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CNYYY 远扬电气
YUANYANG ELECTRIC

**Plug head / cold shrinkable
cable accessories**

— **插拔头/冷热缩电缆附件**选型手册

— 浙江远扬电气有限公司
www.yyele.com

CNYYY 远扬电气
YUANYANG ELECTRIC

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Brief introduction 企业简介

浙江远扬电气有限公司位于中国电器之都--柳市。距温州机场、火车站5公里，紧靠104国道、甬台温高速公路，北倚风景秀丽的国家级风景区--雁荡山。是一家专业生产电缆附件及电线套管的厂家。

公司主要产品有1-35KV冷热缩电力电缆附件、电缆插拔头、热缩套管、通信电缆附件、热缩高低压母排套管、无卤低烟热缩套管等。产品广泛用于现代工业园区、商业中心、车站、矿山、隧道等。本公司生产设备先进，质量保证，已经荣获ISO9001:2000质量体系认证。本着“客户永远第一”的服务宗旨“以客为本，满足要求，不断改进，精益求精”的质量方针。深受广大客户的一致好评，我们欢迎各界朋友携手合作，共创辉煌。





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



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

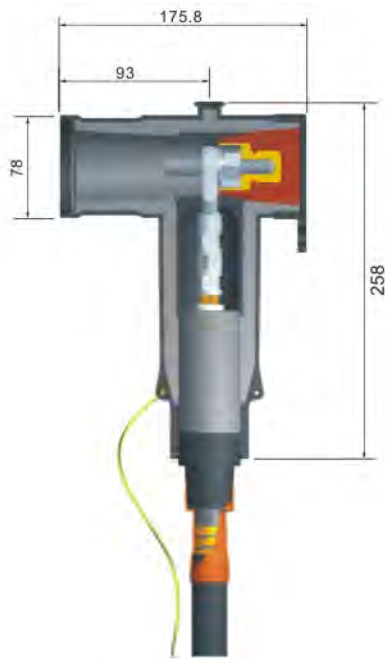
性能performance

- 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 whe 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)

定货编号说明Inference information



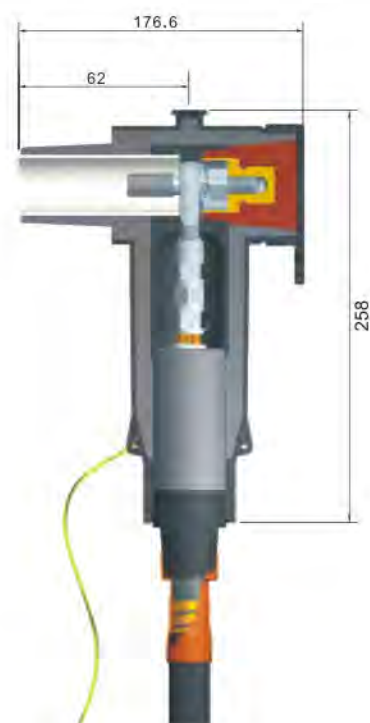
图一：外形尺寸图
Figure 1: Dimensions

01	YY 12/24-630A欧式前接头 YY 12/24-630A Shielded Fore-Connector
02	YY JBK 12/24-630A 欧式后接头 YY JBK 12/24-630A Shielded End-Connector
03	YY HBLQ 17/50 欧式后接避雷器 YY HBLQ 17/50 M.O.V Bushing Surge Arrester
04/05	母线系统 Bus system
06/07	电力冷缩技术 Power and technology
08/09	冷缩安装解析 Cold installation analysis
10	1KV冷缩系列硅橡胶冷缩电缆附件 1KV series silicon rubber cold shrink cable accessories
11	10KV冷缩系列硅橡胶冷缩电缆附件 10KV series silicon rubber cold shrink cable accessories
12	20KV冷缩系列硅橡胶冷缩电缆附件 20KV series silicon rubber cold shrink cable accessories
13	35KV冷缩系列硅橡胶冷缩电缆附件 35KV series silicon rubber cold shrink cable accessories
14	10KV冷缩系列电力电缆中间接头 10KV cold shrinkable middle joint series power cable
15	20KV冷缩系列电力电缆中间接头 20KV cold shrinkable middle joint series power cable
16	35KV冷缩系列电力电缆中间接头 35KV cold shrinkable middle joint series power cable
17	电缆中间接头防爆盒 Explosion proof box for cable middle joint
18/19	热缩组件解析 Heat shrinkable components analysis
20	1KV单芯、二芯、三芯、四芯、五芯热缩电缆终端头 1KV single core, two core, three core, four core, five core heat shrinkable cable terminal
21	10kV 系列热缩电力电缆终端 10kV series heat shrinkable power cable terminal

22	20(24)kV 系列热缩电力电缆终端 20 (24) kV series heat shrinkable power cable terminal
23	35kV 系列热缩电力电缆终端 35kV series heat shrinkable power cable terminal
24	1KV单芯、二芯、三芯、四芯、五芯热缩电缆中间接头 Intermediate joint 1KV single core, two core, three core, four core, five core heat shrinkable cable
25	10kV 系列热缩电力电缆中间接头 10kV series heat shrinkable power cable intermediate joint
25	20kV 系列热缩电力电缆中间接头 20kV series heat shrinkable power cable intermediate joint
25	35kV 系列热缩电力电缆中间接头 35kV series heat shrinkable power cable intermediate joint
26	0.6/1KV电力母线用热收缩套管MPG1 Heat shrink sleeve for 0.6/1KV electric bus MPG1
27	双色热收缩套管 Double color heat shrink sleeve
28	双壁-热缩涂胶套管 Double wall heat shrinkable sleeve glue
29	6/10KV电力母线用热收缩套管MPG10 Heat shrink sleeve for 6/10KV electric bus MPG10
30	26/35KV电力母线用热收缩套管MPG35 Heat shrink sleeve for 26/35KV electric bus MPG35
31	母排接线盒 Bus terminal box
32	卡扣式绝缘护套管/拉链管 Buckle type insulation protecting sleeve pipe
32	复合绝缘热缩带 Composite insulation heat shrinkable tape
33	热收缩电力电缆封帽 Thermal shrinkage electric power cable sealing cap
33	热收缩电力电缆伞裙 Thermal shrinkage power cable umbrella skirt
34	硅橡胶绝缘护套 Silicone rubber insulation shield



JBK12/24-630A 欧式后接头
JBK 12/24-630A Shielded End-Connector



图一：外形尺寸图
Figure 1: Dimensions

概述General

630A1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。

600A 1 Back 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

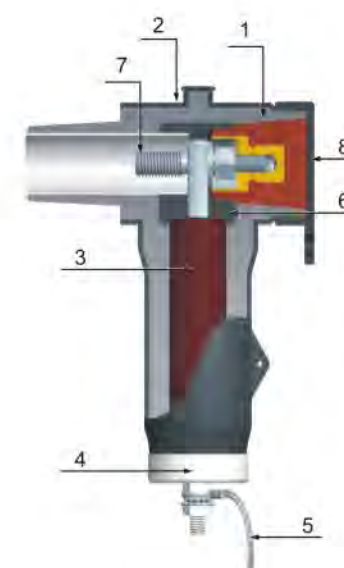
- 630A欧式后接头本体
- 应力锥
- 压接端子
- 连接铜棒
- 双头螺栓
- 硅脂、清洁纸
- 安装指导说明书
- 产品合格证
- T back connector
- Adaptor
- Conductor cable lug
- Connect lug
- Two head screw
- Silicone Lubricant, Clearing Paper
- Installation Instruction Sheet
- Quality Certificate

定货编号说明Inference information

- YY JBK - □ / 630
- YY: 远扬电气
 - JBK: 欧式后接头
 - : 额定电压
 - 630: 额定电流



17/50kV 欧式后接避雷器
17/50kV M.O.V Bushing Surge Arrester



产品构造图
Illustrate Design Integrity

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电层确保了安装和维护人员的人身安全及设备的运行。同时其抗紫外线，抗老化，防水，防潮的特有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 M.O.V Bushing Surge 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 M.O.V Bushing Surge Arrester can be use together with the Tback connector.

标准包装Scope of delivery

- 避雷器本体
- 双头螺栓
- 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
- M.O.V Bushing Surge Arrester
- Two head screw
- Insulator
- Clearing paper
- Silicone lubricant
- Testing report
- Installation instruction sheet
- Quality certificate

定货编号说明Inference information

- YY HBLQ - 17 / 50
- YY: 远扬电气
 - HBLQ: 欧式后接避雷器
 - 17: 额定电压
 - 50: 额定电流

标准包装Scope of delivery

- 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。
- 外半导电层: 预制的PDM导电橡胶符合IEEE592标准。
- 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。
- 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。
- 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引到接地位置。
- 内半导电层: 预制的EPDM导电橡胶有效的控制电气应力。
- 双头螺栓: 镀锡的铜螺栓确保导体和套管紧密配合。
- 绝缘子端盖: 使产品具有绝缘密封作用。

母线系统Bus system



电压等级 Voltage rate	电流等级 Current rate
15kV	630A
15kV	1250A
20kV	630A
20kV	1250A

技术参数Technical parameter

额定电压 Rated voltage	额定电流 Rated current	工频耐压 Withstand voltage	局部放电 Partial discharge
15kV	630A	42kV/1min	15kV ≤10PC
15kV	1250A	42kV/1min	15kV ≤10PC
20kV	630A	54kV/1min	20kV ≤ 10PC
20kV	1250A	54kV/1min	20kV ≤ 10PC

柔性母线系统
Flexible bus system

RDZJ-10/630丁字接头Tee joint



丁字头A
Tee joint



丁字头B
Tee joint



丁字头C
Tee joint

RSTJ-10/630十字接头Cross joint



十字接头A
Cross joint



十字接头B
Cross joint



十字接头C
Cross joint

柔性母线系统
Flexible bus system



- 固体绝缘母线又称柔性母线系统。主要用于固体环网柜的全绝缘、全密封连接；与欧式 630A标准套管匹配。
- 柔性母线系统在安装过程中，可根据设备实际情况实现弯曲连接，是固体环网柜优选方案。优点：安装便捷、灵活，造价低，性能可靠。
- 柔性母线长度可根据客户使用要求订制。
- solid insulated bus called the flexible bus system. Mainly used for the whole insulation of solid ring network cabinets, fully sealed connection; and the European 630A standard casing matching.
- Flexible bus system in the installation process, can be based on the actual situation of the device to achieve a curved connection, is a solid ring network cabinet. Advantages: convenient installation, flexible, low cost, reliable performance.
- Flexible bus length can be customized according to customer requirements.

电力冷缩技术Power and technology

冷收缩式电缆附件是利用弹性体材料(常用的有硅橡胶和乙丙橡胶)在注塑设备内注射硫化成型，再经扩径、衬以塑料螺旋支撑物构成各种电缆附件的部件。现场安装时，将这些预扩张件套在经过处理后的电缆末端或接头处，抽出内部支撑的塑料螺旋条(支撑物)，压紧在电缆绝缘上而构成的电缆附件。因为它是在常温下靠弹性回缩力，而不是像热收缩电缆附件要用火加热收缩，故俗称冷收缩电缆附件。早期的冷收缩电缆终端头只是附加绝缘采用硅橡胶冷缩部件，电场处理仍采用应力锥型式或应力带绕包式。

现在普遍都采用冷收缩应力控制管，电压等级从10kv到35kv。冷收缩电缆接头，1kv级采用冷收缩绝缘管作增强绝缘，10kv级采用带内外半导电屏蔽层的接头冷收缩绝缘件。三芯电缆终端分叉处采用冷收缩分支套。

冷收缩式电缆附件具有体积小、操作方便、迅速、无需专用工具、适用范围宽和产品规格少等优点。与热收缩式电缆附件相比，不需用火加热，且在安装以后挪动或弯曲不会像热收缩式电缆附件那样出现附件内部层间脱开的危险(因为冷收缩式电缆附件靠弹性压紧力)。与预制式电缆附件相比，虽然都是靠弹性压紧力来保证内部界面特性，但是它不像预制式电缆附件那样与电缆截面一一对应，规格多。

必须指出的是，在安装到电缆上之前，预制式电缆附件的部件是没有张力的，而冷收缩式电缆附件是处于高张力状态下，因此必须保证在贮存期内，冷收缩式部件不应有明显的永久变形或弹性应力松弛，否则安装在电缆上以后不能保证有足够的弹性压紧力，从而不能保证良好的界面特性。

Cold contraction cable accessories is the use of elastomeric material (commonly used with silicone rubber and EPDM rubber) in the injection molding equipment vulcanization injection molding, and then by expanding and lined with plastic spiral support composed of various cable accessories. When the installation is in place, the pre expansion parts are sheathed at the end or the joint of the processed cable, and draw out the inner supporting plastic spiral strip (support), which is pressed on the cable insulation. Because it is at room temperature by elastic recoil force, rather than like heat shrink cable accessories to be used to heat the contraction, it is commonly known as the cold shrink cable accessories. Early cold contraction cable terminal head just additional silicone rubber insulation used and contraction parts, electric field treatment still use should stress cone type or stress zone around the package.

Now commonly used in cold shrink stress control tube, the voltage level from 10kV to 35kv. Cold contraction cable joint, 1kV level uses the cold contraction insulation tube to strengthen the insulation, the 10kV level uses the inside and outside the semi conductive shield the joint cold contraction insulation piece. Three core cable terminal bifurcation with cold contraction set branch.

The cold shrink cable accessories have the advantages of small size, convenient operation, rapid, no need of special tools, wide application range and few product specifications. Compared with the heat shrinkable cable accessories without fire heating and in after the installation of the move or curvature does not like heat shrinkable cable accessories as attachment internal layer of uncoupled risk (because the cold shrink cable accessories by the elastic clamping force). Compared with the prefabricated cable accessories, although it is by elastic pressing force to ensure the internal interface characteristics, but it is not as prefabricated cable accessories and cable section one one correspondence, specifications.

It must be pointed out that in the installation prior to the cable, the components of prefabricated cable accessories is no tension, and cold shrink cable accessories is in a state of high tension under and therefore must be guaranteed in the storage period, the cold shrink type components should not have obvious permanent deformation or elastic should stress relaxation, or installed in the cable can not guarantee sufficient elastic clamping force, so it can not guarantee the good interfacial characteristics.

冷缩电缆附件的特性The characteristics of cold shrinkable cable accessories

- 采取最先进的全冷缩技术，无需动火及特殊工具，安装时，只需将线芯抽出，弹性体便迅速收缩并紧贴所需安装部位。
- 硅橡胶具有优良的绝缘性和高弹性，安装后始终保持对电缆本体合适的径向压力，使内界面结合紧密，不会因电缆运行时的呼吸作用而产生电击穿。应力控制部分与主绝缘复合为一体，有效地解决了电缆外屏蔽面处的电应力集中问题，确保绝缘可靠，运行安全。所有产品都已在工厂内制造成形。无须特别培训，安装操作简单，且不用火，省时省力，全冷缩自动复位技术，安装轻松不流汗，大大减少了由于操作不当造成的质量事故，而且解决了预制电缆附件收缩不紧或安不进去的现象。
- 冷缩管加长且无合缝线，外表光滑美观。
- 抗污秽、耐老化、憎水性好，具有优越的耐寒热性能，特别适用于高海拔地区、寒冷地区、潮湿地区、盐雾地区及重污染地区。安装时不用明火，特别适用于石油、化工、矿山、隧道等易燃易爆场所。

- Adopt the most advanced full of cold technology, without flare and special tools, installation, only the line core is drawn out, elastic body will rapidly shrink and close to the installation site.
- Silicone rubber has excellent insulation and high elasticity, and always keep the proper radial pressure on the cable body, so that the inner interface of the cable can be combined tightly, and will not be produced by the operation of the cable. Electrical breakdown. The stress control part and the main insulation composite are integrated, which effectively solves the problem of the electric stress concentration in the outer shielding surface of the cable, which ensures the reliability of the insulation and the safety of the operation. All products are already in Factory manufacturing forming. Without special training, simple installation and operation, and don't use the fire, time-saving and labor-saving, cold shrinkable automatic reset technology, easy installation without breaking a sweat, greatly reduced due to improper operation Caused by the quality of the accident, but also to solve the shrinkage of prefabricated cable accessories are not tight or not to go into the phenomenon.
- Cold shrink tube and no longer joint line, smooth and beautiful appearance.
- Anti fouling, aging resistance, good hydrophobicity, with excellent cold resistance, especially suitable for high altitude areas, cold areas, wet areas, salt fog and heavy polluted areas. No need to install Flame, especially suitable for petroleum, chemical, mining, tunnel and other inflammable and explosive places.

冷缩安装解析Cold installation analysis

- 所有硅橡胶都为高品质液态硅橡胶，具有优良的绝缘性和高弹性；
- 与电缆“同呼吸”，有效降低局部放电和间隙放电；
- 无磁恒力弹簧，避免涡流和悬浮电位的产生。

- all of the silicone rubber are high quality liquid silicone rubber, with excellent insulation and high elastic;
- With the cable "the same breath", effectively reduce the partial discharge and the gap discharge;
- no magnetic constant spring, avoid the eddy current and suspended potential.

概述Summary

终端外绝缘材料是用高品质硅橡胶材料而做成的，它具有良好的疏水性能，当水滴在上面以后，随时滚落，不形成导电的水膜，且具有疏水性自愈性能。此外，它有着极强的绝缘性、抗电痕、耐腐蚀性及抗紫外线性,最大的优点是能够保证长期使用性能稳定。寿命长，与电缆本体同寿命。

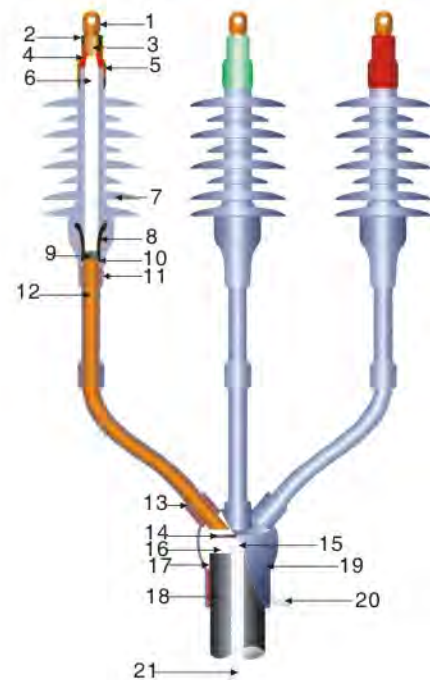
电缆附件终端头，有着独特的材料配方和制造工艺，使之紧密贴附电缆主绝缘,对电缆本体提供恒定持久的径向压力,局部放电量小，起始电压高，绝缘冲击水平高于现有标准的水平，与电缆本体同“呼吸”。

国家标准GB50168-92《电缆线路施工及验收规范》第6.1.3条规定：“制做塑料绝缘电力电缆终端与接头时，应防止尘埃、杂物落入绝缘内。严禁在雾或雨中施工”。如果在制作中不注意环境因素的影响，就会电缆头绝缘中由于进入尘埃、杂质等形成气隙，并在强电场下发生局部放电，继而发展为绝缘击穿，造成电缆头击穿的故障。如果在潮湿的环境中制作，则电缆容易受潮而使得整体绝缘水平下降，另外也容易进入潮气形成气隙而出现局部放电。

Terminal insulation material is made with high quality silicon rubber material and, it has good hydrophobic performance, when the droplets after the above, ready to roll down, do not form a conductive film of water and has a hydrophobic self-healing properties. In addition, it has a strong insulation, resistance, corrosion resistance and UV resistance, the biggest advantage is to ensure long-term use of stable performance. Long life, the same life with the cable body.

Accessory cable terminal head, has a unique material formula and manufacturing process, which closely attached cable main insulation, the body of the cable provides a constant radial pressure, small amount of partial discharge, high starting voltage, impulse insulation level is higher than the level of existing standards, and the cable body with "breath".

The national standard GB50168-92 "cable line construction and acceptance code" section 6.1.3 provides: "the manufacture of plastic insulated power cable terminals and connectors, should prevent dust, debris fall into the insulation. Is strictly prohibited in the fog or rain". If we do not pay attention to the influence of environmental factors in the production, will cable head insulation due to dust, impurities, such as the formation of air gap and under strong electric field occurred partial discharge (PD), and then to insulation breakdown, resulting in the breakdown of cable head fault. If made in a humid environment, cable is easy to be affected with damp and makes the overall reduction in the level of insulation. In addition, it is also easy to moisture from entering the gap formation and the emergence of partial discharge.



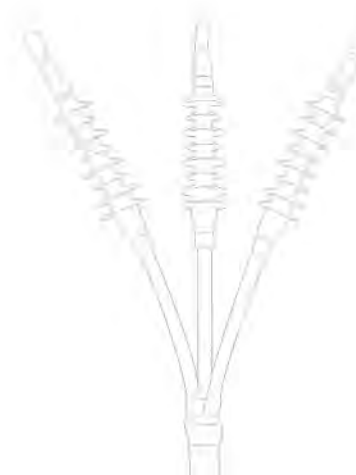
三芯冷缩型户(内)外终端装配示意图
Three core cooling type household (inner)
diagram of external terminal assembly

- | | |
|-----------|----------------------------|
| 1、接线端子 | 1、Terminal |
| 2、J-20白粘带 | 2、J-20 white sticky tape |
| 3、线芯 | 3、Wire core |
| 4、密封胶 | 4、Sealant |
| 5、密封管 | 5、Sealed tube |
| 6、终端体 | 6、Terminal body |
| 7、主绝缘层 | 7、The main insulation |
| 8、应力锥 | 8、Stress cone |
| 9、半导电带 | 9、Semi conductive tape |
| 10、半导体屏蔽层 | 10、Semiconductor shield |
| 11、密封胶 | 11、Sealant |
| 12、铜屏蔽带 | 12、Copper shielding belt |
| 13、冷缩绝缘管 | 13、Cold insulation pipe |
| 14、内衬层 | 14、Lining layer |
| 15、恒力弹簧 | 15、Constant spring |
| 16、钢铠 | 16、Steel armor |
| 17、电缆外护套 | 17、Cable outer sheath |
| 19、冷缩三支套 | 19、And three sets of |
| 20、屏蔽接地线 | 20、Shielded grounding wire |
| 21、钢铠接地线 | 21、Steel armored ground |

型号及其含义 Model and Its Implications



冷缩组件解析
The contraction
component analysis



- 例:1. "NLS-10/3.2" 表示10KV冷缩电缆附件户内终端, 适用于截面为70-120mm的三芯电缆。
2. "JLS-35/1.3" 表示35KV冷缩电缆附件中间接头, 适用于截面为300-400mm的单芯电缆。

Example: 1 "NLS-10/3.2" 10KV indoor terminal cable accessories, applicable to section three of 70-120mmCore cable. 2 "JLS-35/1.3" 35KV cable accessories middle connector, suitable for single section 300-400mmCore cable.



1KV硅橡胶冷缩电缆附件1KV silicone rubber cable accessories

适用于0.6/1KV聚氯乙烯、交联聚乙烯、橡塑绝缘单芯、二芯、三芯、四芯、五芯电力电缆。
Applicable to 0.6/1KV PVC, polyethylene, plastic insulated single core, two core, three core, four core, five core power cable.

图片 Picture	型号 Model	适用电缆截面(mm²) The application of cable section	单位 Company
三芯电缆终端 Three core cable terminal 	LS-1/3.0	10-16	套 set
	LS-1/3.1	25-50	套 set
	LS-1/3.2	70-120	套 set
	LS-1/3.3	150-240	套 set
	LS-1/3.4	300-400	套 set
三芯电缆中间接头 Three core cable middle joint 	JLS-1/3.0	10-16	套 set
	JLS-1/3.1	25-50	套 set
	JLS-1/3.2	70-120	套 set
	JLS-1/3.3	150-240	套 set
	JLS-1/3.4	300-400	套 set
四芯电缆终端 Four core cable terminal 	LS-1/4.0	10-16	套 set
	LS-1/4.1	25-50	套 set
	LS-1/4.2	70-120	套 set
	LS-1/4.3	150-240	套 set
	LS-1/4.4	300-400	套 set
四芯电缆中间接头 Four core cable middle joint 	JLS-1/4.0	10-16	套 set
	JLS-1/4.1	25-50	套 set
	JLS-1/4.2	70-120	套 set
	JLS-1/4.3	150-240	套 set
	JLS-1/4.4	300-400	套 set
五芯电缆终端 Five core cable terminal 	LS-1/5.0	10-16	套 set
	LS-1/5.1	25-50	套 set
	LS-1/5.2	70-120	套 set
	LS-1/5.3	150-240	套 set
	LS-1/5.4	300-400	套 set
五芯电缆中间接头 Five core cable middle joint 	JLS-1/5.0	10-16	套 set
	JLS-1/5.1	25-50	套 set
	JLS-1/5.2	70-120	套 set
	JLS-1/5.3	150-240	套 set
	JLS-1/5.4	300-400	套 set

10KV系列冷缩电力电缆终端10KV series and power cable terminal



10kV单芯冷缩户内终端
10kV single corecooling indoor terminal



10kV单芯冷缩户外终端
10kV single corecooling outdoor terminal



10kV三芯冷缩户内终端
10kV three corecooling indoor terminal



10kV三芯冷缩户外终端
10kV three corecooling outdoor terminal

产品名称 Product name	型号 Model	适用导体截面积(mm²) Applicable conductor cross-sectional area
10kV单芯冷缩户内终端 10kV single corecooling indoor terminal	NLS-10/1.1	25-50
	NLS-10/1.2	70-120
	NLS-10/1.3	150-240
	NLS-10/1.4	300-400
10kV单芯冷缩户外终端 10kV single corecooling outdoor terminal	WLS-10/1.1	25-50
	WLS-10/1.2	70-120
	WLS-10/1.3	150-240
	WLS-10/1.4	300-400
10kV三芯冷缩户内终端 10kV three corecooling indoor terminal	NLS-10/3.1	25-50
	NLS-10/3.2	70-120
	NLS-10/3.3	150-240
	NLS-10/3.4	300-400
10kV三芯冷缩户外终端 10kV three corecooling outdoor terminal	WLS-10/3.1	25-50
	WLS-10/3.2	70-120
	WLS-10/3.3	150-240
	WLS-10/3.4	300-400

使用范围Range of use

适用于电压等级3.6/6KV、6/6KV、6/10KV、8.7/10KV、8.7/15KV的单芯三芯交联电力电缆的连接，起密封、绝缘、应力疏散的作用。特别适用于石油、化工、矿山等易燃易爆场所。

Suitable for voltage level 3.6/6KV, 6/6KV, 6/10KV, 8.7/10KV, 8.7/15KV single core three core cross-linked power cable connection, the role of sealing, insulation, stress evacuation. Particularly suitable for use in petroleum, chemical, mining and other inflammable and explosive places.

冷缩电缆附件配件明细Cable accessories accessories list

冷缩终端 Cold terminal	半导电带 Semi conductive tape	硅脂膏 Grease Paste	清洗纸 Cleaning paper	纸卡 Paper card
护套管 Casing pipe	填充胶 Filling glue	PVC	创可贴 Band aid	安装工艺 Installation process
密封管 Sealed tube	编织地线 Braided wire	相色圈 Phase color ring	J-20	合格证 Certificate of qualification
恒力弹簧 Constant spring	卷尺 tape	施工手套 Construction gloves	扎带 Tie	绝缘管 insulating tube



20kV单芯冷缩户内终端
20kV single corecooling indoor terminal



20kV单芯冷缩户外终端
20kV single corecooling outdoor terminal



20kV三芯冷缩户内终端
20kV three corecooling indoor terminal



20kV三芯冷缩户外终端
20kV three corecooling outdoor terminal

20KV系列冷缩电力电缆终端20KV series and power cable terminal

产品名称 Product name	型号 Model	适用导体截面积(mm²) Applicable conductor cross-sectional area
20kV单芯冷缩户内终端 20kV single corecooling indoor terminal	NLS-20/1.1	35-70
	NLS-20/1.2	95-185
	NLS-20/1.3	240-400
	NLS-20/1.4	500-800
20kV单芯冷缩户外终端 20kV single corecooling outdoor terminal	WLS-20/1.1	35-70
	WLS-20/1.2	95-185
	WLS-20/1.3	240-400
	WLS-20/1.4	500-800
20kV三芯冷缩户内终端 20kV three corecooling indoor terminal	NLS-20/3.1	35-70
	NLS-20/3.2	95-185
	NLS-20/3.3	240-400
	NLS-20/3.4	500-800
20kV三芯冷缩户外终端 20kV three corecooling outdoor terminal	WLS-20/3.1	35-70
	WLS-20/3.2	95-185
	WLS-20/3.3	240-400
	WLS-20/3.4	500-800

使用范围Range of use

适用于电压等级12/20KV、18/20KV、18/30KV的单芯三芯交联电力电缆的连接，起密封、绝缘、应力疏散的作用。先进的后注射工艺，更好的解决了局放问题，确保了运行安全可靠。特别适合用于石油、化工、矿山等易燃易爆场所。

The application of the 12/20KV, 18/20KV, 18/30KV single core three core cross-linked power cable to connect the role of sealing, insulation, stress evacuation. Advanced after injection process, the better to solve the problem, to ensure the safety and reliability of the operation. Particularly suitable for use in petroleum, chemical, mining and other inflammable and explosive places.

冷缩电缆附件配件明细Cable accessories accessories list

冷缩终端 Cold terminal	半导电带 Semi conductive tape	硅脂膏 Grease Paste	清洗纸 Cleaning paper	纸卡 Paper card	方巾 Kerchief
护套管 Casing pipe	填充胶 Filling glue	PVC	创可贴 Band aid	安装工艺 Installation process	三角垫锥 Cone cone
密封管 Sealed tube	编织地线 Braided wire	相色圈 Phase color ring	J-20	合格证 Certificate of qualification	纱布条 Gauze strip
恒力弹簧 Constant spring	卷尺 tape	施工手套 Construction gloves	扎带 Tie	绝缘管 insulating tube	



10kV单芯冷缩户内终端
10kV single corecooling indoor terminal



10kV单芯冷缩户外终端
10kV single corecooling outdoor terminal



10kV三芯冷缩户内终端
10kV three corecooling indoor terminal



10kV三芯冷缩户外终端
10kV three corecooling outdoor terminal

35KV系列冷缩电力电缆终端35KV series and power cable terminal

产品名称 Product name	型号 Model	适用导体截面积(mm²) Applicable conductor cross-sectional area
35kV单芯冷缩户内终端 35kV single corecooling indoor terminal	NLS-35/1.1	50-95
	NLS-35/1.2	120-240
	NLS-35/1.3	300-400
	NLS-35/1.4	500-800
35kV单芯冷缩户外终端 35kV single corecooling outdoor terminal	WLS-35/1.1	50-95
	WLS-35/1.2	120-240
	WLS-35/1.3	300-400
	WLS-35/1.4	500-800
35kV三芯冷缩户内终端 10kV three corecooling indoor terminal	NLS-35/3.1	50-95
	NLS-35/3.2	120-240
	NLS-35/3.3	300-400
	NLS-35/3.4	500-800
35kV三芯冷缩户外终端 10kV three corecooling outdoor terminal	WLS-35/3.1	50-95
	WLS-35/3.2	120-240
	WLS-35/3.3	300-400
	WLS-35/3.4	500-800

使用范围Range of use

适用于电压等级21/31.5KV、26/31.5KV的单芯三芯交联电力电缆的连接，起密封、绝缘、应力疏散的作用。特别适合用于石油、化工、矿山等易燃易爆场所。

Suitable for the voltage level 21/31.5KV, 26/31.5KV single core three core cross-linked power cable connection, play the role of sealing, insulation, stress evacuation. Particularly suitable for use in petroleum, chemical, mining and other inflammable and explosive places.

冷缩电缆附件配件明细Cable accessories accessories list

填充胶 Filling glue	密封胶 Sealant	J-20	半导电带 Semi conductive tape
编织铜地线 Braided copper wire	恒力弹簧 Constant spring	相色带 Phase ribbon	硅脂膏 Grease Paste
棉白手套 Cotton white gloves	清洁纸 cleaning paper	卷尺 tape	硅脂膏 Grease Paste
创可贴 Band aid	三角锥 Quadrihedron	安装工艺 Installation process	合格证 Certificate of qualification



10kV单芯冷缩中间接头
10kV single corecooling
intermediate joint

10kV系列冷缩电力电缆中间接头10kV series and power cable joint

产品名称 Product name	型号 Model	适用导体截面积(mm²) Applicable conductor cross-sectional area
10kV单芯冷缩中间接头 10kV single corecooling intermediate joint	JLS-10/1.1	25-50
	JLS-10/1.2	70-120
	JLS-10/1.3	150-240
	JLS-10/1.4	300-400
10kV三芯冷缩中间接头 10kV three corecooling intermediate joint	JLS-10/3.1	25-50
	JLS-10/3.2	70-120
	JLS-10/3.3	150-240
	JLS-10/3.4	300-400

使用范围Range of use

适用于电压等级3.6/6KV、6/6KV、6/10KV、8.7/10KV、8.7/15KV的单芯三芯交联电力电缆的连接，起密封、绝缘、应力疏散的作用。特别适用于石油、化工、矿山等易燃易爆场所。

Suitable for voltage level 3.6/6KV, 6/6KV, 6/10KV, 8.7/10KV, 8.7/15KV single core three core cross-linked power cable connection, the role of sealing, insulation, stress evacuation. Particularly suitable for use in petroleum, chemical, mining and other inflammable and explosive places.



10kV三芯冷缩中间接头
10kV three corecooling
intermediate joint

冷缩电缆附件配件明细Cable accessories accessories list

冷缩终端 Cold terminal	半导电带 Semi conductive tape	硅脂膏 Grease Paste	清洗纸 Cleaning paper	纸卡 Paper card
护套管 Casing pipe	填充胶 Filling glue	PVC	创可贴 Band aid	安装工艺 Installation process
密封管 Sealed tube	编织地线 Braided wire	相色圈 Phase color ring	J-20	合格证 Certificate of qualification
恒力弹簧 Constant spring	卷尺 tape	施工手套 Construction gloves	扎带 Tie	绝缘管 insulating tube



20kV单芯冷缩中间接头
20kV single corecooling
intermediate joint

20kV系列冷缩电力电缆中间接头20kV series and power cable joint

产品名称 Product name	型号 Model	适用导体截面积(mm²) Applicable conductor cross-sectional area
20kV单芯冷缩中间接头 20kV single corecooling intermediate joint	JLS-20/1.1	35-70
	JLS-20/1.2	95-185
	JLS-20/1.3	240-400
	JLS-20/1.4	500-800
20kV三芯冷缩中间接头 20kV three corecooling intermediate joint	JLS-20/3.1	35-70
	JLS-20/3.2	95-185
	JLS-20/3.3	240-400
	JLS-20/3.4	500-800

使用范围Range of use

适用于电压等级12/20KV、18/20KV、18/30KV的单芯三芯交联电力电缆的连接，起密封、绝缘、应力疏散的作用。先进的后注射工艺,更好的解决了局放问题，确保了运行安全可靠。特别适用于石油、化工、矿山等易燃易爆场所。

The 12/20KV, 18/20KV and 18/30KV are applied to the connection of the single core three core cross linking power cable, which is the function of sealing, insulation and stress evacuation. Advanced after injection process, the better to solve the problem, to ensure the safety and reliability of the operation. Particularly suitable for use in petroleum, chemical, mining and other inflammable and explosive places.



20kV三芯冷缩中间接头
20kV three corecooling
intermediate joint

冷缩电缆附件配件明细Cable accessories accessories list

冷缩终端 Cold terminal	半导电带 Semi conductive tape	硅脂膏 Grease Paste	清洗纸 Cleaning paper	纸卡 Paper card	方巾 Kerchief
护套管 Casing pipe	填充胶 Filling glue	PVC	创可贴 Band aid	安装工艺 Installation process	三角垫锥 Cone cone
密封管 Sealed tube	编织地线 Braided wire	相色圈 Phase color ring	J-20	合格证 Certificate of qualification	纱布条 Gauze strip
恒力弹簧 Constant spring	卷尺 tape	施工手套 Construction gloves	扎带 Tie	绝缘管 insulating tube	



35kV单芯冷缩中间接头
35kV single core cooling intermediate joint



35kV三芯冷缩中间接头
35kV three core cooling intermediate joint

35kV系列冷缩电力电缆中间接头35kV series and power cable joint

产品名称 Product name	型号 Model	适用导体截面积(mm²) Applicable conductor cross-sectional area
35kV单芯冷缩中间接头 35kV single core cooling intermediate joint	JLS-35/1.1	50-95
	JLS-35/1.2	120-240
	JLS-35/1.3	300-400
	JLS-35/1.4	500-800
35kV三芯冷缩中间接头 35kV three core cooling intermediate joint	JLS-35/3.1	50-95
	JLS-35/3.2	120-240
	JLS-35/3.3	300-400
	JLS-35/3.4	500-800

使用范围Range of use

适用于电压等级21/31.5KV、26/31.5KV的单芯三芯交联电力电缆的连接，起密封、绝缘、应力疏散的作用。特别适用于石油、化工、矿山等易燃易爆场所。

Suitable for the voltage level 21/31.5KV, 26/31.5KV single core three core cross-linked power cable connection, play the role of sealing, insulation, stress evacuation. Particularly suitable for use in petroleum, chemical, mining and other inflammable and explosive places.

冷缩电缆附件配件明细Cable accessories accessories list

填充胶 Filling glue	密封胶 Sealant	J-20	半导电带 Semi conductive tape
编织铜地线 Braided copper wire	恒力弹簧 Constant spring	相色带 Phase ribbon	硅脂膏 Grease Paste
棉白手套 Cotton white gloves	清洁纸 cleaning paper	卷尺 tape	硅脂膏 Grease Paste
创可贴 Band aid	三角锥 Quadrihedron	安装工艺 Installation process	合格证 Certificate of qualification



10kV电缆中间接头防爆盒
10kV Explosion proof box for cable middle joint

长度length(mm):1600 内径I.D.(mm):180



35kV电缆中间接头防爆盒
35kV Explosion proof box for cable middle joint

长度length(mm):1620 内径I.D.(mm):255

概述Summary

玻璃钢外壳产品种类繁多,主要有10kV单芯10kV三芯,35kV单芯35kV三芯,110kV,220kV,500kV单芯中间接头玻璃钢外壳几大类。玻璃钢外壳主要功能是耐受一定的外力碰撞和损伤中间接头。

A wide range of glass fiber reinforced plastic shell products, mainly 10kV single core 10kV three core, 35kV single core 35kV three core, 110kV, 220kV, 500kV single core intermediate joint glass steel shell a few categories. The main function of the glass fiber reinforced plastic shell is to withstand a certain external force. Collision and damage intermediate joints.

安装方法Installation method

- 准备工作
 - 检查所配玻璃钢外壳适用的规格和尺寸与电缆的外径和中间头(应力锥或铜壳)的配合尺寸是否吻合;
 - 检查玻璃钢外壳的密封材料(哈夫开口的密封垫,玻璃钢外壳两端口与电缆的密封材料:带材和热缩管)是否齐全;
 - 检查高压电缆环氧泥两组份电缆胶包装是否完整,组份的数量是否充足;
- 玻璃钢外壳的装配
 - 对待安装的玻璃钢外壳的中间接头段清洁处理,装上玻璃钢外壳的上下半,引出同轴电缆或接地电缆,上紧若干个螺栓,防爆盒两端口和同轴电缆或接地电缆的密封处理(包防水密封带材和收缩热缩管);
 - 将滑石粉添加到环氧泥中,再把两组份高压电缆环氧泥合在一起搅拌均匀;
 - 将玻璃钢壳两端口填充环氧泥;环氧泥填充至壳体有点斜的部分,外面再缠上防水带。将两端口包裹严实。
 - 封盖口,安装完毕。

- preparations
 - Check with glass steel shell applicable specifications and dimensions and the cable diameter and the middle of the head (stress cone or cuprum shell) with the size is consistent;
 - Check the glass steel shell sealing material (dral opening sealing pad, glass steel shell port and cable sealing material: strip and heat shrinkable tube) is complete.
 - Check the high voltage cable epoxy mud two component cable plastic packaging is complete, the amount of the group is sufficient
- Assembly of glass fiber reinforced plastic enclosure
 - Towards the middle of the installation of the glass steel shell joint segment cleaning, glass steel shell mounted on half, leads to a coaxial cable or cable, tighten the plurality of bolts, explosion-proof box two port and the coaxial cable or cable sealing treatment (including waterproof sealing strip and shrink tube);
 - Talc powder was added to the epoxy mud, and then the two groups of high pressure cable epoxy mud together to mix evenly;
 - The glass fiber reinforced plastic shell is filled with two ports, and the epoxy sludge is filled to the shell with a little slanting part, and the outer surface is wrapped with a waterproof belt. The two port covered.
 - Cover, installation.



型号及其含义 Model and Its Implications

□ S □ - □ / □ □	
适用电缆截面序号 Applicable cable section serial number	1~10KV : 1、25~50mm ² 2、70~120mm ² 3、150~240mm ² 4、300~500mm ² 20KV : 1、50~95mm ² 2、120~240mm ² 3、300~400mm ² 4、500~800mm ² 35KV : 1、50~120mm ² 2、150~240mm ² 3、300~500mm ²
适用电缆芯数 Application of cable core number	1-单芯 2-两芯 3-三芯 4-四芯 5-五芯 1- single core 2- two core 3- three core 4- four core 5- five core
电压等级 voltage class	1-0.6/1.0kV 10-6/10kV~8.7/15kV 20-12/20kV~18/20kV 35-21/35kV~26/35kV
电缆类型 Cable type	Y-交联聚乙烯电缆 Y- cross linked polyethylene cable
冷缩型电缆附件 Cold shrinkable cable accessories	
产品类型 Product type	W-户外终端 N-户内终端 J-中间接头 W- outdoor terminal N- indoor terminal of J- joints

例：1. "WSY-10/1.3" 表示10kV交联聚乙烯绝缘电力电缆户外热缩终端适用于截面为150-240mm²的单芯电缆。

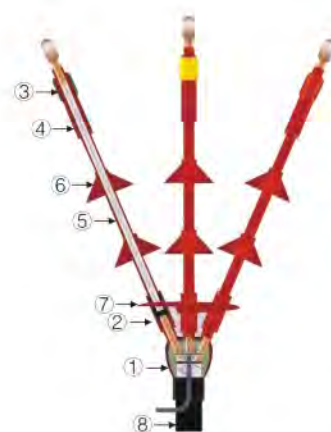
2. "JSY-1/3.2" 表示1kV橡塑电力电缆热缩接头，适用于截面70-120mm²的三芯电缆。

Example: "1." WSY-10/1.3 said 10kV XLPE insulated power cable outdoor heat shrinkable terminations for in section 150-240mm² of single core cable.

2 "JSY-1/3.2" 1kV rubber heat shrinkable power cable connector, three core cable used in section 70-120mm².

1kV、10kV、20kV、35kV热缩电力电缆终端头、中间接头系列产品，集防水、应力控制、屏蔽、绝缘于一体。具有良好的电气性能和机械性能，能在各种恶劣的环境下长期使用。具有重量轻、安装方便等优点。广泛地应用于电力、石油化工、冶金、铁路港口和建筑领域。

1kV, 10kV and 20kV, 35kV heat shrinkable power cable terminal head, the middle connector series products, waterproof, stress control, shielding, insulation in one. Has good electrical and mechanical properties, can be used in a variety of harsh environment for long-term use. It has the advantages of light weight, convenient installation and so on. Widely used in electric power, petrochemical industry, metallurgy, railway port and construction field.

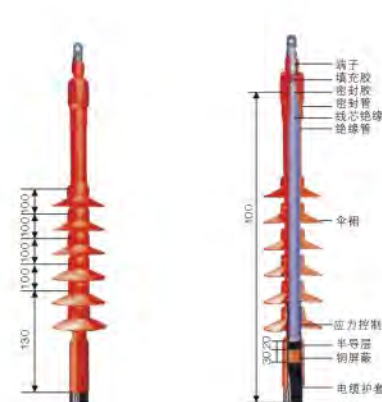


10kV三芯热缩终端剖面图

1. 热缩支套
1 sets of heat shrinkable branch
2. 应力管
2 stress tube
3. 绝缘管
3 insulating tube
4. 密封管
4 sealing pipe
5. 相色管
5 phase color tube
6. 单孔雨裙
6 single Kong Yuqun
7. 三孔雨裙
7 three rain skirt
8. 电力电缆
8 power cable



35kV三芯户外终端



35kV单芯户外终端安装图



10、20、35kV中间接头组合套管
10, 20, 35kV intermediate joint casing

1. 支套-电缆线芯分支处的密封绝缘保护
2. 绝缘管-电缆线芯的绝缘保护盒增强绝缘
3. 应力管-控制电厂分布 改善高压电缆的电应力集中
4. 密封管-电缆终端连接处的外层密封和防水
5. 雨裙-增加电缆终端头的爬电距离
6. 辅助材料-填充胶、相色带、半导电自粘带、绝缘自粘带、接地线、清洁剂、手套等

1. sets of sealed insulation protection - cable branch
2. insulation pipe insulation cable core reinforced insulation protection box
3. stress management - control of power plant distribution to improve the electrical stress concentration of high voltage cables
4. sealing and waterproofing of the outer layer of the cable terminal connection
5. rain skirt - increase the distance of the cable terminal head
6. auxiliary materials - filled rubber, ribbons, semi conductive self-adhesive tape, insulation tape, grounding wire, cleaning agents, gloves etc.



注意：使用石油气喷枪收缩热缩材料时，以红色火焰为宜，由中心位置逐渐向两端均匀加热，应避免局部高热烧伤产品。推荐使用的丙烷喷枪或电吹风加热收缩。

Note: the use of LPG spray gun shrink the material, with red flame is appropriate, position gradually to the ends of the uniform heating, should avoid local burn and high fever products. The use of propane spray gun or hair dryer heating shrinkage.

适用于0.6/1KV聚氯乙烯、交联聚乙烯、橡塑绝缘单芯、二芯、三芯、四芯、五芯电力电缆。
Applicable to 0.6/1KV PVC, polyethylene, plastic insulated single core, two core, three core, four core, five core power cable.

型号 Model	适用电缆截面(mm²) The application of cable section	单位 Company	绝缘管长度(mm) Insulation tube length
SY-1/1.0	10-16	套 set	600
SY-1/1.1	25-50	套 set	
SY-1/1.2	70-120	套 set	
SY-1/1.3	150-240	套 set	
SY-1/1.4	300-500	套 set	
SY-1/2.0	10-16	套 set	
SY-1/2.1	25-50	套 set	
SY-1/2.2	70-120	套 set	
SY-1/2.3	150-240	套 set	
SY-1/2.4	300-500	套 set	
SY-1/3.0	10-16	套 set	
SY-1/3.1	25-50	套 set	
SY-1/3.2	70-120	套 set	
SY-1/3.3	150-240	套 set	
SY-1/3.4	300-500	套 set	
SY-1/4.0	10-16	套 set	800
SY-1/4.1	25-50	套 set	
SY-1/4.2	70-120	套 set	
SY-1/4.3	150-240	套 set	
SY-1/4.4	300-500	套 set	
SY-1/5.0	10-16	套 set	1000
SY-1/5.1	25-50	套 set	
SY-1/5.2	70-120	套 set	
SY-1/5.3	150-240	套 set	
SY-1/5.4	300-500	套 set	



单芯电缆终端



二芯电缆终端



三芯电缆终端



四芯电缆终端



五芯电缆终端



10kV单芯热缩户内终端



10kV单芯热缩户外终端



10kV三芯热缩户内终端



10kV三芯热缩户外终端

型号 Model	适用电缆截面(mm²) The application of cable section
NSY-10/1.1	25-50
NSY-10/1.2	70-120
NSY-10/1.3	150-240
NSY-10/1.4	300-500
WSY-10/1.1	25-50
WSY-10/1.2	70-120
WSY-10/1.3	150-240
WSY-10/1.4	300-500
NSY-10/3.1	25-50
NSY-10/3.2	70-120
NSY-10/3.3	150-240
NSY-10/3.4	300-500
WSY-10/3.1	25-50
WSY-10/3.2	70-120
WSY-10/3.3	150-240
WSY-10/3.4	300-500



20kV单芯热缩户内终端



20kV单芯热缩户外终端



20kV 三芯热缩户内终端



20kV三芯热缩户外终端

型号 Model	适用电缆截面(mm²) The application of cable section
NSY-20/1.1	50-95
NSY-20/1.2	120-240
NSY-20/1.3	300-400
NSY-20/1.4	500-800
WSY-20/1.1	50-95
WSY-20/1.2	120-240
WSY-20/1.3	300-400
WSY-20/1.4	500-800
NSY-20/3.1	50-95
NSY-20/3.2	120-240
NSY-20/3.3	300-400
NSY-20/3.4	500-800
WSY-20/3.1	50-95
WSY-20/3.2	120-240
WSY-20/3.3	300-400
WSY-20/3.4	500-800



35kV单芯热缩户内终端



35kV单芯热缩户外终端



35kV三芯热缩户内终端



35kV三芯热缩户外终端

型号 Model	适用电缆截面(mm²) The application of cable section
NSY-35/1.1	50-120
NSY-35/1.2	150-240
NSY-35/1.3	300-500
WSY-35/1.1	50-120
WSY-35/1.2	150-240
WSY-35/1.3	300-500
NSY-35/3.1	50-120
NSY-35/3.2	150-240
NSY-35/3.3	300-500
WSY-35/3.1	50-120
WSY-35/3.2	150-240
WSY-35/3.3	300-500



单芯电缆中间接头



二芯电缆中间接头



三芯电缆中间接头



四芯电缆中间接头



五芯电缆中间接头

适用于0.6/1KV聚氯乙烯、交联聚乙烯、橡塑绝缘单芯、二芯、三芯、四芯、五芯电力电缆。
Applicable to 0.6/1KV PVC, polyethylene, plastic insulated single core, two core, three core, four core, five core power cable.

型号 Model	适用电缆截面(mm²) The application of cable section	单位 Company	绝缘管长度(mm) Insulation tube length
JSY-1/1.0	10-16	套 set	1000
JSY-1/1.1	25-50	套 set	
JSY-1/1.2	70-120	套 set	
JSY-1/1.3	150-240	套 set	
JSY-1/1.4	300-500	套 set	
JSY-1/2.0	10-16	套 set	
JSY-1/2.1	25-50	套 set	
JSY-1/2.2	70-120	套 set	
JSY-1/2.3	150-240	套 set	
JSY-1/2.4	300-500	套 set	
JSY-1/3.0	10-16	套 set	
JSY-1/3.1	25-50	套 set	
JSY-1/3.2	70-120	套 set	
JSY-1/3.3	150-240	套 set	
JSY-1/3.4	300-500	套 set	
JSY-1/4.0	10-16	套 set	
JSY-1/4.1	25-50	套 set	
JSY-1/4.2	70-120	套 set	
JSY-1/4.3	150-240	套 set	
JSY-1/4.4	300-500	套 set	
JSY-1/5.0	10-16	套 set	
JSY-1/5.1	25-50	套 set	
JSY-1/5.2	70-120	套 set	
JSY-1/5.3	150-240	套 set	
JSY-1/5.4	300-500	套 set	



10kV单芯热缩接头



10kV三芯热缩接头

产品名称 Product name	型号 Model	适用电缆截面(mm²) The application of cable section
10kV单芯热缩接头	JSY-10/1.1	25-50
	JSY-10/1.2	70-120
	JSY-10/1.3	150-240
	JSY-10/1.4	300-500
10kV三芯热缩接头	JSY-10/3.1	25-50
	JSY-10/3.2	70-120
	JSY-10/3.3	150-240
	JSY-10/3.4	300-500

20kV 系列热缩电力电缆中间接头
20kV series heat shrinkable power cable intermediate joint



20kV单芯热缩接头



20kV三芯热缩接头

产品名称 Product name	型号 Model	适用电缆截面(mm²) The application of cable section
20kV单芯热缩接头	JSY-20/1.1	50-95
	JSY-20/1.2	120-240
	JSY-20/1.3	300-400
	JSY-20/1.4	500-800
20kV三芯热缩接头	JSY-20/3.1	50-95
	JSY-20/3.2	120-240
	JSY-20/3.3	300-400
	JSY-20/3.4	500-800

35kV 系列热缩电力电缆中间接头
35kV series heat shrinkable power cable intermediate joint

产品名称 Product name	型号 Model	适用电缆截面(mm²) The application of cable section
35kV单芯热缩接头	JSY-35/1.1	50-120
	JSY-35/1.2	150-240
	JSY-35/1.3	300-500
35kV三芯热缩接头	JSY-35/3.1	50-120
	JSY-35/3.2	150-240
	JSY-35/3.3	300-500

技术与运用Technical&used

- 产品采用聚烯烃类混合而成的复合材料，通过多道生产工艺制作而成，具有耐老化、抗拉伸等性能，是有效的绝缘保护材料。
- 产品可选颜色：黑色、红色、黄色、绿色、蓝色，特殊颜色可根据客户提供色卡定制。
- 产品选用高性能复合材料具有环保ROHS、阻燃等特性。
- 耐温范围：-55℃~125℃,收缩倍率：2:1。
- 产品主要用于电压电气绝缘保护，俗称低压母排套管。
- Products using polyolefin blend made of composite materials, production process through multi-channel production, anti-aging, anti-tensile properties, is effective insulation materials.
- Product color:black, red, yellow, green, blue, special colors can be customized according to the customer with the color card.
- Products of high performance composite materials with environmentally friendly features such as ROHS, flame retardant.
- Temperature range: -55℃ ~ 125℃, shrink ratio: 2:1.
- Products are mainly used for voltage electrical insulation protection system, commonly known as low voltage Busbar bushing.

性能参数 Performance

测试项目 Test Item	测试方法 Test Method	测试结果 Test Value
拉伸强度Tensile strength	ASTMD638	≥10Mpa
断裂伸长率Elongation	ASTMD638	≥330%
老化后拉伸强度Tensile strength after ageing	ASTMD638	≥8Mpa
老化后伸长率Elongation after ageing	ASTMD638	≥250%
纵向收缩率Longitudinal shrink ratio	ASTMD2671	1 ± 5%
介电常数Dielectric constant	ASTMD2671	≥18Ω.cm
击穿强度Dielectric strength	ASTMD149	≥25kv/mm
体积电阻率Bolume resistivity	ASTMD257	1014Ω.cm
20℃体积电阻率Bolume resistivity at 20℃	ASTMD257	1014Ω.cm
氧指数Oxygen index	ASTMD2863	≥27%
吸水率Water absorption	ASTMD570	≤0.2%
密度Density	ASTMD792	1.22 g/cm ²
阻燃性Flammability	UL224	VW-1
完全收缩温度Fully recovery temperature radio	ASTMD792	130±5℃

技术规格Technical specifications

产品规格 Product Code (mm)	收缩前 Before Shrink		收缩后 After Shrink		包装 M/ROLL
	内径ID(mm)	壁厚 Thickness(mm)	内径ID(mm)	壁厚 Thickness(mm)	
MPG-1-Φ20	20 ± 0.1	0.35±0.05	10.0-0.1	0.75±0.05	50
MPG-1-Φ25	25 ± 0.1	0.35±0.05	12.5-0.1	0.75±0.05	25
MPG-1-Φ30	30 ± 0.1	0.35±0.05	15.0-0.1	0.75±0.05	25
MPG-1-Φ35	35 ± 0.1	0.35±0.05	17.5-0.1	0.75±0.05	25
MPG-1-Φ40	40 ± 0.1	0.40±0.05	20.0-0.1	0.80±0.05	25
MPG-1-Φ50	50 ± 0.1	0.40±0.05	25.0-0.1	0.80±0.05	25
MPG-1-Φ60	60 ± 0.1	0.45±0.05	30.0-0.1	0.90±0.05	25
MPG-1-Φ70	70 ± 0.1	0.45±0.05	35.0-0.1	0.90±0.05	25
MPG-1-Φ80	80 ± 0.1	0.45±0.05	40.0-0.1	0.90±0.05	25
MPG-1-Φ90	90 ± 0.1	0.45±0.05	45.0-0.1	0.90±0.05	25
MPG-1-Φ100	100 ± 0.1	0.45±0.05	50.0-0.1	0.90±0.05	25
MPG-1-Φ120	120 ± 0.1	0.50±0.05	60.0-0.1	1.00±0.05	25
MPG-1-Φ150	150 ± 0.1	0.50±0.05	75.0-0.1	1.00±0.05	25
MPG-1-Φ180	180 ± 0.1	0.50±0.05	90.0-0.1	1.00±0.05	25



技术与运用Technical&used

- 产品可选颜色：黄色/绿色，特殊颜色可根据客户提供色卡定制热缩管。耐温范围：-40℃~125℃，收缩倍率：2:1。
- 产品主要用于电线连接、电缆终端、焊接点、电容器、裸露金属的绝缘、防腐及特殊地线标识。
- Product color: yellow/green, special colors can provide customized heat shrinkable tube color card. Temperature range: -40℃ ~ 125℃, shrink ratio: 2:1.
- Product is mainly used for wires, cables, Terminal, the welding point, capacitor, bare metal insulation and corrosion and special ground identifies.

性能参数 Performance

测试项目 Test Item	测试方法 Test Method	测试结果 Test Value
拉伸强度Ensile strength	ASTM D2671	≥12Mpa
断裂伸长率Elongation	ASTM D2671	≥450%
纵向收缩率Longitudinal shrink ratio	ASTM D2671	±5%
热冲击He at shock	ASTM D2671	不滴不流NO DROP/NO FLOW
阻燃测试Flame retardant	ASTM D2863	≥27, Oxygen Index≥27
击穿强度Dielectric strength	ASTM D2671	15kv/mm
体积电阻率Volume resistivity	ASTM D2671	1014Ω.cm
吸水率Water absorption	ASTM D570	0.5%

技术规格Technical specifications

产品规格 Product Code (mm)	收缩前 Before Shrink		收缩后 After Shrink		包装 M/ROLL
	内径ID(mm)	壁厚 Thickness(mm)	内径ID(mm)	壁厚 Thickness(mm)	
DRS-YG-1.0/0.5	≥1.00	0.18	0.5-0.1	0.37 ± 0.05	200
DRS-YG-1.5/0.75	≥1.50	0.19	0.75-0.1	0.38 ± 0.05	200
DRS-YG-2.0/1.0	≥2.00	0.19	1.00-0.1	0.38 ± 0.1	200
DRS-YG-2.5/1.25	≥2.50	0.20	1.25-0.1	0.40 ± 0.1	200
DRS-YG-3.0/1.5	≥3.00	0.20	1.50-0.1	0.40 ± 0.1	200
DRS-YG-3.5/1.75	≥3.50	0.20	1.5-0.1	0.40 ± 0.1	200
DRS-YG-4.0/2.0	≥4.00	0.21	2.00-0.1	0.42 ± 0.1	200
DRS-YG-5.0/2.5	≥5.00	0.21	2.50-0.1	0.42 ± 0.1	100
DRS-YG-6.0/3.0	≥6.00	0.21	3.00-0.1	0.42 ± 0.1	100
DRS-YG-r.0/3.5	≥7.00	0.21	3.50-0.1	0.42 ± 0.1	100
DRS-YG-8.0/4.0	≥8.00	0.21	4.00-0.1	0.42 ± 0.1	100
DRS-YG-10.0/5.0	≥10.00	0.24	5.00-0.1	0.48 ± 0.1	100
DRS-YG-12.0/6.0	≥12.00	0.25	6.00-0.1	0.50 ± 0.1	100
DRS-YG-14.0/7.0	≥14.00	0.26	r.00-0.1	0.52 ± 0.1	100
DRS-YG-16.0/8.0	≥16.00	0.29	8.00-0.1	0.58 ± 0.1	100
DRS-YG-18.0/9.0	≥18.00	0.30	9.00-0.1	0.60 ± 0.1	50
DRS-YG-20.0/10.0	≥20.00	0.31	10.0-0.1	0.62 ± 0.1	50
DRS-YG-25.0/12.5	≥25.00	0.35	12.5-0.1	0.70 ± 0.1	25
DRS-YG-28.0/14.0	≥28.00	0.3T	14.0-0.1	0.75 ± 0.1	25
DRS-YG-30.0/15.0	≥30.00	0.39	15.0-0.1	0.78 ± 0.2	25
DRS-YG-35.0/17.5	≥35.00	0.39	17.5-0.1	0.78 ± 0.2	25
DRS-YG-40.0/20.0	≥40.00	0.39	20.0-0.1	0.78 ± 0.2	25
DRS-YG-50.0/25.0	≥50.00	0.40	25.0-0.1	0.80 ± 0.2	25
DRS-YG-60.0/30.0	≥60.00	0.43	30.0-0.1	0.86 ± 0.2	25



技术与运用 Technical & Used

- 产品内壁为热熔胶，加热时会熔融覆盖在物体表面上，形成良好的密封系统。
- 产品选用高性能复合材料具有环保ROHS、阻燃等特性。
- 产品主要用于各种连接器、指套、电线电缆的密封连接、修补等，提供防潮、防水、绝缘保护等。
- 产品可选颜色：黑色，特殊颜色可根据客户提供色卡定制。
- 耐温范围：-40℃~125℃，收缩倍率：3:1、4:1。
- 产品标准根据CANUSA、3M、Remchey制定。
- Product wall to melt, melt when heated cover a surface, forming a good sealing system.
- Product color: black, special colors can be customized according to the customer with the color card.
- Products of high performance composite materials with environmentally friendly features such as ROHS, flame retardant.
- Temperature range: -40℃ ~ 125℃, shrink ratio: 3: 1, 4: 1.
- Products are mainly used for various connectors, finger, wire and cable sealing connections, patches, etc., provide moisture-proof, waterproof, insulated protection, etc.
- Product standards according to CANUSA, 3M, REMCHEY formulation.

性能参数 Performance

测试项目 Test Item	测试方法 Test Method	测试结果 Test Value
拉伸强度Tensile strength	ASTM D638	≥ 13Mpa
断裂伸长率Elongation	ASTM D638	≥ 350%
纵向收缩率Longitudinal shrink ratio	ASTM D2671	± 10%
热冲击Heat shock	ASTM D2671	不滴不流NO DROP/NO FLOW(PE层)
阻燃性Flamm ability	UL224	VW-1
击穿强度Dielectric strength	ASTM D149	≥ 25kv/mm
体积电阻率Bolume resistivity	ASTM D257	1014Ω.cm
剥离强度Peel strength	DIIN 30672	≥ 30N/mm

技术规格 Technical specifications

产品规格 Product Code (mm)	收缩前内径(mm) inner dimension before	收缩尺寸 Inner dimension alter			包装(米/盘) m/volume
		内径inner	总壁厚 Wall thickness	胶层厚thickness	
2.4/0.8	≥2.4	1.0	0.5±0.06	0.30±0.06	200
3.2/1.0	≥3.2	0.8	0.96±0.06	0.95±0.08	200
4.8/1.6	≥4.8	1.6	1.10±0.08	0.40±0.08	100
6.4/2.2	≥6.4	2.2	1.20±0.08	0.45±0.08	100
7.9/2.6	≥7.9	2.6	1.35±0.08	0.50±0.08	50M/1.22
9.5/3.2	≥9.5	3.2	1.45±0.08	0.50±0.08	50M/1.22
12.7/4.2	≥12.7	4.2	1.70±0.08	0.60±0.08	50M/1.22
15.0/5.2	≥15.0	5.2	1.80±0.10	0.55±0.10	25M/1.22
19.1/6.3	≥19.1	6.3	2.00±0.10	0.55±0.10	25M/1.22
25.4/8.5	≥25.4	8.5	2.10±0.10	0.55±0.10	25M/1.22
30.0/10.2	≥30.0	10.2	2.20±0.10	0.60±0.10	25M/1.22
35.0/11.5	≥35.0	11.5	2.30±0.10	0.60±0.10	25M/1.22
40.0/13.5	≥40.0	13.5	2.40±0.10	0.60±0.10	25M/1.22
50.0/17	≥50.0	17	2.70±0.10	0.70±0.10	25M/1.22
60.0/21	≥60.0	21	3.00±0.15	0.90±0.10	25M/1.22
70.0/23	≥70.0	23	3.20±0.20	0.90±0.10	1.22
80.0/26.5	≥80.0	26.5	3.50±0.20	1.00±0.10	1.22
90.0/30	≥90.0	30	3.50±0.20	1.10±0.10	1.22
100/33	≥100	33.3	3.50±0.20	1.20±0.10	1.22
120/40	≥120	40	3.50±0.20	1.20±0.10	1.22
150/50	≥150	50	3.50±0.20	1.20±0.10	1.22



性能参数 Performance

测试项目 Test Item	测试方法 Test Method	测试结果 Test Value
拉伸强度Tensile strength	ASTMD638	≥12Mpa
断裂伸长率Elongation	ASTMD638	≥300%
老化后拉伸强度Tensile strength after ageing	ASTMD638	≥10Mpa
老化后伸长率Longation after ageing	ASTMD638	≥220%
纵向收缩率Longitudinalshrink ratio	ASTMD2671	±5%
介电常数Dielectric constant	ASTMD2671	≥18Ω.cm
击穿强度Dielectric strength	ASTMD149	≥25kv/mm
体积电阻率Bolume resistivity	ASTMD257	1014Ω.cm
20℃体积电阻率Bolume resistivity at 20℃	ASTMD257	1014Ω.cm
氧指数Oxygen index	ASTMD2863	≥26%
吸水率Water absorption	ASTMD570	≥0.2%
密度Density	ASTMD792	1.25 g/cm3
阻燃性Flammability	UL224	VW-1
偏壁率Eccentricity	ASTMD792	30%
完全收缩温度Fully recovery temperature radio	ASTMD792	130±5℃

系统电压 System voltage	通常绝缘距离 Ususly Insulator Distance	使用 MPG-10 系列产品后的绝缘距离 Insulation distance after the use of mpg-10 series	
		对地绝缘距离Insulation distance to ground	相同绝缘距离Insulation distance between phases
10kv	120mm	80mm	70mm
22kv	220mm	160mm	120mm

技术规格 Technical specifications

10kv连续母线保护套管L系列10kV continuous busbar protection sleeve L series					
产品规格(mm) Product Code	收缩前 Before Shrink		收缩后 After Shrink		包装 M/ROLL
	内径ID(mm)	壁厚 Thickness(mm)	内径ID(mm)	壁厚 Thickness(mm)	
LMPG-10-Φ15/6	15+0.1	1.1±0.05	6.0-0.1	2.2±0.1	25
LMPG-10-Φ20/10	20+0.1	1.2±0.05	10.0-0.1	2.4±0.1	25
LMPG-10-Φ25/12.5	25+0.1	1.2±0.05	12.5-0.1	2.4±0.1	25
LMPG-10-Φ30/15	30+0.1	1.2±0.05	15.0-0.1	2.4±0.1	25
LMPG-10-Φ40/20	40+0.1	1.2±0.05	20.0-0.1	2.4±0.1	25
LMPG-10-Φ50/25	50+0.1	1.2±0.05	25.0-0.1	2.4±0.1	25
LMPG-10-Φ60/30	60+0.1	1.2±0.05	30.0-0.1	2.4±0.1	25
LMPG-10-Φ70/35	70+0.1	1.2±0.05	35.0-0.1	2.4±0.1	25
LMPG-10-Φ80/40	80+0.1	1.2±0.05	40.0-0.1	2.4±0.1	25
LMPG-10-Φ90/45	90+0.1	1.2±0.05	45.0-0.1	2.4±0.1	25
LMPG-10-Φ100/50	100+0.1	1.2±0.05	50.0-0.1	2.4±0.1	25
LMPG-10-Φ120/60	120+0.1	1.2±0.05	60.0-0.1	2.4±0.1	25
LMPG-10-Φ150/75	150+0.1	1.2±0.05	75.0-0.1	2.4±0.1	25
LMPG-10-Φ180/90	180+0.1	1.2±0.05	90.0-0.1	2.4±0.1	25
LMPG-10-Φ200/100	200+0.1	1.2±0.05	100.0-0.1	2.4±0.1	25
10kv单根母线保护套管D系列10kV D series of single busbar protection casing					
DMPG-10-Φ15/7	15+0.1	1.1±0.05	6.0-0.1	2.2±0.1	1.0
DMPG-10-Φ20/10	20+0.1	1.2±0.05	10.0-0.1	2.3±0.1	1.0
DMPG-10-Φ25/12	25+0.1	1.2±0.05	12.5-0.1	2.3±0.1	1.0
DMPG-10-Φ30/12	30+0.1	1.2±0.05	15.0-0.1	2.4±0.1	1.0
DMPG-10-Φ35/14	35+0.1	1.2±0.05	17.5-0.1	2.4±0.1	1.0
DMPG-10-Φ40/16	40+0.1	1.2±0.05	20.0-0.1	2.4±0.1	1.0
DMPG-10-Φ50/20	50+0.1	1.2±0.05	25.0-0.1	2.4±0.1	1.0
DMPG-10-Φ65/25	60+0.1	1.2±0.05	30.0-0.1	2.6±0.1	1.0
DMPG-10-Φ75/30	70+0.1	1.2±0.05	35.0-0.1	2.6±0.1	1.0
DMPG-10-Φ85/35	80+0.1	1.2±0.05	40.0-0.1	2.6±0.1	1.0
DMPG-10-Φ90/40	90+0.1	1.2±0.05	45.0-0.1	2.6±0.1	1.0
DMPG-10-Φ100/45	100+0.1	1.2±0.05	50.0-0.1	2.6±0.1	1.0
DMPG-10-Φ120/50	120+0.1	1.2±0.05	60.0-0.1	2.6±0.1	1.0
DMPG-10-Φ150/60	150+0.1	1.2±0.05	60.0-0.1	2.6±0.1	1.0
DMPG-10-Φ160/60	160+0.1	1.2±0.05	60.0-0.1	2.8±0.1	1.0
DMPG-10-Φ180/60	180+0.1	1.2±0.05	60.0-0.1	3.4±0.1	1.0
DMPG-10-Φ200/60	200+0.1	1.2±0.05	60.0-0.1	3.8±0.1	1.0
DMPG-10-Φ250/75	250+0.1	1.5±0.05	75.0-0.1	4.2±0.1	1.0
DMPG-10-Φ300/95	300+0.1	1.5±0.05	95.0-0.1	4.2±0.1	1.0



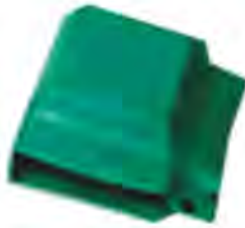
性能参数 Performance

测试项目 Test Item	测试方法 Test Method	测试结果 Test Value
拉伸强度Tensile strength	ASTM D638	≥13M pa
断裂伸长率Elongation	ASTM D638	≥450%
老化后拉伸强度Tensile strength after ageing	ASTM D638	≥12M pa
老化后伸长征Longation after ageing	ASTM D638	≥400%
纵向收缩率Llongitudinalshrink ratio	ASTM D2671	±5%
介电常数Dielectric constant	ASTM D2671	≥18Ω .cm
击穿强度Dielectric strength	ASTM D149	≥25k v/mm
体积电阻率Bolume resistivity	ASTM D257	1014Ω .cm
20℃体积电阻率Bolume resistivity at 20℃	ASTM D257	1014Ω .cm
氧指数Oxygen index	ASTM D2863	≥30%
吸水率Water absorption	ASTM D570	≥0.2%
密度Density	ASTM D792	1.25g/cm3
阻燃性 Flammability	UL224	VW-1
偏壁率Eccentricity	ASTM D792	30%
完全收缩温度Fully recovery temperature radio	ASTM D792	130 + 5℃

系统电压 System voltage	通常绝缘距离 Ususly Insulator Distance	使用 MPG-1 0 系列产品后的绝缘距离 Insulation distance after the use of mpg-10 series	
		对地绝缘距离Insulation distance to ground	相同绝缘距离Insulation distance between phases
10kv	120mm	50mm	40mm
22kv	220mm	105mm	75mm
35kv	320mm	200mm	150mm

技术规格Technical specifications

10kv连续母线保护套管L系列10kV continuous busbar protection sleeve L series					
产品规格(mm) Product Code	收缩前 Before Shrink		收缩后 After Shrink		包装 M/ROLL
	内径ID(mm)	壁厚 Thickness(mm)	内径ID(mm)	壁厚 Thickness(mm)	
LMPG-35-Φ20/11	20+1	1.8±0.05	11.0-1	3.2+0.1	20
LMPG-35-Φ25/13	25+1	1.8±0.05	13.0-1	3.2 + 0.1	20
LMPG-35-Φ30/16	30+1	1.8±0.05	16.0-1	3.2+0.1	20
LMPG-35-Φ40/22	40+1	1.8±0.05	22.0-1	3.2+0.1	20
LMPG-35-Φ50/27	50+1	1.8±0.05	27.0-1	3.2+0.1	20
LMPG-35-Φ60/33	60+1	1.8±0.05	33.0-1	3.2+0.1	20
LMPG-35-Φ70/38	70+1	1.8±0.05	38.0-1	3.2+0.1	20
LMPG-35-Φ80/44	80+1	1.8±0.05	44.0-1	3.2+0.1	20
LMPG-35-Φ90/49	90+1	1.8±0.05	49.0-1	3.2+0.1	20
LMPG-35-Φ100/55	100+1	1.8±0.05	55.0-1	3.2+0.1	20
LMPG-35-Φ120/66	120+1	1.8±0.05	66.0-1	3.2+0.1	20
LMPG-35-Φ150/82	150+1	1.8 ±0.05	82.0-1	3.2+0.1	20
35kv单根母线保护套管D系列35kV D series of single busbar protection casing					
DMPG-35-Φ20/8	20+1	1.8±0.05	8.0-1	3.6±0.1	1.0
DMPG-35-Φ25/10	25+1	1.8±0.05	10.0-1	3.6±0.1	1.0
DMPG-35-Φ30/12	30+1	1.8±0.05	12.0-1	3.6±0.1	1.0
DMPG-35-Φ40/16	40+1	1.8±0.05	16.0-1	3.6±0.1	1.0
DMPG-35-Φ50/20	50+1	1.8±0.05	20.0-1	3.6±0.1	1.0
DMPG-35-Φ65/25	60+1	1.8±0.05	25.0-1	3.6±0.1	1.0
DMPG-35-Φ75/30	70+1	1.8±0.05	30.0-1	3.6±0.1	1.0
DMPG-35-Φ85/35	80+1	1.8±0.05	35.0-1	3.6±0.1	1.0
DMPG-35-Φ90/40	90+1	1.8±0.05	40.0-1	3.5±0.1	1.0
DMPG-35-Φ100/45	100+1	1.8±0.05	45.0-1	3.3±0.1	1.0
DMPG-35-Φ120/50	120+1	1.8±0.05	50.0-1	3.6±0.1	1.0
DMPG-35-Φ150/60	150+1	1.8±0.05	60.0-1	3.6±0.1	1.0
DMPG-35-Φ180/60	180+1	1.8±0.05	60.0-1	4.4±0.1	1.0
DMPG-35-Φ200/60	200+1	1.8±0.05	60.0-1	4.8±0.1	1.0
DMPG-35-Φ250/75	250+2	1.8±0.05	75.0-1	4.8±0.1	1.0
DMPG-35-Φ300/95	300+2	1.8±0.05	95.0-1	4.8±0.1	1.0



MPH-1KV系列母排接线盒MPH-1KV series busbar connection box

主要应用于电厂、变电站中的母排连接处、电力变压器接线柱的绝缘保护及安全防护。
Insulation protection and safety protection busbar is mainly used in power plant, substation, power transformer connection terminal.

型号 Moudel	适用线排宽度 Line width	单位 Company	型号 Moudel	适用线排宽度 Line width	单位 Company
MPH-1□□	20	只 only	MPH-1□□	80	只 only
MPH-1□□	30	只 only	MPH-1□□	100	只 only
MPH-1□□	40	只 only	MPH-1□□	120	只 only
MPH-1□□	50	只 only	MPH-1□□	150	只 only
MPH-1□□	60	只 only			

MPH-10KV系列母排接线盒MPH-10KV series busbar connection box

型号 Moudel	适用线排宽度 Line width	单位 Company
MPH-10□□	20	只 only
MPH-10□□	30	只 only
MPH-10□□	40	只 only
MPH-10□□	50	只 only
MPH-10□□	60	只 only
MPH-10□□	80	只 only
MPH-10□□	100	只 only
MPH-10□□	120	只 only
MPH-10□□	150	只 only

MPH-35KV系列母排接线盒MPH-35KV series busbar connection box

型号 Moudel	适用线排宽度 Line width	单位 Company
MPH-35□□	20	只 only
MPH-35□□	30	只 only
MPH-35□□	40	只 only
MPH-35□□	50	只 only
MPH-35□□	60	只 only
MPH-35□□	80	只 only
MPH-35□□	100	只 only
MPH-35□□	120	只 only
MPH-35□□	150	只 only



性能参数 Performance

性能 Performance	测试条件 Test conditions	性能指标 Performance Indicators	测试方法 TEST METHOD
机械性能 Mechanical properties	吸水率% Water absorption	≤0.1	GB/T1034-1998 ISO 62
	硬度邵氏A Shore hardness A	80 ±5	GB2411-1980 ISO 868
	拉伸强度MPa Tensile strength	≥12.0	GB/T1040-1922 ISO 604
	断裂伸长率% Percent elongation at break	≥400	GB/T1040-1922 ISO 604
	低温柔韧性Low temperature flexibility	-10±2°C/1hr	无裂纹No crack UL224-1992 UL224-1992
老化性能 Aging properties	热冲击性能Thermal shock performance	136± 1°C/1hr	无裂纹No crack UL224-1992 UL224-1992
	拉伸强度MPa Tensile strength MPa	158± 1°C/168hr	保留Retain70%以上Above GB/T7141-1992
电性能 Electrical properties	伸长率% Percent elongation	158± 1°C/168hr	保留Retain70%以上Above GB/T1040-1992 ISO 604
	击穿强度KV/mm Breakdown strength	≥16	GB1408-1989 IEC243
	体积电阻率Ω.cm Volume resistivity of.Cm	≥1.0x10 ¹³	GB1410-1989 IEC93
化学性能 Chemical properties	介电常数 Dielectric constant	1.0 ~ 3.5	GB1409-1988 IEC250
	燃烧性(OI) Combustion (OI)	≥28.0	GB/T2406-1993 ISO 4589
	着火危险实验Fire hazard test	960 ± 15°C	合格Qualified

复合绝缘热缩带
Composite insulation heat shrinkable tape



技术与运用 Technical&used

- 产品由热缩层和低熔点高聚物的粘接层构成。
- 产品加热时，外层收缩，内层熔融，从而使被防护带电体实现密封、绝缘一体化。
- 主要用途：对任意形状的带电体进行防护，解决相间距的不足，用于被损电缆修补，电力电缆中间接头侧面密封等问题。
- The product by heat shrinkable layer and low-melting-glass polymer adhesive layer formed.
- Products heated, the outer contraction, the inner melting, thus make guarded charged body sealing, insulation integration.
- Main application: of any shape charged body protection, solve phase spacing insu11 iciency, used to be damaged cable repair, power cable connector lateral sealing among etc.

性能参数 Performance

测试项目 Test Item	测试方法 Test Method	测试结果 Test Value
拉伸强度Tensile strength	ASTM D638	≥14Mpa
断裂伸长率 Elongation	ASTM D638	≥400%
老化后拉伸强度Tensile strength after ageing	ASTM D638	≥12Mpa
老化试验Ageing testing	ASTM D638	通过PASS
介电常数Dielectric constant	ASTM D156	≥2.5~3.0Ω .cm
击穿强度Dielectric strength	ASTM D149	≥27 ~30kv/mm
体积电阻率Bolume resistivity	ASTM D257	1 X10 ¹⁴ Ω .cm
氧指数 Oxygen index	ASTM D2863	≥28%
吸水率 Water absorption	ASTM D570	≤ 0.1%



技术与运用 Technical&used

- 产品采用聚烯烃类混合而成的复合材料，辐射交联或化学交联工艺要求制作而成；分半导类封帽与绝缘类封帽不同，可供客户选择。
- 产品可选颜色：黑色，特殊颜色可根据客户提供色卡定制。
- 产品主要用于电线电缆端部封口，俗称电缆帽，另外可加气门，俗称充气封帽。可抗压10KG气压。
- Products using polyolelin blend made o1 composite materials, radiation cross-linking or chemical cross-linking process request is made; Halt import class CAP and insulation class Cap different, for the customers
- Product color : black, special colors can be customized according to customer-provided colors.
- Products are mainly used in wire and cable sealing ends, commonly known as cable cap, in addition to the valve, commonly known as the intlation Cap. To compressive 10KG pressure.

技术规格 Technical specifications

产品规格 Product Code(mm)	收缩前内径 ID of Before Shrink(mm)	收缩后内径 Id of After Shrink(mm)
RSM-20/8	≥20	≤8
RSM-40/20	≥40	≤20
RSM-55/25	≥55	≤25
RSM-75/30	≥75	≤30
RSM-100/45	≥100	≤45
RSM-120/65	≥120	≤65
RSM-140/65	≥140	≤65

热收缩电力电缆伞裙
Heat shrinkable creepage extension & strain relief she



技术与运用 Technical&used

- 产品采用聚烯烃类混合而成的复合材料，辐射交联工艺要求制作而成；分半导类封帽与绝缘类。
- 产品可选颜色：黑色，红色，特殊颜色可根据客户提供色卡定制。
- 产品主要用于电线电缆端部分防雨，俗称电缆雨裙。
- Propucts using such a mixture of polyolelin composite material, radiation crosslinking process requirement, produced by, 1/2 guide class sealing cap and insulation class.
- Product available color: black, red, special colors can be clients according to custom color swatches.
- The product is mainly used 1or electric wire and cable terminal part rainproof, commonly known as cable rain skirt.

用途purpose

硅橡胶绝缘护罩是良好的电气绝缘、防水密封安全防护产品。具有安装方便、环境适应性极好、使用寿命长等特点。主要应用于电力等电气设备的电接点绝缘保护及安全防护。杜绝异物搭接动物爬行引起的短路事故；防止人身触电、污染及凝露闪络现象发生；减少空气和有害气体对导电材料的腐蚀，延长电器设备的使用寿命。

防护等级：IP44

安装说明Installation instructions

- 电力接头连接完毕后，选用合适的护罩，并根据相线区分开颜色。
- 根据连接方式的不同，可适当地剪切护罩的出线端，使之与引出的导线相吻合。
- 将护罩扳开，区分颜色罩在各电力接头连接部位。

型号说明Demonstration of the type

G：代表变压器高压端护罩，D：代表变压器低压端护罩，B代表避雷器护罩，RW：代表跌落式护罩，GW：代表隔离开关护罩，

型号 Moudel	产品图样 Product pattern	适用金具、出线方式、用途 For fittings, outlet, use
G003		设备线夹，接线端子，斜向出线， 25~500 KVA变压器高压进线
G004		设备线夹，接线端子，水平出线， 25 ~ 500 KVA变压器高压进线
G005		接线端子，水平出线， 2 5-500 KVA变压器高压进线
G006		设备线夹，垂直出线， 25-500KVA变压器高压进线
G009		接线端子，双向水平出线， 25-500KVA变压器高压进线
G010		接线端子，垂直出线， 25-500KVA变压器高压进线
B001		接线端子，水平出线，硅橡胶避雷器
D001		接线端子，水平出线， 25-500KVA变压器低压出线
D003		油变线夹，斜向出线， 25-500KVA变压器低压出线
D004		油变接线端子，斜向出线， 25-500 KVA变压器低压出线

型号 Moudel	产品图样 Product pattern	适用金具、出线方式、用途 For fittings, outlet, use
D005		设备线夹，斜向出线， 25-500 KVA变压器低压出线
D008		母线排，水平出线， 25-500 KVA变压器低压出线
D009		设备线夹，水平出线， 25-500 KVA变压器低压出线
D012		油变线夹，垂直出线， 25-500 KVAKVA变压器低压出线
D013A		油变线夹，斜向出线， 25-500 KVA变压器低压出线
D014		油变接线端子，斜向出线， 25-500KVA变压器低压出线
D015		设备线夹，斜向出线， 25-500KVA变压器低压出线
D019		设备线夹，水平出线， 25-500KVA变压器低压出线
RW3/RW7		适用于RW3/ RW7系列跌落式开关 (红、绿、黄三相为1组)
Rw10		适用于RW10系列跌落式开关 (红、绿、黄三相为1组)
Rw11		适用于RW11系列跌落式开关 (分100A、200A两种，红、绿、黄三相为1组)
RW11A		适用于RW11系列跌落式开关 (可拆式避雷器，红、绿、黄三相为1组)
GW9		适用于GW9系列隔离开关 (红、绿、黄三相为1组)