- 4、INSULATION: High-quality EPDM rubber formulated, mixed, and milled in-house for consistent and reliable field performance.



15kV 600A/200A 负荷转换头
Integral Deadbreak Bushing



产品构造图
Illustrate Design Integrity

概述 General

600A/200A负荷转换头用于600A T型接头或600A 延伸管连接，为600A系统提供200A接口，可连接200A肘型接头、肘型避雷器在200A负荷以下可带电插拔，作为负荷开关使用，与T型接头组成T II头。

600A/200A Integral Dead break Bushing is used to convert a standard 600A dead break interface to a standard 200A load break interface. Used with a 200A insulated protective cap, M.O.V Elbow Arrester, Grounding Elbow or Load break Elbow Connector, A integral dead break bushing provides a fully shielded. It will be T-II connector if connect with T connector.

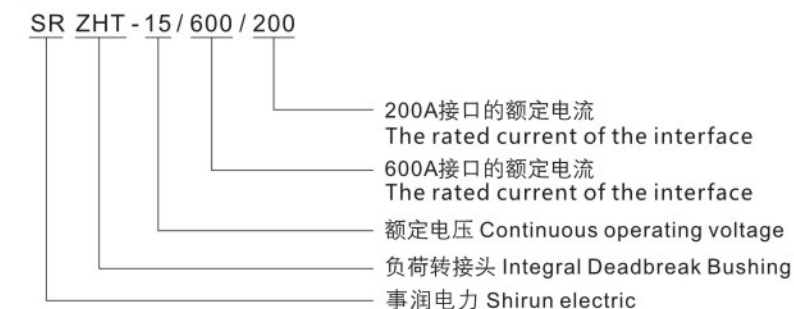
标准包装 Scope of Delivery

- 负荷转换头本体
- 双头螺栓
- 内六角扳手
- 清洁纸
- 硅脂
- 红色防尘帽(非绝缘保护帽)
- 安装指导说明书
- 产品合格证
- Integral Deadbreak Bushing
- Two-head Screw
- Hex Wrench
- Clearing Paper
- Silicone Lubricant
- Covering cap
- Installation Instruction Sheet
- Quality Certificate

订货信息 Order Information

产品名称 Description	订货编号 Reference No.
600A/200A 负荷转换头 Load transfer adapter	SR ZHT-15/600/200

定货编号说明 Inference Information



产品构造 Product Structure information

- 1、消弧室：电缆接头插拔操作时，有效的消除电弧对产品的影响。
- 2、外半导体层：预制式的EPDM导电橡胶符合IEEE592标准。
- 3、绝缘层：特有配方和混合技术确保预制EPDM绝缘橡胶的优质品质。
- 4、铜质接头：特殊工艺处理的铜质接头。
- 5、接地眼：通过接地眼，使产品接地。



15kV/24kV 600A 延伸管
Class Bushing Extender

概述 General

600A延伸管与转换头配合成为带延伸管的600A/200A转换头，可直接安装在600A母排或600A套管上，200A插孔可安装肘型避雷器或肘型电缆接头。

600A class bushing extender allow installation on standard de-energized 600A dead break interfaces for coupling reducing tap plugs, connecting plugs and apparatus bushings. 200A Load break interfaces for Elbow surge arrester and elbow connector. When assembled to mating apparatus, it provides a completely submersible, fully shielded unit.

标准包装 Scope of Delivery

- 600A延伸管
- 蓝色防尘帽(非绝缘保护帽)
- 清洁纸
- 硅脂
- 安装指导说明书
- 产品合格证
- Class bushing extender
- Covering cap
- Clearing Paper
- Silicone Lubricant
- Installation Instruction Sheet
- Quality Certificate

订货信息 Order Information

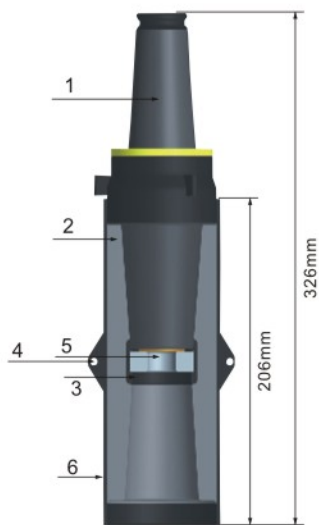
产品名称 Description	订货编号 Reference No.
15kV 600A 延伸管 Class bushing extender	SR YCG-15/600
24kV 600A 延伸管 Class bushing extender	SR YCG-24/600

定货编号说明 Inference information



产品构造 Product Structure information

- 1、负荷转换头：在订货时，按照需要可预先装入延伸管；
 - 2、绝缘层：高品质的特殊工艺处理的EPDM制成；
 - 3、内半导体层：良好控制电场应力；
 - 4、接地眼：提供地线连接；
 - 5、导电铜圈：连接负荷转换头；
 - 6、外半导体层：预制的EPDM半导体橡胶负荷符合IEEE 592标准。
- 1、Class bushing extender: Pre-assembled into bushing extender when bushing adapter is ordered.
 - 2、INSULATION: High-quality EPDM rubber formulated, mixed, and milled in-house for consistent and reliable field performance.
 - 3、SEMI-CONDUCTING INSERT: Controls electrical stresses.
 - 4、DRAIN WIRE TAAH: Drain Wire Tabs provide convenient drain wire connection points to the molded conductive shield and palce the shield at ground potential.
 - 5、Threaded Copper Insert: To connect with the Load break Reducing Tap Plug.
 - 6、SEMI-CONDUCTING SHIELD: Molded Semi-conducting EPDM Shield meets the requirements of IEEE Standard 592TM.



产品构造图
Illustrate Design Integrity



15kV 600A 绝缘帽
15kV 600A Insulated Protective Cap

概述 General

15kV/24kV 600A 绝缘帽是带电套管的附属配件，为带电套管提供绝缘封套，对不带电的接头提供防尘，防潮封套。

600A绝缘帽可以安装在600A套管、母排及壁挂等设备上，当母排和电缆接头预留有备用出线时，必须用600A绝缘帽将其密封。

15kV/24kV 600A Insulated Protective Cap is an accessory device designed to electric ally insulate and mechanically seal load break bushing interfaces. When mated to a load break product and the drain wire is attached to ground, the Insulated Protective Cap provides a fully shielded, submersible insulating cover for energized bushings. The Insulated Protective Cap can be used for permanent or temporary installation on 600A bushings, junctions or insulated stand off bushing.

标准包装 Scope of Delivery

- 绝缘帽
- 清洁纸
- 硅脂
- 安装指导说明书
- 产品合格证
- Insulated protective cap
- Clearing paper
- Silicone lubricant
- Installation instruction sheet
- Quality certificate

订货信息 Order Information

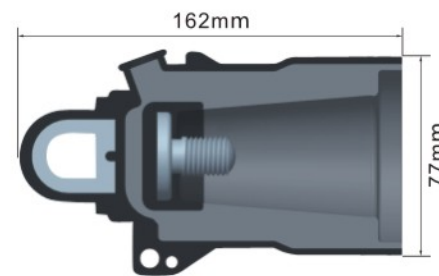
产品名称 Description	订货编号 Reference No.
600A 15kV绝缘帽 Insulated Protective Cap	SR JYM-15/600
600A 24kV绝缘帽 Insulated Protective Cap	SR JYM-24/600

定货编号说明 Inference Information

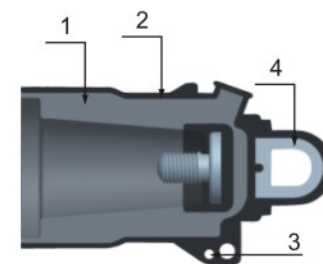


产品构造 Product Structure information

- 操作环：由不锈钢制成，方便产品的安装与操作；
 - 绝缘层：特有配方和混合技术确保预制EPDM绝缘橡胶的优质品质；
 - 外半导体层：预制式的EPDM导电橡胶符合IEEE592标准；
 - 内螺纹：部螺纹为5/8"-11；
 - 接地眼：通过接地眼，使产品接地。
- The operating ring: made of stainless steel to facilitate the installation and operation of products;
 - The insulation layer: a unique formula and mixing technology to ensure that pre-EPDM insulation rubber quality;
 - The outer semiconducting layer: prefabricated EPDM conductive rubber in line with IEEE592 standard;
 - The internal thread: the Department of thread 5/8 "-11;
 - Grounded eye: ground through the eye, the product ground.



图一：外形尺寸图
Figure 1: Dimensions



图二：产品构造图
Figure 2: Illustrate Design Integrity



概述 General

15kV 600A 美式一体式套管应用于带SF6负荷开关分支箱上与美式600AT型电缆接头连接。

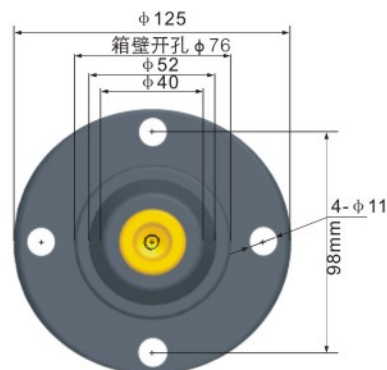
其采用高品质的环氧树脂制成，伞裙结构的设计增加了爬电距离，提高了设备的电气性能，使电气安全性大为提高。

600A Integral Dead break or Vacuum Switch Bushing are designed for Cable Branch Cabinet with S₆ Switch. Separable connectors, such as 600A T and T-II dead break connectors can be used with these bushing.

These bushing are made by Epoxy Resin. With the skirt make the Dead break Rotatable Feedthru Bushing can be used better.

标准包装 Scope of Delivery

- 美式一体式套管本体
- 安装指导说明书
- 产品合格证
- Integral Deadbreak Bushing
- Installation Instruction Sheet
- Quality certificate



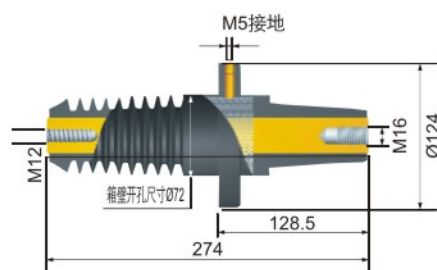
订货信息 Order Information

产品名称 Description	订货编号 Reference No.
600A 15kV美式一体式套管 600A 15kV Integral Deadbreak Bushing	SR JCTG-15/600

定货编号说明 Inference Information

SR JCTG - 15 / 600

- 额定电流 Continuous operating voltage
- 额定电压 Continuous nominal current
- 美式一体式套管 Integral Deadbreak Bushing
- 事润电力 Shirun electric



外形尺寸图
Dimensions

概述 General

600A 母排在电缆分支线路中起到母线的作用。其特点为全绝缘，全密封。600A 母排可以T型电缆接头、T-II电缆接头、600A延伸管和600A绝缘帽配合组成电缆多分支线路。

600A母排选用高品质绝缘材料制成。

600A Busbar in the cable branch line play the role of bus. Its characteristics are fully insulated, fully sealed. 600A busbar can T-type cable connector, T-II cable connector, 600A extension tube and 600A insulated cap with the composition of cable multi-branch line.

600A Busbar made of high quality insulating material.

标准包装 Scope of Delivery

- 600A母排本体
- 安装指导说明书
- 产品合格证
- Busbar body
- Installation Instruction Sheet
- Quality Certificate

订货信息 Order Information

订货编号 Reference No.	额定电压 Continuous operating voltage	额定电流 Continuous nominal current
SR MP2-15/600	15kV	600A
SR MP3-15/600	15kV	600A
SR MP4-15/600	15kV	600A
SR MP2-24/600	24kV	600A
SR MP3-24/600	24kV	600A
SR MP4-24/600	24kV	600A

定货编号说明 Inference Information

SR MP □ - □ / 600

- 额定电流 Continuous nominal current
- 额定电压 Continuous operating voltage
- 分支数 Number of branches
- 母排 Busbar
- 事润电力 Shirun electric



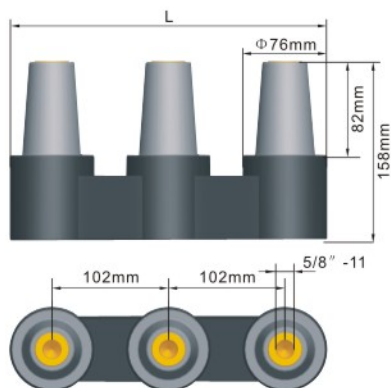
15kV/24kV 600A 二路母排
15kV/24kV 600A Two-way busbar



15kV/24kV 600A 三路母排
15kV/24kV 600A Three-way busbar

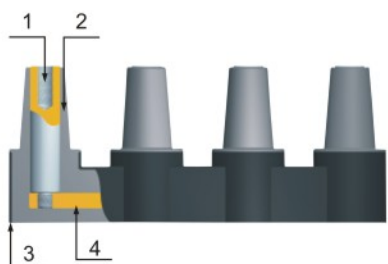


15kV/24kV 600A 四路母排
15kV/24kV 600A Four-way busbar



名称	二通 2	三通 3	四通 4
L	178mm	280mm	382mm

图一：外形尺寸图
Figure 1: Dimensions

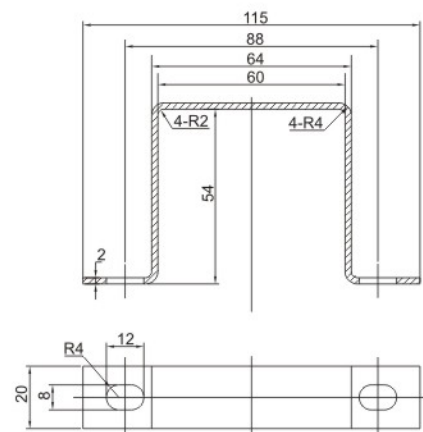


图二：产品构造图
Figure 2: Product Structure Diagram

产品构造 Product Structure

- 1、铜质接口：5/8" -11接口，符合IEEE386标准；
- 2、绝缘层：特有配方和混合技术确保预制EPDM绝缘橡胶的优秀品质；
- 3、外半导体层：特殊工艺处理的EPDM导电橡胶符合IEEE592标准；
- 4、铜质导电排：铜材料制成的导电排，保证电流顺畅的同时，能起到良好的冷却作用。

- 1、COPPER CONNECTOR: 5/8" -11 connector meets requirements of IEEE Standard 386.
- 2、EPDM INSULATION: High quality sulfur cured EPDM insulation is mixed and formulated in-house for complete control of insulating rubber characteristics.
- 3、SEMI-CONDUCTIVE SHIELD: Molded Semi-conductive EPDM shield meets requirements of ANSI/IEEE Standard 592.
- 4、COPPER CONDUCTING BAR: The conductive row is made of copper, It can ensure current smooth and play g good cooling effect.



概述 General

200A/600A 异形母排应用于带SF6负荷开关或真空断路器电缆分支箱，构造灵活多变，满足多种接线方式，分欧式与美式两种，有二通、三通、四通，可组合成200A接头，600A接头，600A、200A混合接头，带伞裙接头为欧式630A接头，可通过十字接头和丁字接头与开关连线端相连，实现全绝缘、全密封。

200A/600A Shaped busbar provide two, three or four 200A load break and 600A dead break, 15kV mixed interfaces on one side that are internally bused together and meet all requirements of ANSI/IEEE 386-Separable Insulated Connector Systems. When mated with a comparably rated product, the junction provides a fully shielded, fully insulated, separable connection for load break or dead break operation. It is available with an adjustable bracket for mounting at various operating angles on flat or cured surfaces.

标准包装 Scope of Delivery

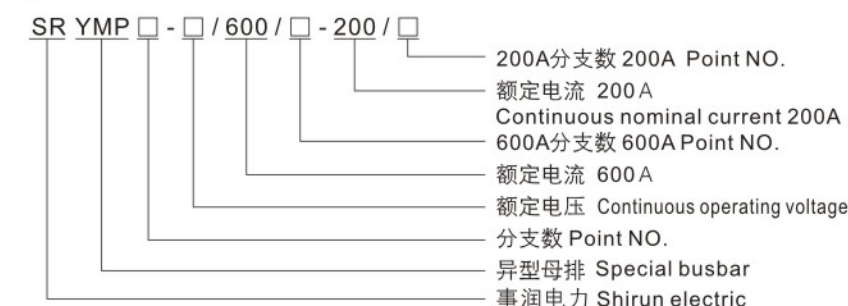
- 200A/600A异形母排本体
- 防尘帽（非绝缘保护帽）
- 安装指导说明书
- 产品合格证
- Special busbar body
- Covering cap
- Installation Instruction Sheet
- Quality Certificate

订货信息 Order Information

订货编号 Reference No.	额定电流 Continuous nominal current	分支数 Point NO.
SR YMP2-15/600	600A	2
SR YMP3-15/600		3
SR YMP4-15/600		4
SR YMP2-15/200		200A
SR YMP3-15/200	3	
SR YMP4-15/200	4	
SR YMP2-15/630	630A	
SR YMP3-15/630		3
SR YMP4-15/630		4
SR YMP4-15/600/1-200/3		600A 200A 异形母排
SR YMP4-15/600/2-200/2	4	
SR YMP4-15/600/3-200/1	4	
SR YMP3-15/600/1-200/2	Specific Junction	
SR YMP3-15/600/2-200/1		3
SR YMP2-15/600/1-200/1		2

注：在选型时，请注明主回路的正（Z）或偏（P）形状。
Note: In the model selection, please indicate the main loop is (Z) or partial (P) shape.

定货编号说明 Inference Information





15kV 600A-200A 混合母排
15kV 600A-200A Mixed busbars

概述 General

600A/200A混合母排集合了200A和600A螺栓式的母排接口。混合母排由高品质EPDM制成，具有全绝缘、全密封的特性。

与T型电缆接头、T-II 电缆接头或肘型电缆接头连接，配置灵活多样。

600A/200A Dead break mixed busbars is compound of 200A load break junction and 600A dead break junction When mated with a comparably rated product, the junction provides a fully shielded, separable connection for load break or dead break operation. The 200A interface is connected with 200A load break connectors and the 600A interface is connected with dead break connectors. It is available

With an adjustable bracket for mounting at various operating angles on flat or curved surfaces. The body is molded of high quality EPDM.

标准包装 Scope of Delivery

- 混合母排本体
- 防尘帽(非绝缘保护帽)
- 安装指导说明书
- 产品合格证
- Mixed busbar body
- Coving cap
- Installation Instruction Sheet
- Quality Certificate

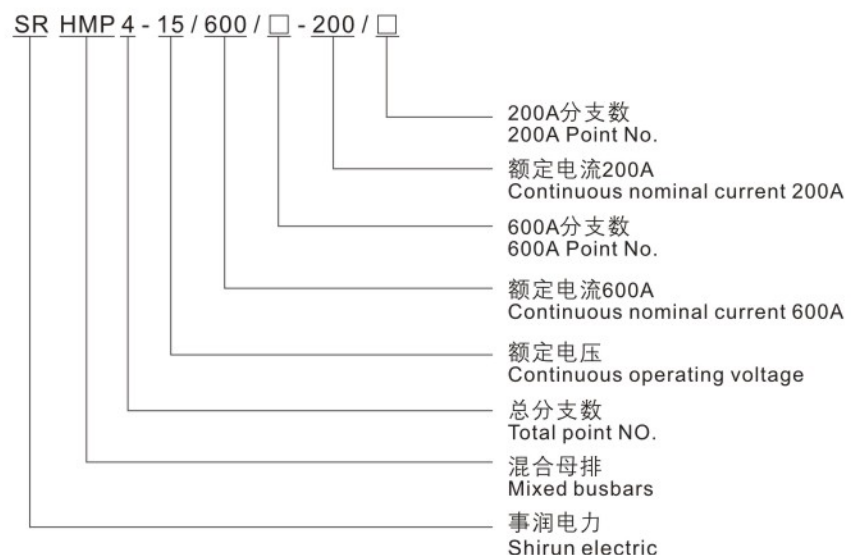
订货信息 Order Information

订货编号Reference No.	额定电压 Continuous operating voltage
SR HMP4-15/600/1-200/3	15kV
SR HMP4-15/600/2-200/2	15kV
SR HMP4-15/600/3-200/1	15kV



15kV 600A-200A 混合母排
15kV 600A-200A Mixed busbars

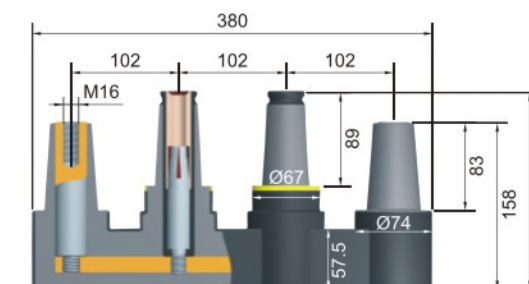
定货编号说明 Inference Information



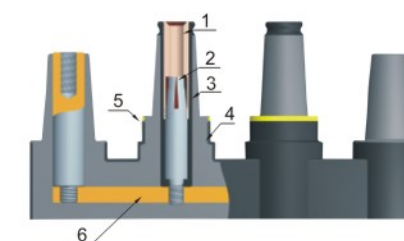
产品构造 Product Structure

- 1、灭弧管：由特殊的消弧材料制作而成，在插拔操作时有效消除电弧；
- 2、插拔座：铜质接头紧固在铜质导电排上；
- 3、绝缘层：特有配方和混合技术确保预制EPDM绝缘橡胶的优秀品质；
- 4、外半导体层：特殊工艺处理的EPDM导电橡胶符合IEEE592标准；
- 5、指示黄圈：用于指示产品安装是否到位；
- 6、连接铜排：铜材料制成的导电排，保证电流顺畅的同时，能起到良好的冷却作用。

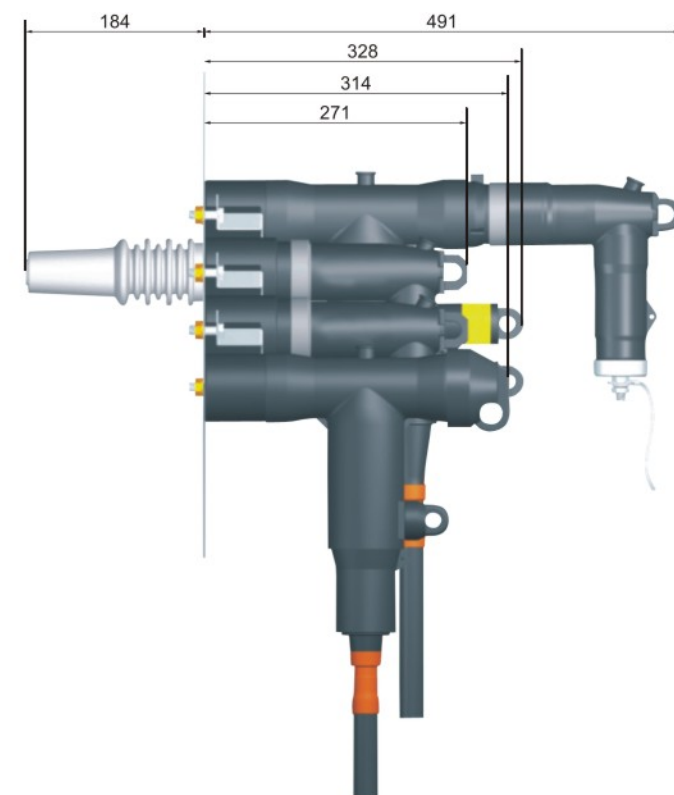
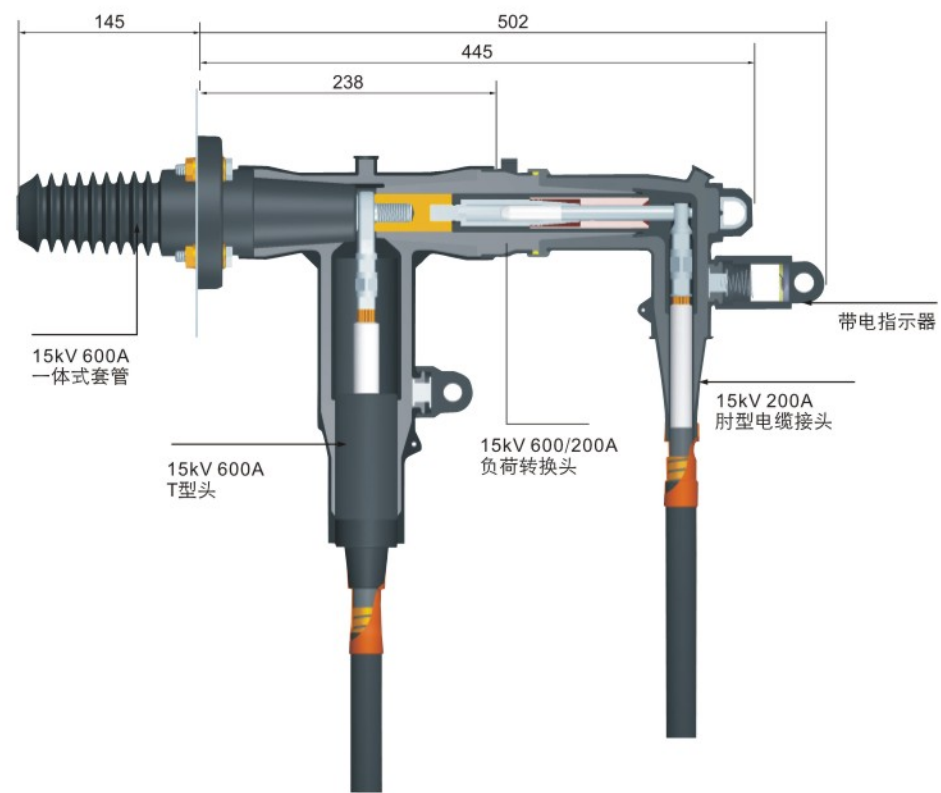
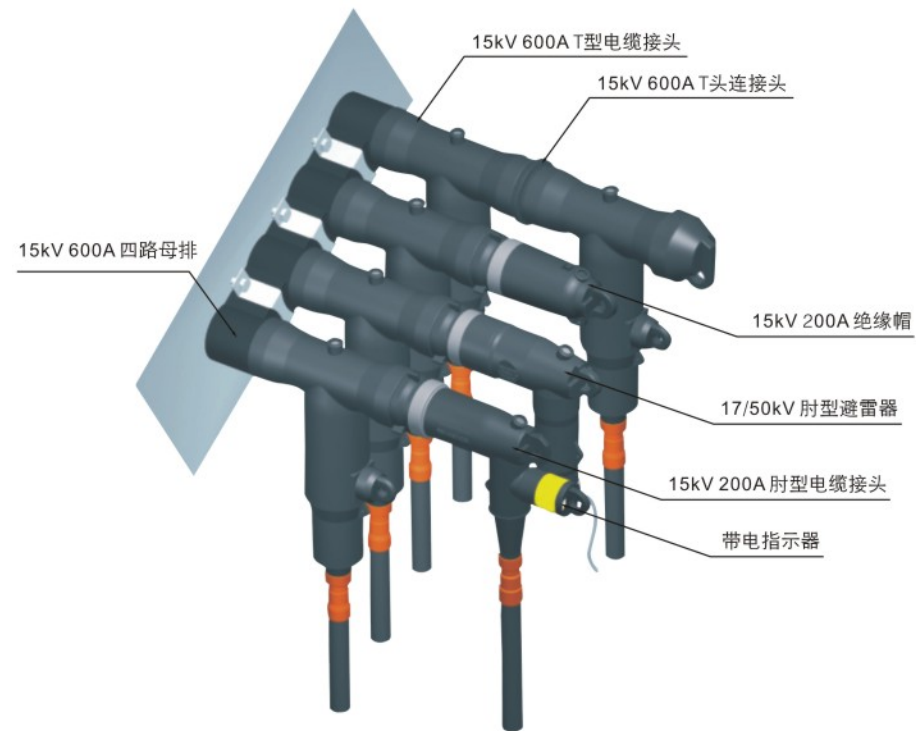
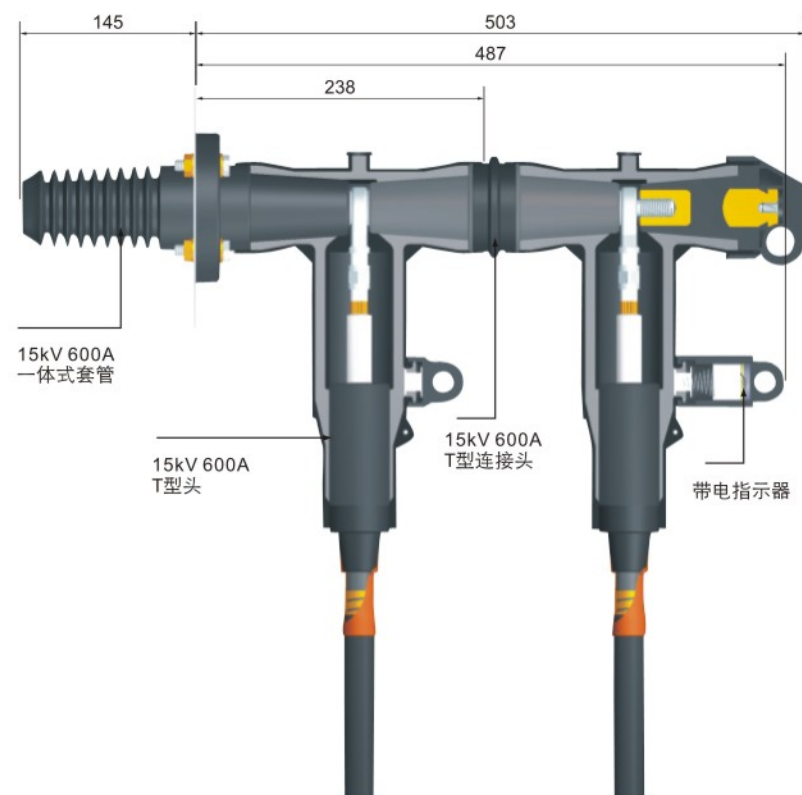
- 1、ARCING TUBE: Be made from special materials, Eliminate arc effectively when inserted operation.
- 2、INSERTED SEAT: Copper fittings arc fixed in copper conducting bar.
- 3、EPDM INSULATION: High-quality EPDM rubber formulated, mixed, and milled in-house for consistent and reliable field performance.
- 4、SEMI-CONDUCTIVE SHIELD: Molded Semi-conductive sulfur-cured EPDM shield meets requirements of IEEE Standard 592TM.
- 5、LATCH INDICATOR RING: Molded-in bright yellow ring eliminates elbow installation guesswork by assuring a quality connection.
- 6、COPPER CONNECTING: The conductive row is made of copper, It can ensure current smooth and play good cooling effect.

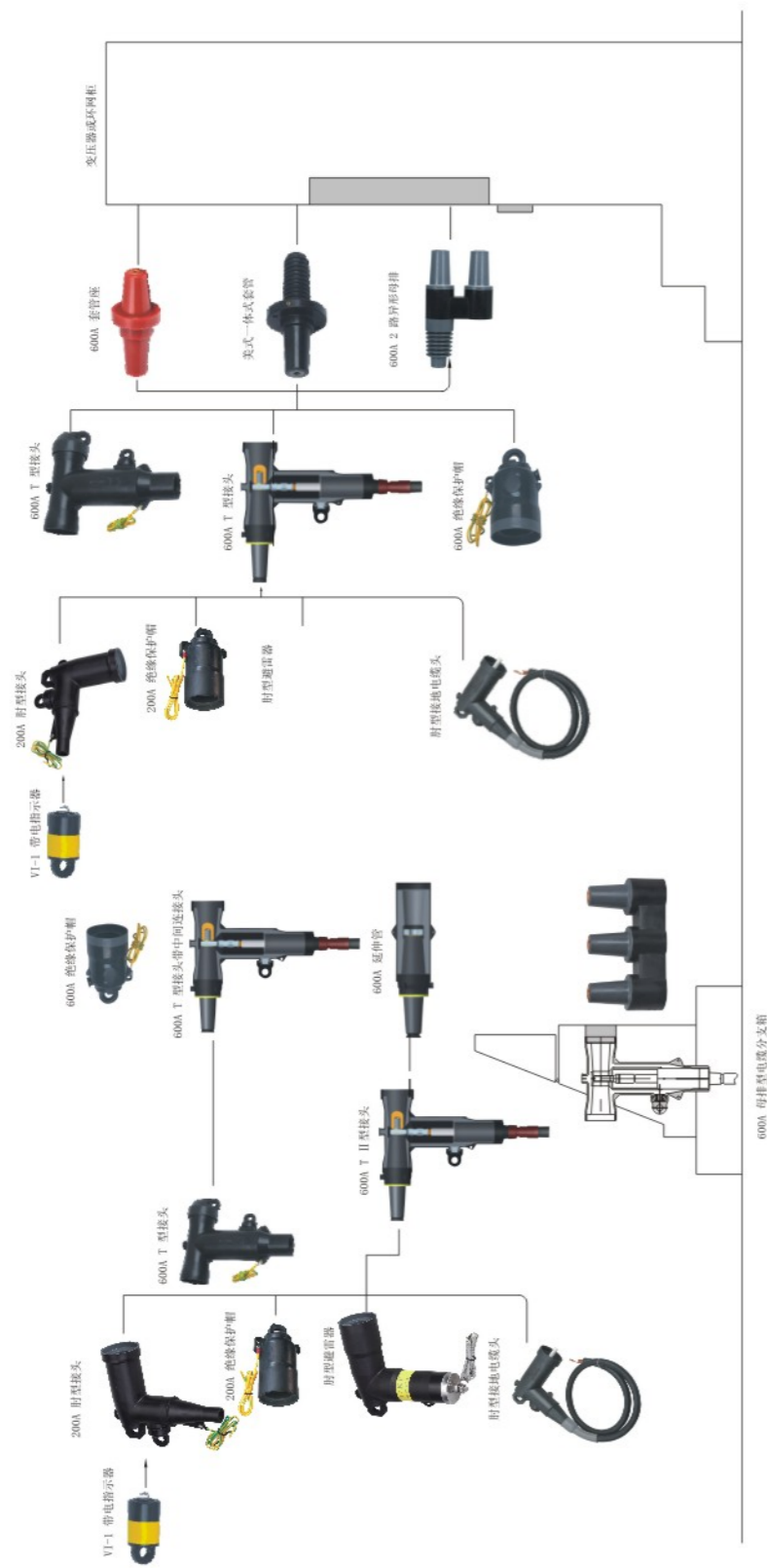


图一：外形尺寸图
Figure 1: Dimensions



图二：产品构造图
Figure 2: Product Structure Diagram





细致专业

成为最专注最完善
最值得信赖的电力附件制造企业

Become the most dedicated most perfect
The most trusted manufacturer of power attachments



prefabricated substation
special accessories
预装式变电站专用配件



概述 General

插入式熔断器用于油浸式箱变过流保护的一个主要配件，内部装入配套的熔丝，即可从多方面（如依据电流大小，油温高低等）对变压器进行保护。插入式熔丝安装方式简单，运行可靠，熔丝更换方便。因此广泛用于美式箱变的高压侧保护。

用于保护变压器和电力系统。可用于普通组合式变压器和埋地式变压器。该熔丝筒内可安装电流型熔丝、双敏熔丝、双因素熔丝以及大电流过载熔丝等等。可独立型熔丝或后备熔断器相配合，可隔断大电流故障，保护电力设备和电网。

双熔丝保护系统目前已成为行业内单相变压器和三相变压器保护的标准方案。

Bay-O-Net Assembly is the brief element of oil-transformer, to protect the equipment when over-current. When install the fuse wire in it, the Bay-O-Net will provide the safe, highly efficient protection, according to the current, oil-temperature.

The Bay-O-Net Assembly is suitable for current sensing fuse wire, dual sensing fuse wire, dual element fuse wire, and ELSP current-limiting backup fuse, etc.

It is suitable for high-voltage power system with alternating current of 50Hz, standard voltage of 15.5kV, current rating of 140A. It must be combining with MagnX Interrupter of ELSP Current-Limiting Backup Fuse to protect transformer from overload and short circuit.

电气性能 Ratings Overview

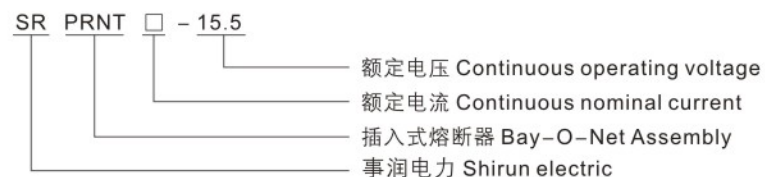
描述 Description		参数 Parameters	
雷电冲击电压 Impulse withstand voltage		150kV	
1分钟工频耐压 AC withstand voltage, 1min		50kV	

电压等级 Voltage	单相开断最大电流 顶部安装/侧面安装 Maximum Single-Phase Interrupting Rating	电压等级 Voltage	负荷开断 电流 Thermal circuit
8.3kV	3000A/3500A	10.0kV	160A
15.5kV	2500A/2500A	15.5kV	150A
23kV	1000A/1000A	26.7kV	80A

订货信息 Order Information

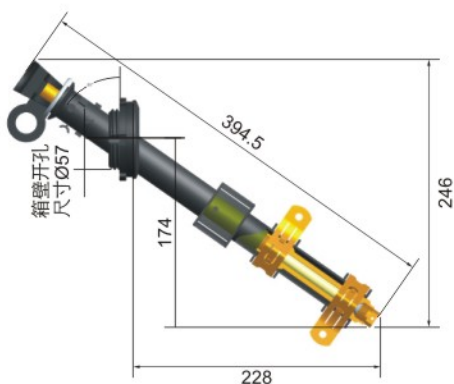
描述 Description	订货编号 Reference No.
插入式熔断器 Bay-O-Net Assembly	SR PRNT□-15.5

定货编号说明 Inference Information



标准包装 Scope of Delivery

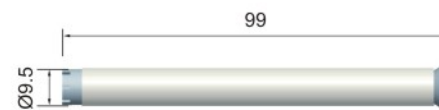
- 熔断器 Bay-O-Net Assembly
- 安装使用说明书 Installation Instruction Sheet
- 产品合格证 Quality Certificate



外形尺寸图
Dimensions



SR SMRS 双敏熔丝
SR SMRS Dual Sensing Fuse Wire



概述 General

双敏熔丝是用于配电系统中油浸式箱变过流保护的一个主要配件，用于插入式熔断器并与后备保护熔断器(即ELSP)配合使用，构成“双熔丝保护”方案。双敏熔丝从电流和温度两方面对变压器低压侧故障或过载进行保护，可以防止由于过载或环境温度所导致的变压器长期升温。双敏熔丝装于插入式熔断器内，更换熔丝方便，安装方式简单，运行可靠，因此广泛用于美式箱变的高压侧保护。

Dual sensing fuse wire is used in Bay-O-Net fuse assemblies to protect distribution apparatus form damaging currents and to protect distribution systems from failed apparatus.

Dual sensing fuse wire not only secondary faults, excessive load currents and transformer fluid temperature. They will limit long-term transformer heating caused by overloads and high temperature environments.

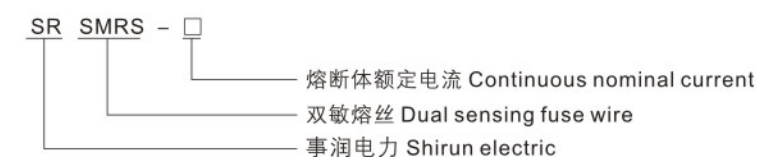
电气性能 Ratings Overview

电压等级 Voltage	单相开断最大电流 Maximum Single-Phase Interrupting Rating	
	直插式顶部安装(不对称) 用于埋地式变压器 Cover Mount Assembly (rms asymmetrical)	斜插式前面板安装(对称) 用于普通组合式变压器 Sidewall Mount Assembly (rms symmetrical)
8.3kV	3000A	3500A
15.5kV	1800A	2500A
23.0kV	600A	1000A

订货信息 Order Information

熔断体额定电流(A) Continuous nominal current(A)	订货编号 Reference No.
6.3	SR SMRS-6.3
10	SR SMRS-10
16	SR SMRS-16
25	SR SMRS-25
40	SR SMRS-40
50	SR SMRS-50
63	SR SMRS-63
100	SR SMRS-100
140	SR SMRS-140

定货编号说明 Inference Information

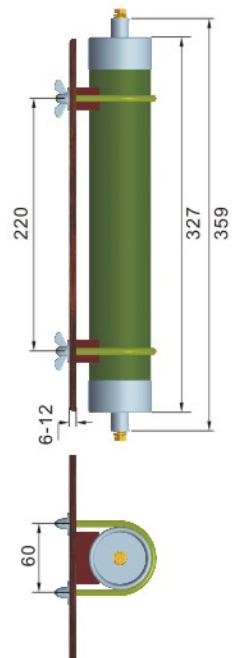


标准包装 Scope of Delivery

- 双敏熔丝 Dual sensing fuse wire
- 安装使用说明书 Installation Instruction Sheet
- 产品合格证 Quality Certificate



XRNT5-□/15.5限流后备保护
XRNT5-□/15.5 Magne X Interrupter



产品尺寸图 Dimensions

概述 General

限流后备保护熔断器是美式箱变过流保护的主要元件，与插入式熔丝筒内的熔丝(电流型熔丝、双敏熔丝和双因素熔丝等)串联使用，构成“双熔断器保护”方案。

它是油浸式限流型熔断器，用来保护变压器内部故障(线圈短路保护)，通常不动作，后备保护熔断器装置最大开断电流为50kA。

The magne X interrupter is used in series with low current primary protection devices such as a Bay-O-Net Fuse or Magne X The magne X interrupter.

The magne X interrupter highly efficient current-limiting section minimizes the effects of high fault current stresses on equipment and the distribution system. Its minimum interrupting rating is coordinated with that of a low current interrupter to avoid undesirable low current operation; yet its maximum interrupting rating will clear the highest fault currents likely to occur. Higher continuous current ratings can be achieved by connecting two fuses in parallel.

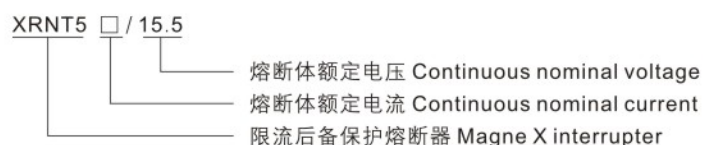
电气性能 Ratings Overview

熔丝类型 Fuse Type	最大开断电流 Maximum Interrupting Current
限流后备保护熔断器 The magne X interrupter	50000A

订货信息 Order Information

熔断体额定电流 Continuous nominal current(A)	订货编号 Reference No.
31.5	31.5
40	40
50	50
63	63
80	80
100	100
125	125
150	150
175	175
200	200

定货编号说明 Inference Information

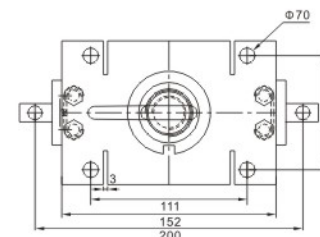


标准包装 Scope of Delivery

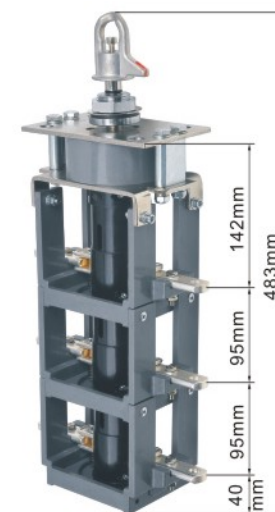
- 双敏熔丝
- 安装使用说明书
- 产品合格证
- The magne X interrupter
- Installation Instruction Sheet
- Quality Certificate



SR BFY-12/630A 油浸式二位置负荷开关
Two-position Sidewall Switch



安装尺寸图 Mounting Dimensions



产品尺寸图 Dimensions

概述 General

油浸式二位置负荷开关主要用于终端型美式箱变，具有弹簧操作机构，是三相联动开关，可完成负荷的开断和关合操作。

由两个二位置负荷开关也可以组成环网型开关系统，用于环网型配电系统，二工位开关的状态：接通，断开。10kV等级可用于风电项目中使用的变压器。

使用前要随变压器干燥处理。
符合JB/T10681-2006标准，使用条件符合GB10230规定。

Oil-filled two-position load switch is mainly used for terminal type American box change, with spring operating mechanism, is a three-phase linkage switch to complete the load breaking and closing operation.

By the two two-position load switch can also be composed of ring-type switching system for the ring-type distribution system, two-position switch state: on, off. 10kV rating can be used for wind power projects in the use of transformers.

Before use with the transformer drying.
Meet JB/T10681-2006 standards, the use of conditions in line with GB10230 regulations.

电气性能 Ratings Overview

主要指标 Description	电气参数 Parameters			
额定电压(kV)Continuous operating voltage	6	10	20	35
设备最高电压(kV)Equipment highest voltage	7.2	12	24	40.5
额定雷电冲击耐受电压(kV)BIL and Full Wave Grest	60	75	125	200
额定电流(A)Continuous nominal current	200	315	400	630
短时(2s)热稳定电流(方均根值)(kA) The short(2s)thermal stability of current (party root value)	12.5	16	20	25
额定动稳定电流(峰值)(kA) Dynamic stability rated current(peak)	31.5	40	50	63
机械寿命Mechanical Life(Minimum Operations)	≥2000次times			

订货信息 Order Information

描述 Description	订货编号 Reference No.
油浸式二位置负荷开关 Oil-filled two-position load switch	SR FYN33-2/630

定货编号说明 Inference Information

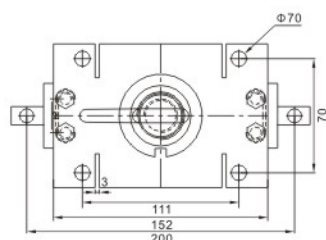


标准包装 Scope of Delivery

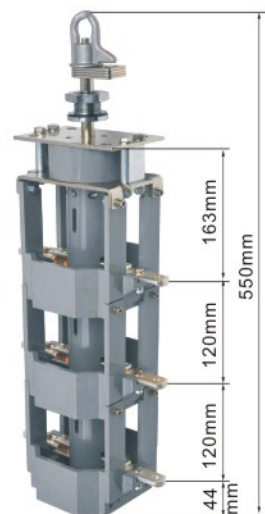
- 负荷开关本体
- 板手
- 检验报告
- 安装指导说明书
- 合格证
- Two-position sidewall switch
- Wrench
- Inspection Report
- Installation instruction sheet
- Quality certificate



SR BFY-35/630A 油浸式二位置负荷开关
Two-position Sidewall Switch



安装尺寸图 Mounting Dimensions



产品尺寸图 Dimensions

概述 General

油浸式二位置负荷开关主要用于终端型美式箱变，具有弹簧操作机构，是三相联动开关，可完成负荷的开断和关合操作。

由两个二位置负荷开关也可以组成环网型开关系统，用于环网型配电系统，二工位开关的状态：接通，断开。35kV等级可用于风电项目中使用的变压器。

使用前要随变压器干燥处理。
符合JB/T10681-2006标准，使用条件符合GB10230规定。

Oil-filled two-position load switch is mainly used for terminal type American box change, with spring operating mechanism, is a three-phase linkage switch to complete the load breaking and closing operation.

By the two two-position load switch can also be composed of ring-type switching system for the ring-type distribution system, two-position switch state: on, off. 35kV rating can be used in wind power projects used in the transformer.

Before use with the transformer drying.
In line with JB / T1 0681-2006 standards, the use of conditions in line with GB10230 requirements.

电气性能 Ratings Overview

主要指标Description	电气参数 Parameters			
额定电压(kV)Continuous operating voltage	6	10	20	35
设备最高电压(kV)Equipment highest voltage	7.2	12	24	40.5
额定雷电冲击耐受电压(kV)BIL and Full Wave Grest	60	75	125	200
额定电流(A) Continuous nominal current	200	315	400	630
短时(2s)热稳定电流(方均根值)(kA) The short(2S) thermal stability of current (party root value)	12.5	16	20	25
额定动稳定电流(峰值)(kA) Dynamic stability rated current(peak)	31.5	40	50	63
机械寿命Mechanical Life(Minimum Operations)	≥2000次times			

订货信息 Order Information

描述 Description	订货编号 Reference No.
油浸式二位置负荷开关 Oil-filled two-position load switch	SR FYN33-2/630

定货编号说明 Inference Information

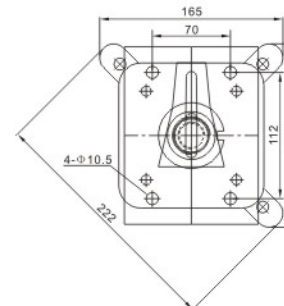


标准包装 Scope of Delivery

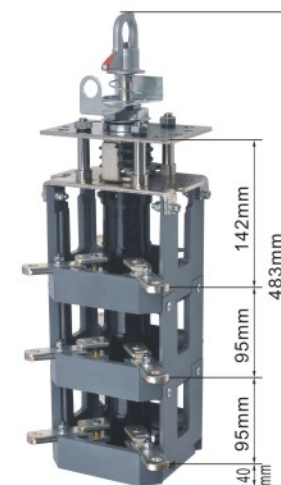
- 负荷开关本体 Two-position sidewall switch
- 扳手 Wrench
- 检验报告 Inspection Report
- 安装指导说明书 Installation instruction sheet
- 合格证 Quality certificate



SR BFY3T-12/630A 油浸式四位置负荷开关
Four-position Sidewall Switch



安装尺寸图 Mounting Dimensions



产品尺寸图 Dimensions

概述 General

油浸式四位置负荷开关是专为环网型美式箱变环网柜设计的，满足IEEE、IEC和GB标准的全部要求。可用在接地或不接地系统。

油浸式四位置负荷开关在安装时，靠近变压器铁心可以最大限度减低内部连接电缆的电容，进而大幅降低回路中的铁磁共振。有侧面安装和顶部安装两种开关，可用于普通美式箱变或埋地式变压器。

使用前要随变压器干燥处理。

Oil-filled four-position load switch is designed for ring-type US-box ring change cabinet designed to meet the IEEE, IEC and GB standards of all requirements. Can be used in grounded or ungrounded systems.

Oil-immersed four-position load switch in the installation, close to the transformer core can minimize the internal connection Cable capacitance, and thus significantly reduce the loop in the ferromagnetic resonance. Both side mounting and top mounting are available For general American box transformer or buried transformer.

Before use with the transformer drying.

电气性能 Ratings Overview

主要指标Description	电气参数 Parameters			
额定电压(kV)Continuous operating voltage	6	10	20	35
设备最高电压(kV)Equipment highest voltage	7.2	12	24	40.5
额定雷电冲击耐受电压(kV) BIL and Full Wave Grest	60	75	125	200
额定电流(A) Continuous nominal current	200	315	400	630
短时(2s)热稳定电流(方均根值)(kA) The short(2s) thermal stability of current (party root value)	12.5	16	20	25
额定动稳定电流(峰值)(kA) Dynamic stability rated current(peak)	31.5	40	50	63
机械寿命 Mechanical Life (Minimum Operations)	≥2000次 times			

订货信息 Order Information

描述 Description	订货编号 Reference No.
油浸式四位置负荷开关 Oil-filled four-position load switch	SR BFY3T-12/630A

定货编号说明 Inference Information



标准包装 Scope of Delivery

- 负荷开关本体 Four-position sidewall switch
- 扳手 Wrench
- 检验报告 Inspection Report
- 安装指导说明书 Installation instruction sheet
- 合格证 Quality certificate



SRYZ 70 真空压力表
SRYZ 70 Vacuum Manometer

SR YZ 70 真空压力表

SR YZ 70 Vacuum pressure gauge

箱变的测压仪表，可直接反映出箱变随环境温度变化造成的内部压力变化。

Box changes in pressure measurement instruments, can directly reflect the box changes with the ambient temperature changes caused by internal pressure.



SRBWS-70 变压器温度计
SRBWS-70 Transformer Thermometer

SR BWS-70 变压器温度计

SR BWS-70 Transformer Thermometer

安装在变压器侧壁作温度测量的仪表。

Install to the lateral wall of transformer to be a meter for temperature survey.



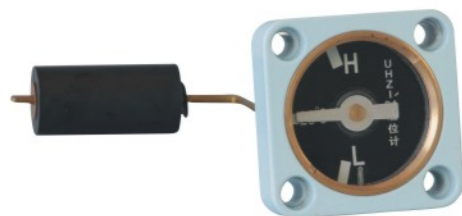
SRYSF 压力释放阀
SRYSF Pressure Release

SR YSF 压力释入阀

SR YSF Pressure Release Valve

主要用于使容器内的气体压力不超过预定值。

keeping the air pressure below the schedule value.



SRUHZ-01 箱变油位计
SRUHZ-01 Oil Level Indicator to Transformer

SR UHZ-01 箱变油位计

SR UHZ-01 Oil Level Indicator to Transformer

取代连通式玻璃液位计，具有安全、直观、可靠、寿命长等特点。

Replaced the interconnected Glass Liquid-meter, it designs to be security, longevity, and easy to sight.

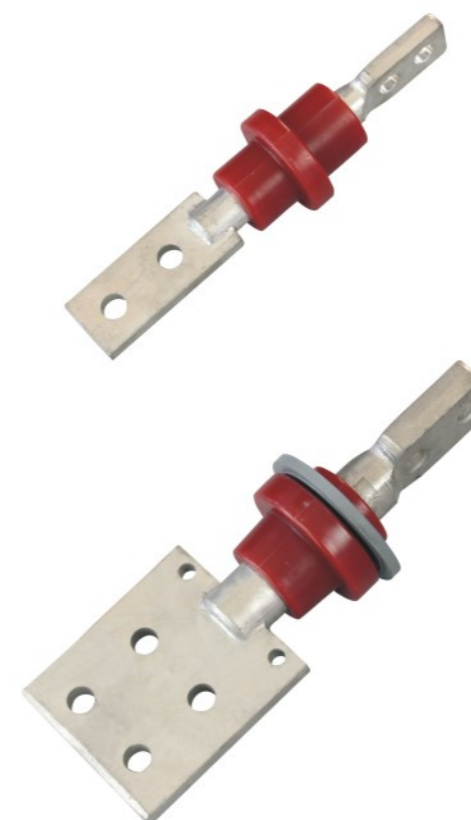


SR G/CZG 绝缘操作杆

SR G/CZG Insulated operating rod

操作电缆头、负荷开关或绝缘封帽等。

Apply for Cable connector, sidewall switch or insulator protective cap.



SR DYDZ-□ 低压端子

SR DYDZ-□ Depression Connector

箱式变低压侧输出端子，分630A、1000A、1600A、2000A。
Connect to depression side of transformer. The current range is 630A, 1000A, 1600A, 2000A.

SRGZ-1 故障指示器
SRGZ-1 Fault Circuit Indicator

概述 General

电缆线路型故障指示器，安装在箱式变、环网柜、电缆分支箱、变电站进出线和馈线分支处，通过显示灯的闪烁来判断线路短路故障，以便操作人员迅速查找故障，减少故障停电时间，提高供电可靠性。

Cable-line fault indicator, installed in the box-type change, ring counter, cable branch box, substation inlet and outlet branch and feeder branch, through the flashing light to determine the line short-circuit fault, so that the operator quickly find fault, reduce power failure Time, improve power supply reliability.

性能特征 Features

电缆线路型故障指示器，采用高强度、耐候性极佳的塑料外壳制作而成，适合各种恶劣环境。适合导线线径5-30mm，发生故障后，可按设定的时间自动复位；故障排除、线路送电后可自动复位；也可手动复位。不受线路负荷变化影响，一次安装，长期受益。

Cable circuit fault indicator, using high strength, excellent weather resistance made of plastic shell, suitable for a variety of harsh environments. Suitable for wire diameter 5-30mm, after the failure, according to the set time automatically reset; troubleshooting, line power can be automatically reset; can also be manually reset. Not affected by changes in line load, once installed, long-term benefit.

标准包装 Scope of Delivery

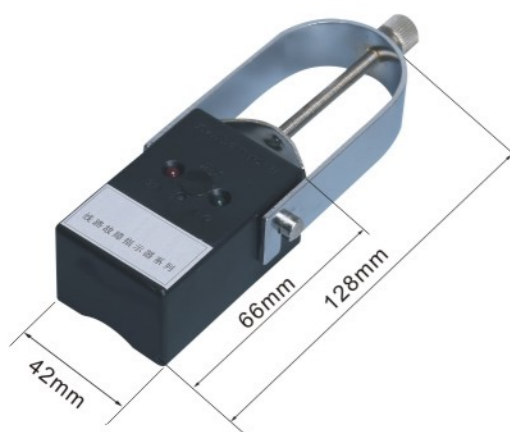
- 故障指示器
- 安装指导说明书
- Fault Circuit Indicator
- Installation Instruction Sheet

订货信息 Order Information

描述 Description	订货编号 Reference No.
故障指示器 Fault Circuit Indicator	SR GZ-1

定货编号说明 Inference Information

SR	设计序列号 Design No.
GZ-1	故障指示器 Fault Circuit Indicator
	事润电力 Shirun electric



产品尺寸图 Dimensions

SJWL-SGFI/P 面板型故障指示器
Panel Type Fault Indicator

概述 General

短路电流传感器和接地电流传感器分别通过光纤与面板仪表主机插接，发生故障后传感器将信号通过光纤将信息通传给面板仪表主机进行判断，然后对应的相指示灯闪烁显示。

The short-circuit current sensor and the ground current sensor are respectively connected with the panel instrument main body through the optical fiber. After the failure, the sensor transmits the signal to the panel mainframe host through the optical fiber to judge.

安装位置 Installation Position

- 安装在电缆长线路的首端变电站出口：可判断是站内或是站外线路中出现故障；
- 安装在用户配变高压进线处：可判断故障是否因用户端造成；
- 安装在架空线与电缆连接处：可区分故障是否出现在电缆侧；
- 安装在高压开关柜或环网柜出线分支侧：可判断出线故障分支。
- Installed at the first substation outlet of the long line of the cable: it can be judged that there is a fault in the station or outside the line;
- Installed in the user into the transformer into high-voltage line: to determine whether the failure caused by the client;
- Installed in the overhead line and cable connection: to distinguish whether the fault occurred in the cable side;
- Installed on the outlet side of high-voltage switchgear or ring main unit: can judge the outlet fault branch.

故障检测原理 Fault Detection Principle

- 1、短路检测：>检测线路出现短路故障时电流突变，突变值大于一定数值(可以根据继电保护定值定)，线路在一定的时间内跳闸停电；
- 2、接地检测：>检测接地时电压变化，电容电流及相位情况，检测谐波变化，综合判断确定是否发生接地。
- 1、short-circuit detection:> detection circuit short-circuit fault current mutation, the mutation value is greater than a certain value (according to the relay protection set), the line trip in a certain time power failure;
- 2、ground detection:> detection of ground voltage changes, the capacitor current and phase conditions, detection of harmonic changes, comprehensive judgment to determine whether the occurrence of grounding.

功能特点 Features

- 1、为线路发生故障期间排查故障提供帮助和便利。
- 2、根据线路负荷大小及线路走势分布情况，合理制定故障指示器安装位置。
- 3、线路正常运行时，指示器处于复位状态，无任何指示。
- 4、当线路放生短路或接地故障后，线路故障抢修人员根据指示器闪灯状态排查出故障所在区域。
- 5、产品复位时间出厂默认时间为12h(复位时间可根据客户需求进行调整)。
- 6、该产品对于线路故障排查提供有力帮助，便于轻松查出故障位置；
- 7、缩短停电时间，进一步提高供电量；
- 8、产品安装无需停电，免费提供专业安装工具，拆卸便利。
- 1、for the failure of the line during troubleshooting troubleshooting to provide help and convenience.
- 2、according to the size of line load and line distribution of the situation, the rational development of fault indicator installation location.
- 3、the line normal operation, the indicator is in the reset state, without any indication.
- 4、when the line release short-circuit or ground fault, the line fault repair personnel according to the indicator flash status to troubleshoot areas where the fault.
- 5、the product reset time Factory default time is 12h (reset time can be adjusted according to customer needs).
- 6、the product troubleshooting for the line to provide a powerful help, easy to find fault location;
- 7、to shorten the power outage time, and further improve the power supply;
- 8、product installation without power outages, free professional installation tools, demolition convenience.

技术参数 Technical Parameters

- 短路故障动作电流：600A
- 接地故障动作电流：20A
- 适用电压等级：6-35KV
- 适用导线电流：I≤1000A
- 环境温度：-35℃≤T≤+75℃
- 动作自动复位时间：8H(1H~24H可选)
- 动作次数：≥5000次
- 安装尺寸：显示器面板主机开孔尺寸91.5mm(公差4-0.3mm)X43.5mm(公差±0.3mm)
- 显示盒尺寸：90(L)×42(W)mm
- 防护等级：显示器IP40传感器IP65
- Short circuit fault current: 600A
- Ground fault operating current: 20A
- Applicable voltage level: 6-35KV
- Applicable lead current: I≤1000A
- Ambient temperature: -35℃≤T≤+75℃
- Auto reset time: 8H (1H~24H optional)
- The number of action: ≥5000 times
- Installation size: Display Panel Host hole size 91.5mm(Tolerance 4-0.3mm) X 43.5mm (tolerance ±0.3mm)
- Display box size: 90 (L) × 42 (W) mm
- Protection class: Display IP40 sensor IP65

细致专业

成为国内最专注最完善
最值得信赖的电力附件制造企业
Become the most dedicated most perfect
The most trusted manufacturer of power attachments



DFW cable branch box
DFW系列电缆分支箱

电缆分支箱系列
CABLE BRANCH BOX SERIES

概述 General

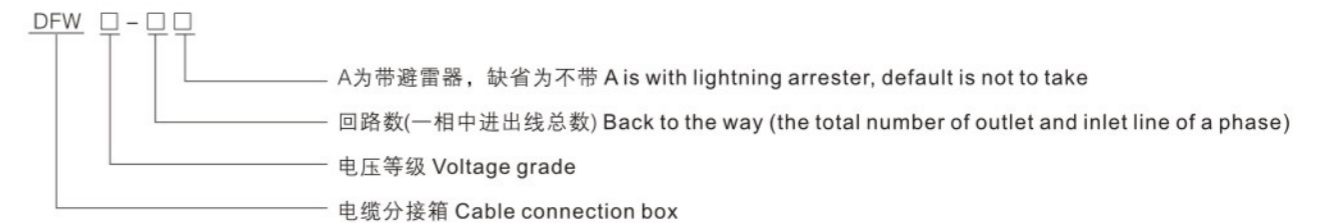
欧式电缆分接箱是近年来广泛用于电力配网系统中的电缆化工程设备，它的主要特点是双向开门、利用对接套管作为连接母排，具有长度小、电缆排列清楚、三芯电缆不需大跨度交叉等显著优点。其所采用的电缆接头符合DIN47636标准。一般采用额定电流630A螺栓固定连接式电缆接头。

我公司生产的美式电缆分接箱，以其优良的性能，规范化的设计，优美的外观，广泛应用于电缆配电网系统中的电缆化工程设备，在各大工业园区，居民小区，城市人口密集区，商业中心以及高层建筑等各种场所得得到普遍认同。它以单向开门、横向多通母排为主要特点，具有宽度小、组合灵活、全绝缘、全密封等显著优点。按照额定电流一般可以分为600A主回路和200A支回路两种。600A主回路采用旋入式螺栓固定连接；200A分支回路采用拔插式连接且可以带负荷拔插。

Europe type cable connection box is widely used in recent years in power distribution network system cable engineering equipment, its main characteristic is two-way open the door, using butt sleeve as a connecting bus, has a small length, cable arrangement, clear, three core cable does not need large span cross and other significant advantages. The cable joint DIN47636 standards adopted by the. Generally USES the rated current 630 a bolted connection type cable connector.

Our company produces the American cable connection box, with its excellent performance, the standardized design, beautiful appearance, widely used in cable distribution network cabling engineering equipment in the system, in each big industrial park, residential area, the urban population concentration areas, business center and get universal high-rise buildings and other places. It opened the door to one-way, transverse multipass busbar as the main characteristics, combined with width is small, flexible, fully insulated, whole sealing etc. According to the rated current generally can be divided into the main loop of the 600 a and 600 a branch circuit. 600 a main circuit adopts the screw-plug bolted connection; 200 a branch circuit using plug-in connection and can take the load pull pull plug.

型号及含义 Model and meaning



适应环境 To adapt to the environment

- 环境温度：最高气温：+40℃，最低气温-30℃
- 风速：相当34m/s(不大于700Pa)
- 湿度：日相对湿度平均值不大于95%
月相对湿度平均值不大于95%
- 防震：水平加速度不大于0.4m/s²，垂直加速度不大于0.15m/s²
- 安装地点倾斜度：不大于3°
- 安装环境：周围空气应不受腐蚀性、可燃性气体、水蒸气等明显污染，安装地点无剧烈震动。订购本产品超出上述条件规定时，请与本公司协商。

Ambient temperature: the highest temperature: + 40 °C, the lowest temperature of 30 °C

34 m/s wind speed: quite (no more than 700 pa)

Humidity: daily average relative humidity is not more than 95%

Monthly mean relative humidity is not more than 95%

Shock: horizontal acceleration is not more than 0.4 m/s², vertical acceleration is greater than 0.1 5 m/s²

Installation site slope: no more than 3 °

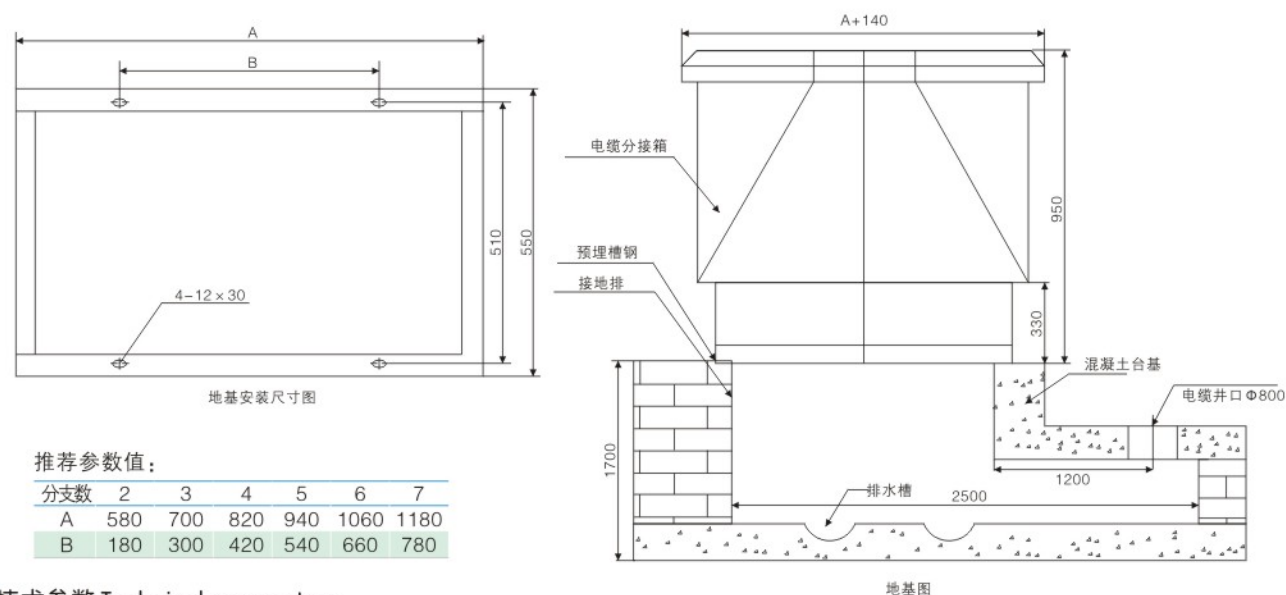
Installation environment: the surrounding air should not be corrosive and flammable gas, water vapor and other obvious pollution, installation location

No violent vibration. When ordering this product is beyond the above conditions stipulated, please negotiate with the company.

技术参数 Technical parameters

额定电压 The rated voltage	12kV
额定电流 Rated current	630A
动稳定电流 Dynamic stability of current	50kA/0.3s
热稳定电流 The thermal stability of the current	20kA/3s
1分钟工频耐压 1 minute power frequency withstand voltage	42kV
15分钟直流耐压 15 minutes of dc withstand voltage	52kV
雷电冲击耐压 Lightning shock pressure	105kV
箱体防护等级 Enclosure protection class	IP33

欧式电缆分接箱地基图 Europe type cable connection box foundation figure

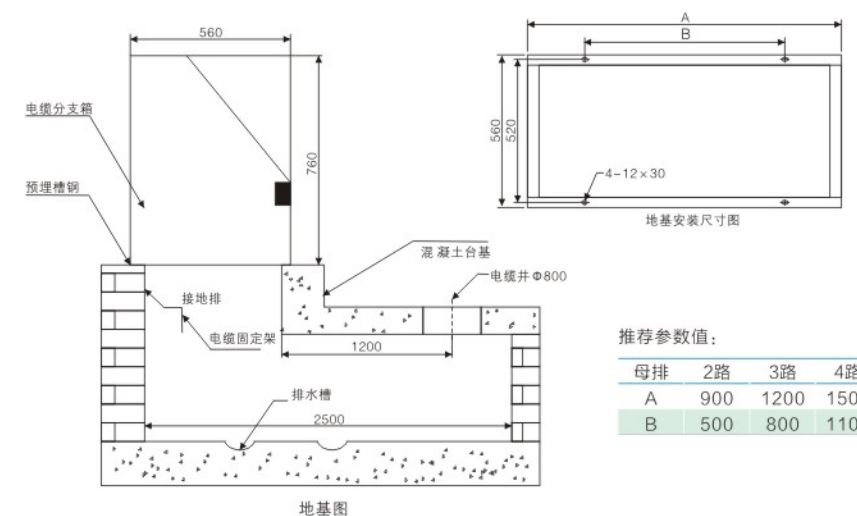


技术参数 Technical parameters

项目 Item	200A(分支网)(branch network)	600A(主网)(main)
额定电压 The rated voltage	15kV	15/25kV
额定电流 Rated current	200A	600A
额定短时耐受电流 Rated short-time resistance current	16kA/1s	40kA/1s
1分钟工频耐压 1 minute power frequency withstand voltage	42kV	42kV
15分钟直流耐压 15 minutes of dc withstand voltage	53kV	78kV
雷电冲击耐压 Lightning shock pressure	95kV	125kV
最低电晕起始电压 Minimum corona inception voltage	11 kV	19kV

美式电缆分接箱地基图 American cable connection box foundation figure

美式600A



美式200A

