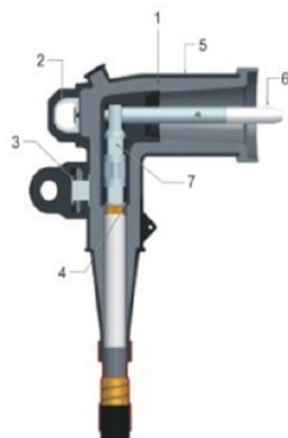


15kV 200AMP Loadbreak Elbow Connector

Key of Power
Electric Professional
>15kV 插拔式肘型电缆接头
15kV Loadbreak
Elbow Connector图一：产品构造图
Figure 1 : Illustrate
Design Integrity

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、地埋式变压器及其他电气设备的连接。

适用于15kV电缆截面为25mm²~150mm²的交联聚乙烯电缆。

15kV 200A Loadbreak Elbow Connector is a fully-shielded and insulated plug-in termination for connecting underground cable to distribution power system of pad-mount transformer, surrounding power supply branch box, cable branch box equipped with loadbreak bushings.

The available conductor cross section is 25mm²~150mm² for 15kV cable. The conductive pole W/ARC extinguishes function.

性能Performance

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，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。

The Loadbreak Elbows are molded using high quality sulfur-cured insulating and semi-conducting EPDM rubber. Standard features include a copper top 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.

电压特性Ratings Overview

项目 Item	15kV 参数
额定电压 Continuous operating voltage	8.7kV / 14.4kV
工频耐压 AC withstand voltage	45kV / 1min
直流耐压 DC withstand voltage	53kV / 15min
雷电冲击耐压 1.5/50μs Impulse withstand voltage	95kV
局部放电电压 <10PC Partial discharge voltage	15kV

质量保证Quality Assurance

- 通过质量检验测试中心检测
- 通过ISO 9000产品质量体系
- 100%通过出厂检验测试
- Certificated Quality inspection center
- Certificated by ISO 9000
- 100% Test before delivery

Key of Power
Electric Professional
>

15kV 200AMP Loadbreak Elbow Connector

产品构造 Product Structure

- 绝缘层：特有的配方和混合技术确保预制EPDM绝缘橡胶的优质品种；
 - 操作环：一体压铸的不锈钢操作环带有弹簧夹固定点；
 - 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；
 - 内半导体层：预制的EPDM导电橡胶有效的控制电气应力；
 - 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，并满足IEEE 592标准；
 - 消弧插入棒：镀锡铜质导电棒带有消弧功能，用随箱提供的刀型扳手将其拧进导电连接中；
 - 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。
- INSULATION LAYER: High-quality EPDM rubber formulated, mixed, and milled in-house for consistent and reliable field performance.
 - PULLING EYE: Stainless steel reinforced for positive shotgun stick switching operations.
 - 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).
 - SEMI-CONDUCTIVE SHIELD: High-quality EPDM rubber creates a smooth surface around the "current interchange" to evenly distribute electrical stress within the insulation.
 - SEMI-CONDUCTIVE SHIELD: High-quality EPDM rubber provides protective deadfront shield that meets requirements of IEEE Standard 592.
 - LOADBREAK PROBE: Tin-plated copper probe with arc-ablative tip (arc follower)
 - CONDUCTOR CABLE LUG: Inertia-welded aluminum barrel and threaded copper lug makes crimping easy and ensures a tight, reliable electrical connection with loadbreak probe. Standard IEEE and CSA types available.

应用示例Applications



15kV 200AMP Loadbreak Elbow Connector

订货信息Order Information

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(mm²) Conductor cross section(mm²)	电缆绝缘层外径(mm) Stretch range over insulation(mm)	对应代号 Corresponding Code
ZT-15/200-35	35	16.3-23.1	A
ZT-15/200-50	50	16.3-23.1	A
ZT-15/200-70	70	19.1-25.7	B
ZT-15/200-95	95	21.3-28.2	C
ZT-15/200-120	120	21.3-28.2	C
ZT-15/200-150	150	21.3-28.2	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.

定货编号说明Inference Information



标准包装Scope of Delivery

- | | |
|-------------------------|---|
| 1、电缆接头、测试点帽、
接地线、标识环 | 1、Elbow connector, test point cap,
grounding wire, loadbreak brand |
| 2、插拔杆 | 2、Loadbreak probe |
| 3、刀型扳手 | 3、Probe installation tool |
| 4、清洁纸 | 4、Clearing paper |
| 5、硅脂 | 5、Silicone lubricat |
| 6、压接端子 | 6、Conductor cable lug |



图二：外形尺寸图
Figure 2: Dimensions

15kV 200AMP Loadbreak Elbow Connector

产品装箱参数 Package Information

- ◎3只/盒重量: 3.1kg 体积: 24.5cm×21cm×21cm
◎3pcs/box W/G:3.1kg Vol: 24.5cm×21cm×21cm



25kV 200AMP Loadbreak Elbow Connector

Key of Power
Electric Professional
>

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、地埋式变压器及其他电气设备的连接。

适用于25kV电缆截面为25mm²~150mm²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-mount transformer, surrounding power supply branch box, cable branch box equipped with loadbreak bushings.

The available conductor cross section is 25mm²~150mm² for 15kV cable. The conductive pole W/ARC extinguishes function.

性能Performance

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，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。

The Loadbreak Elbows are molded using high quality sulfur-cured insulating and semi-conducting EPDM rubber. Standard features include a copper top 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.

电压特性Ratings Overview

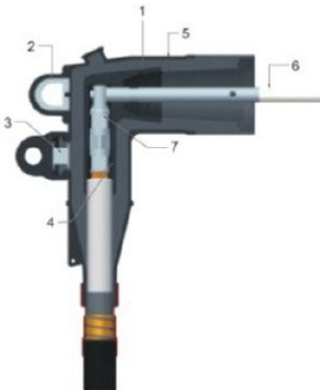
项目 Item	25kV 参数
额定电压 Continuous operating voltage	15.2kV /26.3kV
工频耐压 AC withstand voltage	55kV /5min
直流耐压 DC withstand voltage	78kV /15min
雷电冲击耐压 1.5/50μs Impulse withstand voltage	125kV
局部放电电压<10PC Partial discharge voltage	22kV

质量保证Quality Assurance

- 通过ISO 9000产品质量体系
- 100%通过出厂检验测试
- Certificated by ISO 9000
- 100% Test before delivery



25kV 插拔式肘型电缆接头
25kV Loadbreak Elbow Connector



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

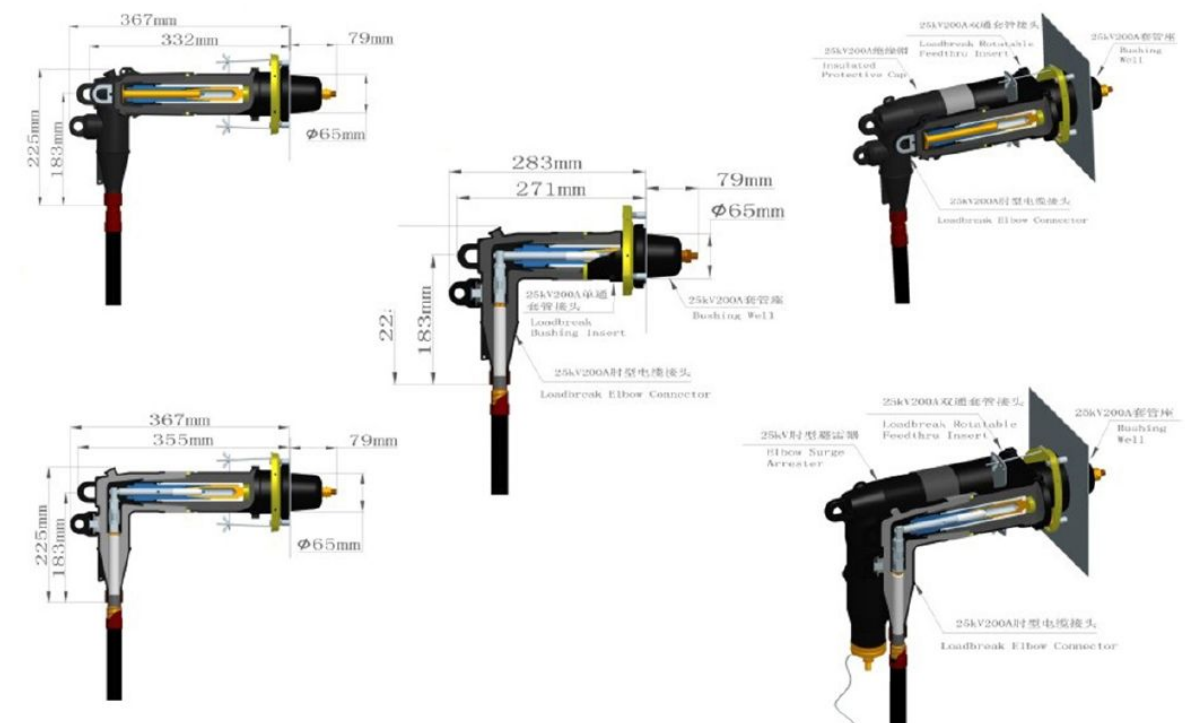
Key of Power
Electric Professional
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25kV 200AMP Loadbreak Elbow Connector

产品构造 Product Structure

- 绝缘层：特有的配方和混合技术确保预制EPDM绝缘橡胶的优质品种；
 - 操作环：一体压铸的不锈钢操作环带有弹簧夹固定点；
 - 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；
 - 内半导体层：预制的EPDM导电橡胶有效的控制电气应力；
 - 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，并满足IEEE 592标准；
 - 消弧插入棒：镀锡铜质导电棒带有消弧功能，用随箱提供的刀型扳手将其拧进导电连接器中；
 - 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。
- INSULATION LAYER: High-quality EPDM rubber formulated, mixed, and milled in-house for consistent and reliable field performance.
 - PULLING EYE: Stainless steel reinforced for positive shotgun stick switching operations.
 - 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).
 - SEMI-CONDUCTIVE SHIELD: High-quality EPDM rubber creates a smooth surface around the "current interchange" to evenly distribute electrical stress within the insulation.
 - SEMI-CONDUCTIVE SHIELD: High-quality EPDM rubber provides protective deadfront shield that meets requirements of IEEE Standard 592.
 - LOADBREAK PROBE: Tin-plated copper probe with arc-ablative tip(arc follower)
 - CONDUCTOR CABLE LUG: Inertia-welded aluminum barrel and threaded copper lug makes crimping easy and ensures a tight, reliable electrical connection with loadbreak probe. Standard IEEE and CSA types available.

应用示例Applications



25kV 200AMP Loadbreak Elbow Connector

Key of Power
Electric Professional
>

订货信息 Order Information

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(mm²) Conductor cross section(mm²)	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
ZT-25/200-50	50	23.1-27.1	18/20	E
ZT-25/200-70	70	24.9-29	18/20	E
ZT-25/200-95	95	27.4-32.5	18/20	G
ZT-25/200-120	120	27.4-32.5	18/20	G
ZT-25/200-150	150	31.0-36.1	18/20	K

定货编号说明 Inference Information



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

- | | |
|-----------------|---|
| 1、电缆接头、测试点帽、接地线 | 1、Elbow connector, test point cap, grounding wire |
| 2、压板 | 2、Pressing Plate |
| 3、拉钩 | 3、Hook |
| 4、清洁纸 | 4、Clearing paper |
| 5、硅脂 | 5、Silicone lubricant |
| 6、压接端子 | 6、Conductor cable lug |

图二：外形尺寸图
Figure 2: DimensionsKey of Power
Electric Professional
>

25kV 200AMP Loadbreak Elbow Connector

产品装箱参数 Package Information

3只/盒重量: 9kg 体积: 34cm×27cm×21cm

3pcs/box W/G: 9kg Vol: 34cm×27cm×21cm



35kV 200AMP Loadbreak Elbow Connector

Key of Power
Electric Professional
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概述General

35kV 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，地埋式变压器及其他电气设备的连接。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。

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35kV电缆截面25mm²~150mm²的交联聚乙烯电缆。

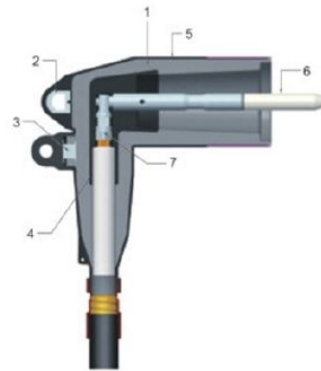
35kV 200A Loadbreak Elbow Connector is a fully-shielded and insulated plug-in termination for connecting underground cable to distribution power system of pad-mount transformer, surrounding power supply branch box, cable branch box equipped with loadbreak bushings. The elbow connector and bushing insert comprise the essential components of all loadbreak connections. It can operating switch of 200A loading current. The test point is used to connect Hot Line Voltage Indicator.

The Loadbreak Elbows are molded using high quality sulfur-cured insulating and semi-conducting EPDM rubber. Standard features include a copper top 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 15kV cable. The conductive pole W/ARC extinguishes function.



35kV 插拔式肘型电缆接头
35kV Loadbreak
Elbow Connector



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

定货编号说明Inference Information



质量保证Quality Assurance

- | | |
|--------------------|-----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100% Test before delivery |

Key of Power
Electric Professional
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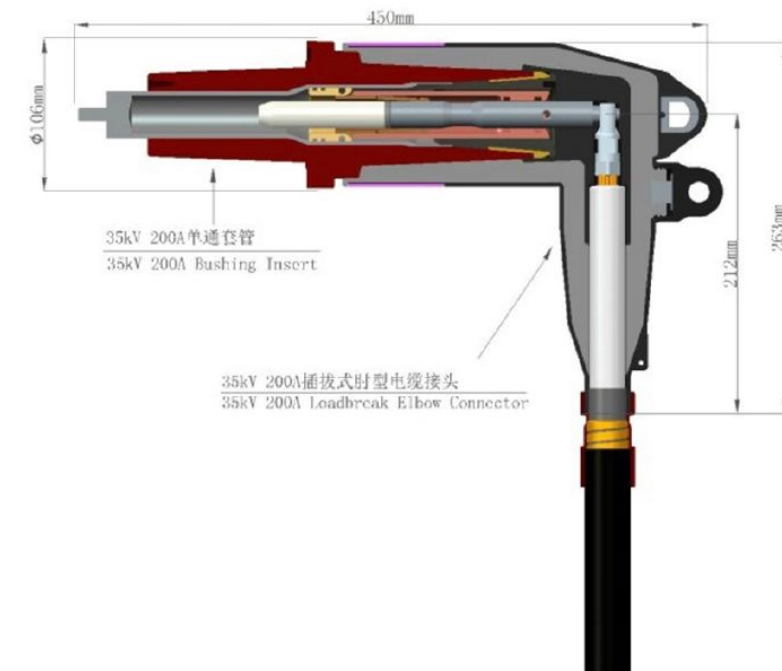
35kV 200AMP Loadbreak Elbow Connector

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、操作环：一体模铸的不锈钢操作环带有弹簧夹固定点；
- 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、内半导电层：预知的EPDM导电橡胶有效的控制电气应力；
- 5、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；
- 6、消弧插入棒：镀锡铜质导电棒带有消弧功能，用随箱提供的刀型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、INSULATION: High-quality EPDM rubber formulated, mixed, and milled in-house for consistent and reliable field performance.
- 2、PULLING EYE: Stainless steel reinforced for positive shotgun stick switching operations.
- 3、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.)
- 4、SEMI-CONDUCTIVE INSERT: High-quality EPDM rubber creates a smooth surface around the "current interchange" to evenly distribute electrical stress within the insulation.
- 5、SEMI-CONDUCTIVE SHIELD: High-quality EPDM rubber provides protective deadfront 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 loadbreak probe. Standard IEEE and CSA types available.

应用示例Applications



35kV 200AMP Loadbreak Elbow Connector

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电流特性Current Rating

项目 Item	35kV 参数
额定电压 Continuous operating voltage	26kV /35kV
工频耐压 AC withstand voltage	117kV /5min
直流耐压 DC withstand voltage	104kV
雷电冲击耐压 1.5/50μs Impulse withstand voltage	215kV
局部放电电压<10PC Partial discharge voltage	45kV

订货信息Order Information

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(mm²) Conductor cross section(mm²)	电缆绝缘层外径(mm) Stretch range over insulation(mm)	对应代号 Corresponding Code
ZT-35/200-50	50	29.5-33.1	A
ZT-35/200-70	70	32.5-35.4	B
ZT-35/200-95	95	34.4-38.6	C
ZT-35/200-120	120	34.4-38.6	C
ZT-35/200-150	150	37.7-40.5	D

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

- | | |
|--------|---------------------------|
| 1、电缆接头 | 1、Elbow connector |
| 2、测试点帽 | 2、Test point cap |
| 3、接地线 | 3、Grounding wire |
| 4、插拔杆 | 4、Loadbreak probe |
| 5、刀型扳手 | 5、Probe installation tool |
| 6、清洁纸 | 6、Clearing paper |
| 7、硅脂 | 7、Silicone lubricant |
| 8、压接端子 | 8、Conductor cable lug |

图二：外形尺寸图
Figure 2: Dimensions

产品装箱参数 Package Information

- 1只/盒重量: 2.26kg 体积: 28cm×28cm×10cm
- 1pcs/box W/G:2.26kg Vol: 28cm×28cm×10cm

Key of Power
Electric Professional
>

15kV 200AMP PT Elbow Connector

概述General

PT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、全密封连接，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，有可靠地防松脱装置。

适用于15kV电缆截面为35-50mm²的交联聚乙烯电缆。

15kV 200A PT Elbow Connector is a fully-shielded and insulated plug-in termination for connecting underground cable to distribution power system of pad-mount 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 mate with 200A Bushing Insert and 200A jack of T-II Connector, 200A Junction, loadbreak bushing insert (loadbreak 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 Loadbreak Elbows are molded 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.

PT ZT 15/200 肘型PT接头
TC PT ZT 15/200
PT Elbow Connector

应用示例Applications

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

15kV 200AMP PT Elbow Connector

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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 PT肘型接头 15kV 200A PT Elbow Connector	PT ZT-15/200	15kV	200A

定货编号说明 Inference Information

PTZT-PT - 15 / 200

—— 额定电流 Continuous Nominal Current
—— 额定电压 Continuous Operating Voltage
—— 肘型接头 PT Elbow Connector

质量保证 Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100% Test before delivery

标准包装 Scope of Delivery

- | | | | |
|--------|--------|-------------------|-----------------------|
| 1、电缆接头 | 6、硅脂 | 1、Elbow connector | 6、Silicone lubricant |
| 2、测试点盖 | 7、螺杆 | 2、Test point cap | 7、Screw |
| 3、接地线 | 8、压接端子 | 3、Grounding wire | 8、Conductor cable lug |
| 4、标示环 | | 4、Loadbreak brand | |
| 5、清洁纸 | | 5、Clearing paper | |

产品装箱参数 Package Information

- ◎3只/盒重量: 3kg 体积: 24cm×19cm×21cm
◎3pcs/box W/G: 3kg Vol: 24cm×19cm×21cm

Key of Power
Electric Professional

15kV 25kV 200AMP Fuse Elbow Connector

概述 General

15kV/25kV 200A 插拔式熔断器电缆接头为全密封、屏蔽式带电可触摸的插入式终端接头, 广泛用于美式箱变、户外配电变压器、环网柜、电缆分接箱、地埋式变压器及其它电气设备的连接。安装在200A母排单通或双通等。测试点可安装带电指示器或故障指示器, 以便查询设备带电状态和故障状态。

其采用高品质的EPDM (三元乙丙橡胶) 绝缘, 可作为负荷开关开断电流。

适用于15/25kV电缆截面为35mm-50mm的交联聚乙烯电缆。此熔断器起着熔断前端电缆接头和后端电缆, 在雷电或其他原因导致电流过大、出现不良情况, 此产品起到保护作用, 若超过此熔断器电流且可切断电源, 从而起到保护其他设备的作用。

15kV/25kV 200A Fuse Elbow Connector is a fully-shielded and insulated plug-in termination for connecting underground cable to distribution power system of pad-mount 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 mate with 200A Bushing Insert and 200A jack of T- II Connector. 200A Junction, loadbreak bushing insert (loadbreak 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 Loadbreak Elbows are molded using high quality sulfur-cured insulating and semi-conducting EPDM rubber.

The available conductor cross section is 35-50mm² for 15kV/25kV cable. The conductive pole W/ARC extinguishes function. The fuse protect the fuse elbow and the equipment.

熔断器肘型电缆接头
Fuse Elbow Connector

应用示例 Applications



15kV 25kV 200AMP Fuse Elbow Connector

Key of Power
Electric Professional

15kV订货信息 15kV Order Information

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(mm²) Conductor cross section(mm²)	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
ZT-15/200-35	35	16.3-23.1	8.7/15	A
ZT-15/200-50	50	18.3-21.5	8.7/15	B
ZT-15/200-70	70	19.9-24.6	8.7/15	C
ZT-15/200-95	95	19.9-24.6	8.7/15	C
ZT-15/200-120	120	23.1-27.1	8.7/15	E
ZT-15/200-150	150	23.1-27.1	8.7/15	E

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(mm²) Conductor cross section(mm²)	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
ZT-25/200-50	50	23.1-27.1	18/20	B
ZT-25/200-70	70	24.9-29	18/20	C
ZT-25/200-95	95	27.4-32.5	18/20	C
ZT-25/200-120	120	27.4-32.5	18/20	E
ZT-25/200-200	150	31.0-36.1	18/20	E

定货编号说明Inference Information

RDQZT - 15 / 200

额定电流
Continuous Nominal Current

额定电压
Continuous Operating Voltage

熔断器肘型电缆接头
Fuse Elbow Connector

标准包装Scope of Delivery

- | | |
|--------|-----------------------------------|
| 1、电缆接头 | 1、Elbow Connector(upper And Down) |
| 2、熔断器 | 2、Clearing paper |
| 3、清洁纸 | 3、Silicone lubricant |
| 4、硅脂 | 4、Conductor cable lug |
| 5、压接端子 | 5、Fixture Ring |
| 6、紧固圈 | 6、Copper Terminal |
| 7、铜端子 | 7、Copper Cable |
| 8、电缆铜 | 8、Copper & Aluminium Terminal |

质量保证Quality Assurance

- 通过ISO 9000产品质量体系
- 100%通过出厂检验测试
- Certificated by ISO 9000
- 100% Test before delivery

产品装箱参数Package Information

- ◎ 1只/盒重量: 3kg 体积: 36cm × 28cm × 12.3cm
- ◎ 1pcs/box W/G:3kg Vol: 36cm × 28cm × 12.31cm

15kV 200AMP Bushing Insert

Key of Power
Electric Professional

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。

15kV 200A Bushing Insert threads into a universal bushing well to provide the same function as an integral loadbreak bushing. Using bushing inserts makes field installation and replacement possible and efficient. Bushing inserts and elbow connectors comprise the essential components of all loadbreak connections.

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

性能Performance

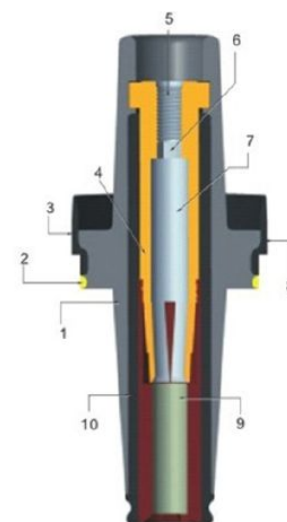
单通套管接头与套管座配合使用使得现场安装与更换成为可能。单通套管的内六角使安装更为方便, 其中配合使用安装工具, 可以将套管紧密安装至套管座而避免任何潜在的损坏。

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。

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 loadbreak elbow installation on the bushing insert.

The bright yellow ring provides immediate feedback to determine if the elbow is properly installed on the insert. If the yellow ring is completely covered by the loadbreak elbow, it is fully "latched," if the ring is visible, the elbow can be installed correctly before any problems can occur.

The Bushing Insert are molded using high quality sulfur-cured insulating and semi-conducting EPDM rubber. When mated with a comparably rated component, the bushing insert provides a fully shielded and submersible connection for loadbreak operation.

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

电压特性Ratings Overview

项目 Item	15kV 参数
额定电压 Continuous operating voltage	8.7kV/14.4kV
工频耐压 AC withstand voltage	45kV/1min
直流耐压 DC withstand voltage	53kV/15min
雷电冲击耐压 1.5/50μs Impulse withstand voltage	95kV
局部放电电压<10PC Partial discharge voltage	13kV

15kV 200AMP Bushing Insert

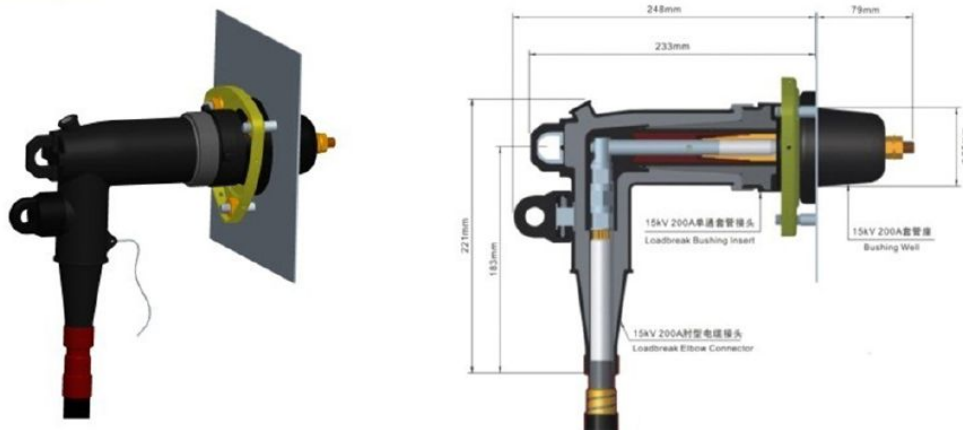
Key of Power
Electric Professional

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、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、铜质接头：由导电性能良好的材质制成；
- 8、接地眼：预注到外半导体层中用于接地线的连接；
- 9、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；
- 10、内半导体层：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 deadfront shield that make sure they have grounding ,meets requirements of IEEE Standard 592.
- 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、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 loadbreak probe.
- 8、GROUNDING TABS: Three tabs molded into a semi-conductive shield for the attachment of a ground wire to maintain deadfront safety.
- 9、ARC SNUFFER ASSEMBLY: Arc-ablative plastic produces arc extinguishing gas during loadbreak switching operations.
- 10、SHIELD HOUSING: Structural member of insert providing mechanical strength and uniform electrical shielding.

应用示例Applications



15kV 200AMP Bushing Insert

Key of Power
Electric Professional

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 单通套管接头 Bushing Insert	DTT-15/200	15kV	200A

质量保证Quality Assurance

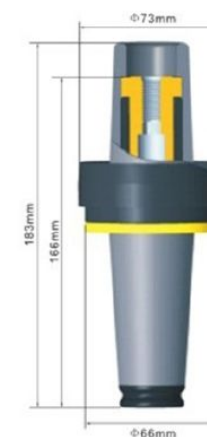
- 1、通过ISO 9000产品质量体系
- 1、Certificated by ISO 9000
- 2、100%通过出厂检验测试
- 2、100%Test before delivery

定货编号说明Inference Information



订货信息Order Information

- 1、单通套管接头
- 1、Bushing insert
- 2、清洁纸
- 2、Clearing paper
- 3、硅脂
- 3、Silicone lubricant
- 4、红色防尘帽
- 4、Covering cap



图二：外形尺寸图
Figure 2: Dimensions

产品装箱参数 Package Information

- ◎3只/盒重量：1.68kg 体积：19cm×26cm×8.5cm
- ◎3pcs/box W/G:1.68kg Vol: 19cm×26cm×8.5cm

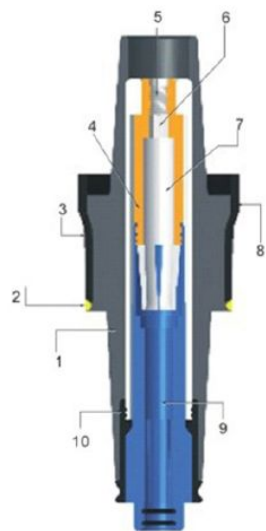


25kV 200AMP Bushing Insert

Key of Power
Electric Professional



25kv 200A 单通套管接头
25kV 200A Bushing Insert



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

概述General

25kV 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。

25kV 200A Bushing Insert threads into a universal bushing well to provide the same function as an integral loadbreak bushing. Using bushing inserts makes field installation and replacement possible and efficient. Bushing inserts and elbow connectors comprise the essential components of all loadbreak connections.

性能Performance

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。

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 loadbreak elbow installation on the bushing insert.

The bright yellow ring provides immediate feedback to determine if the elbow is properly installed on the insert. If the yellow ring is completely covered by the loadbreak elbow, it is fully "latched," if the ring is visible, the elbow can be installed correctly before any problems can occur.

The Bushing Insert are molded using high quality sulfur-cured insulating and semi-conducting EPDM rubber. When mated with a comparably rated component, the bushing insert provides a fully shielded and submersible connection for loadbreak operation.

电压特性Ratings Overview

项目 Item	25kV 参数
额定电压 Continuous operating voltage	15.27kV/26.3kV
工频耐压 AC withstand voltage	55kV/5min
直流耐压 DC withstand voltage	78kV/15min
雷电冲击耐压 1.5/50μs Impulse withstand voltage	125kV
局部放电电压<10PC Partial discharge voltage	22kV

25kV 200AMP Bushing Insert

Key of Power
Electric Professional

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、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、铜质接头：由导电性能良好的材质制成；
- 8、接地眼：预注到外半导体层中用于接地线的连接；
- 9、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；
- 10、内半导体层：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 deadfront shield that make sure they have grounding, meets requirements of IEEE Standard 592.
- 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、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 loadbreak probe.
- 8、GROUNDING TABS: Three tabs molded into a semi-conductive shield for the attachment of a ground wire to maintain deadfront safety.
- 9、ARC SNUFFER ASSEMBLY: Arc-ablative plastic produces arc extinguishing gas during loadbreak switching operations.
- 10、SHIELD HOUSING: Structural member of insert providing mechanical strength and uniform electrical shielding.

应用示例Applications



质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 1、Certificated by ISO 9000
- 2、100%通过出厂检验测试
- 2、100%Test before delivery

25kV 200AMP Bushing Insert

Key of Power
Electric Professional
>

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
25kV 200A 单通套管接头 Bushing Insert	DTT-25/200	25kV	200A

定货编号说明Inference Information

DTT - 25 / 200

额定电流 Continuous Nominal Current

额定电压 Continuous Operating Voltage

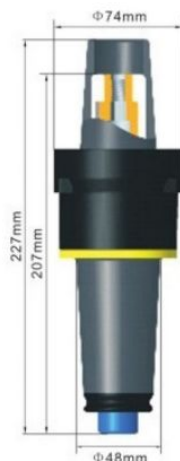
单通套管 Bushing Insert

标准包装Scope of Delivery

- | | |
|----------|----------------------|
| 1、单通套管接头 | 1、Bushing insert |
| 2、清洁纸 | 2、Clearing paper |
| 3、硅脂 | 3、Silicone lubricant |
| 4、红色防尘帽 | 4、Covering cap |

产品装箱参数 Package Information

- ◎3只/盒重量: 2.2kg 体积: 24cm×8cm×24cm
◎3pcs/box W/G:2.2kg Vol: 24cm×8cm×24cm

图二: 外形尺寸图
Figure 2: Dimensions

200A Rotatable Feedthru Insert

Key of Power
Electric Professional
>

概述General

15kV 200A 双通套管接头主要用于美式箱变、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。

The 200A Rotatable feedthru insert for connecting underground cable to distribution power system of pad-mound transformer, surrounding power supply branch box, using together with this is : loadbreak elbow connector elbow surge arrester and apparatus bushing.

15kV 200A 双通套管接头
15kV 200A Rotatable
Feedthru Insert

性能Performance

15kV 200A 双通套管接头, 与套管井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。

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。

200A Rotatable Feedthru Insert is used to provide dual bushings from a single apparatus bushing well. It makes converting radial-feed transformers to feedthru transformers and adding in-line arrester protection both easy and practical. Its patented, built-in torquelimiting ratchet prevents operators from accidentally breaking bushing well studs during installation.

The Loadbreak 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 loadbreak apparatus connection.

The Rotatable Feedthru insert's latch indicator ring, located on the circumference of the bushing's collar, eliminates the guesswork of loadbreak 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 loadbreak elbow, it is fully "latched," if the ring is visible, the elbow can be installed correctly before any problems can occur.

电压特性Ratings Overview

项目 Item	15kV 参数
额定电压 Continuous operating voltage	8.7kV /14.4kV
工频耐压 AC withstand voltage	45kV /1min
直流耐压 DC withstand voltage	53kV /15min
雷电冲击耐压 1.5/50μs Impulse withstand voltage	95kV
局部放电电压<10PC Partial discharge voltage	15kV

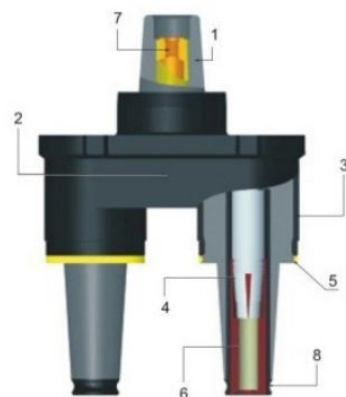
200A Rotatable Feedthru Insert

Key of Power
Electric Professional
>

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、力矩限位器：根据安装需要，可以360°调整双通的方向；
- 3、外半导体层：预制EPDM导电橡胶符合IEEE592标准；
- 4、铜质接头：特殊工艺处理的铜质接头；
- 5、黄色定位圈：显示产品是否安装到位；
- 6、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；
- 7、螺纹接口：3/8" -16螺纹；
- 8、锁槽：由高强度、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、TORQUE-LIMITING RATCHET: Eliminates bushing well stud breakage and allows for 360° orientation.
- 3、SEMI-CONDUCTIVE SHIELD: Molded semi-conductive sulfur-cured EPDM shield meets requirements of IEEE Standard 592TM
- 4、COPPER BUS BAR: Provides reliable all copper current path and ensures the coolest operating temperatures.
- 5、LATCH INDICATOR RING: Molded-in bright yellow ring eliminates elbow installation guesswork by assuring a quality connection.
- 6、ARC SNUFFER ASSEMBLY: Arc-ablative plastic produces arc extinguishing gas during loadbreak switching operations.
- 7、INTERFACE THREADS: 3/8-16 UNC Threads.
- 8、LOCKING GROOVE: Nose piece locking groove is made of high strength, high temperature plastic that secures mating connector to feedthru insert.

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

应用示例 Applications



200A Rotatable Feedthru Insert

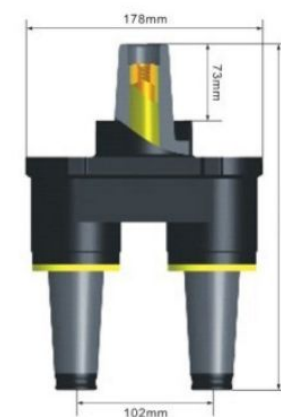
Key of Power
Electric Professional
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质量保证 Quality Assurance

- 1、通过质量检验测试中心检测
- 2、通过ISO 9000产品质量体系
- 3、100%通过出厂检验测试
- 1、Certificated Quality inspection center
- 2、Certificated by ISO 9000
- 3、100% Test before delivery



定货编号说明 Inference Information

图二：外形尺寸图
Figure 2: 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
15kV 双通套管接头 15kV Rotatable Feedthru Insert	STT-15/200	15kV	200A

标准包装 Scope of Delivery

- 1、双通套管接头
- 2、防尘帽（非绝缘保护帽）
- 3、硅脂
- 4、清洁纸
- 5、不锈钢固定压板+M4螺杆+蝶型螺母
- 1、Rotatable feedthru insert
- 2、Covering cap
- 3、Silicone lubricant
- 4、Clean paper
- 5、Stainless steel bail assembly+M4 Screw + Dished nut

200A Rotatable Feedthru Insert

Key of Power
Electric Professional
>

A 产品装箱参数 Package Information

- ◎3只/盒重量: 6.3kg 体积: 27cm×27cm×18cm
- ◎3pcs/box W/G:6.3kg Vol: 27cm×27cm×18cm

25kV 200A 双通套管接头
25kV 200A Rotatable
Feedthru Insert

概述General

25kV/35kV 200A双通套管接头主要用于美式箱变，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。

25kV/35kV 200A Rotatable feedthru insert for connecting underground cable to distribution power system of pad-mound transformer, surrounding power supply branch box, using together with this is: loadbreak elbow connector elbow surge arrester and apparatus bushing.

性能Performance

25kV/35kV 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。

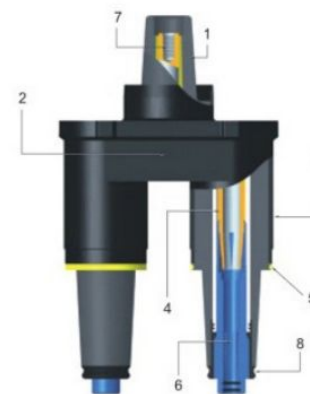
其采用高品质的EPDM橡胶绝缘，双通套管内部先进的结构设计确保与肘型接头断开时正常灭弧。

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。

25kV/35kV 200A Rotatable Feedthru Insert is used to provide dual bushings from a single apparatus bushing well. It makes converting radial-feed transformers to feedthru transformers and adding in-line arrester protection both easy and practical. Its patented, built-in torquelimting ratchet prevents operators from accidentally breaking bushing well studs during installation.

The Loadbreak 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 loadbreak apparatus connection.

The Rotatable Feedthru Insert's latch indicator ring, located on the circumference of the bushing's collar, eliminates the quesswork of loadbreak 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 loadbreak elbow, it is fully "latched", if the ring is visible, the elbow can be installed correctly before any problems can occur.

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

定货编号说明Inference Information

STT - □ / 200

— 额定电流 Continuous Nominal Current

— 额定电压 Continuous Operating Voltage

— 双通套管 Rotatable Feedthru Insert

25kV/35kV 200AMP Rotatable Feedthru Insert

Key of Power
Electric Professional
>

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、力矩限位器：根据安装需要，可以360°调整双通的方向；
- 3、外半导体层：预制EPDM导电橡胶符合IEEE592标准；
- 4、铜质接头：特殊工艺处理的铜质接头；
- 5、黄色定位圈：显示产品是否安装到位；
- 6、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；
- 7、螺纹接口：3/8" -16螺纹；
- 8、锁槽：由高强度、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、TORQUE-LIMITING RATCHET: Eliminates bushing well stud breakage and allows for 360° orientation.
- 3、SEMI-CONDUCTIVE SHIELD: Molded semi-conductive sulfur-cured EPDM shield meets requirements of IEEE Standard 592□.
- 4、COPPER BUS BAR: Provides reliable all copper current path and ensures the coolest operating temperatures.
- 5、LATCH INDICATOR RING: Molded-in bright yellow ring eliminates elbow installation guesswork by assuring a quality connection
- 6、ARC SNUFFER ASSEMBLY: Arc-ablative plastic produces arc extinguishing gas during loadbreak switching operations.
- 7、Interface threads: 3/8-16 UNC Threads
- 8、LOCKING GROOVE: Nose piece locking groove is made of high strength, high temperature plastic that secures mating connector to feedthru insert.

图二：外形尺寸图
Figure 2: Dimensions

应用示例Applications

Key of Power
Electric Professional
>

25kV/35kV 200AMP Rotatable Feedthru Insert

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100% Test before delivery

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
25kV双通套管接头 25kV Rotatable Feedthru Insert	STT-25/200	25kV	200A
35kV双通套管接头 35kV Rotatable Feedthru Insert	STT-35/200	35kV	200A

标准包装Scope of Delivery

- 1、双通套管接头
- 2、防尘帽（非绝缘保护帽）
- 3、硅脂
- 4、清洁纸
- 5、不锈钢固定压板+M3螺杆+蝶型螺母
- 1、Rotatable feedthru insert
- 2、Covering cap
- 3、Silicone lubricant
- 4、Clearing paper
- 5、Stainless steel bail assembly+M3 Screw + Dished nut

产品装箱参数 Package Information

- ◎3只/盒重量：7.2kg 体积：29cm×31cm×9cm
- ◎3pcs/box W/G:7.2kg Vol: 29cm×31cm×9cm



35kV 630AMP Bushing Well

Key of Power
Electric Professional
>

概述General

35kV 200A 单通选用环氧树脂制成，屏蔽式、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器连接。单通套管接头配合使用使得现场安装与更换成为可能。

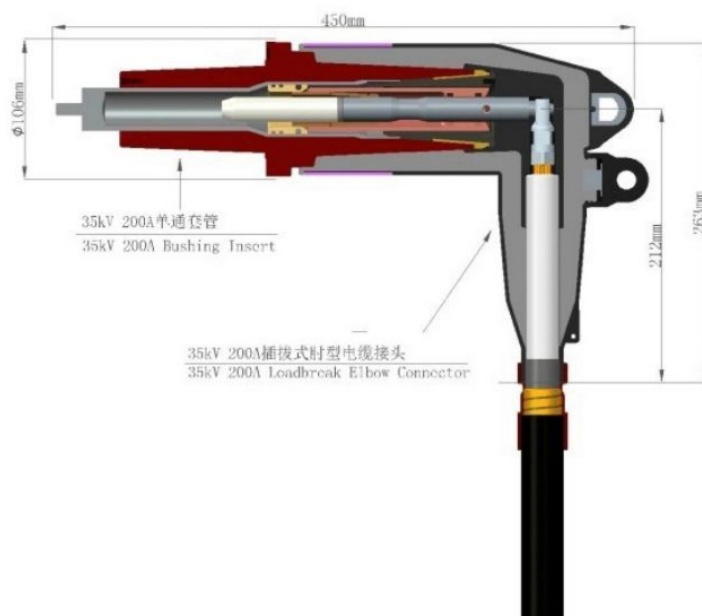
单通套管的内六角使安装更为方便，其中配合使用工具，可以将套管紧密安装至套管座而避免任何潜在的损坏。

35kV 200A Bushing Insert threads into a universal bushing well to provide the same function as an integral loadbreak bushing. Using bushing inserts makes field installation and replacement possible and efficient. Bushing inserts and elbow connectors comprise the essential components of all loadbreak 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 loadbreak elbow installation on the bushing insert.

The Bushing Insert are molded using high quality sulfur-cured insulating and semi-conducting EPDM rubber. When mated with a comparably rated component, the bushing insert provides a fully shielded and submersible connection for loadbreak operation.

应用示例Applications



35kV 200A 单通套管
35kV 200A Bushing Well

35kV 630AMP Bushing Well

Key of Power
Electric Professional
>

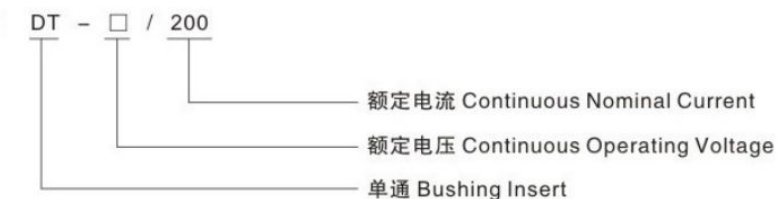
质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100% Test before delivery

订货信息Order Information

产品名称Description	订货编号Reference No.
25kV 200A 单通套管Bushing Well	DT-25/200
35kV 200A 单通套管Bushing Well	DT-35/200

定货编号说明Inference Information



标准包装Scope of Delivery

- | | |
|------------|----------------------|
| 1、单通套管 | 1、Bushing insert |
| 2、清洁纸 | 2、Clearing paper |
| 3、硅脂 | 3、Silicone lubricant |
| 4、3/1内六角扳手 | 4、Covering Cap |

产品装箱参数 Package Information

- ◎3只/盒重量: 4kg 体积: 32cm×35cm×? ? cm
- ◎3pcs/box W/G:4kg Vol: 32cm×35cm×? ? cm

15kV/25kV 200AMP Apparatus Bushing

Key of Power
Electric Professional15kV 200A 套管座
15kV 200AMP
Bushing Well美式15kV套管座压板
15kV 200A Bushing
Well Gasket

概述General

15kV/25kV 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。

15kV/25kV 200A Bushing Well The bushing well is widely used in the high-voltage circuit of the pad-mounted, submersible transformer, switchgears, etc.

性能Performance

15kV/25kV 200A套管座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。

A loadbreak bushing insert threads into a universal bushing well to provide the same function as an integral loadbreak bushing. The bushing is used together with the cable accessories such as :bushing insert ,Rotatable Feedthru Insert ect .

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

质量保证Quality Assurance

- 1、通过质量检验测试中心检测
- 2、通过ISO 9000产品质量体系
- 3、100%通过出厂检验测试

- 1、Certificated Quality inspection center
- 2、Certificated by ISO 9000
- 3、100% Test before delivery



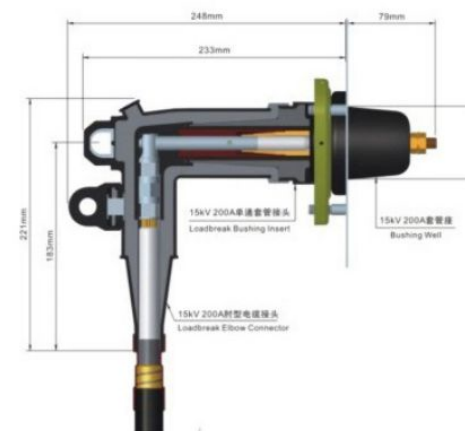
电压特性Continuous voltage ratings

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

Key of Power
Electric Professional

15kV/25kV 200AMP Apparatus Bushing

应用示例Applications



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 Apparatus bushing	TGZ-15/200	15kV	200A
200A 25kV套管座 Apparatus bushing	TGZ-25/200	25kV	200A

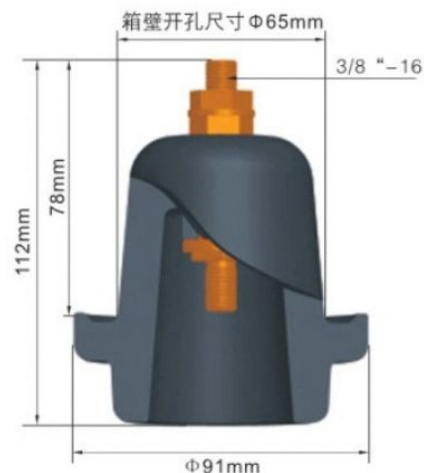
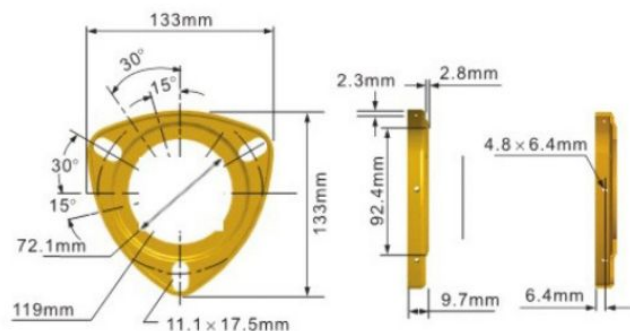
定货编号说明Inference Information



标准包装Scope of Delivery

- | | | | |
|----------|-------|---------------------|-------------|
| 1、套管座 | 4、固定板 | 1、Apparatus bushing | 4、Seal ring |
| 2、密封耐油垫圈 | | 2、Gasket | |
| 3、套管座防尘帽 | | 3、Covering cap | |

15kV/25kV 200AMP Apparatus Bushing

Key of Power
Electric Professional
>图一：产品构造图
Figure: Illustrate Design Integrity图二：外形及安装尺寸图
Figure 2: Dimension Information

产品装箱参数 Package Information

- 3只/盒重量: 2.2kg 体积: 27cm×10cm×13cm
- 3pcs/box W/G: 2.2kg Vol: 27cm×10cm×13cm

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

15kV 200AMP Insulated Bushing Extender

Key of Power
Electric Professional
>

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。独特的伞群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 feedthru 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.

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：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。
- 1、SEAL GROOVE: Used for sealing ring, it provides isolation and sealing dffectively.
 - 2、INSULATED BUSHING EXTENDER: The Bushing well is molded using high quality insulating material epoxy resin.
 - 3、CONDUCTION ROD: The copper conducting rod been through special craft processing. It can be stable with epoxy resin, has the good electrical conductivity.



电压特性Ratings Overview

项目 Item	15kV 参数
额定电压 Continuous operating voltage	8.7kV/14.4kV
工频耐压 AC withstand voltage	45kV/1min
直流耐压 DC withstand voltage	53kV/15min
雷电冲击耐压 1.5/50μs Impulse withstand voltage	95kV
局部放电电压 <10PC Partial discharge voltage	13kV

订货信息Order Information

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

15kV 200AMP Insulated Bushing Extender

Key of Power
Electric Professional
>

应用示例Application



定货编号说明Inference Information

TC JCTGZ - 15 / 200

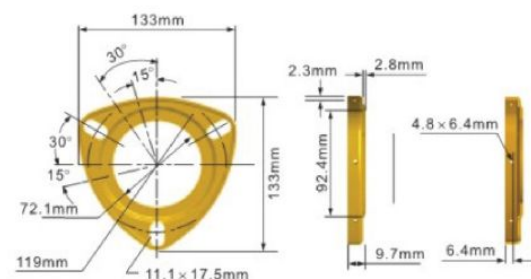
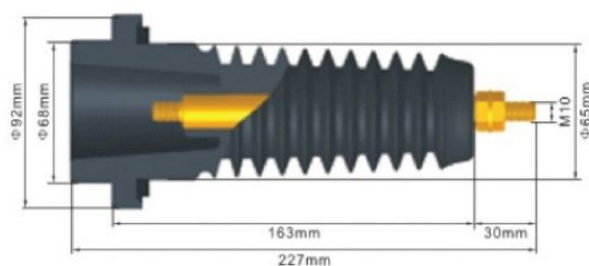
TC — 额定电流 Continuous Nominal Current
JCTGZ — 额定电压 Continuous Operating Voltage
- 15 / 200 — 套管座 Insulated Bushing Extender
天诚 Tenseng

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100% Test before delivery

标准包装Scope of Delivery

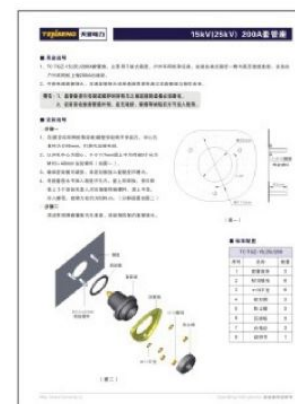
- | | | | |
|-----------------|-----------|------------------------------|----------------------------------|
| 1、加长套管座 | 5、清洁纸 | 1、Insulated bushing extender | 5、Clearing paper |
| 2、黑色防尘帽(非绝缘保护帽) | 6、安装指导说明书 | 2、Covering cap | 6、Installation instruction sheet |
| 3、密封耐油垫圈 | 7、产品合格证 | 3、Gasket | 7、Quality certificate |
| 4、法兰 | | 4、 | |

图二：外形尺寸图
Figure 2: DimensionsKey of Power
Electric Professional
>

15kV 200AMP Insulated Bushing Extender

产品装箱参数 Package Information

- ◎3只/盒重量: 3kg 体积: 25.5cm×9.5cm×10cm
◎3pcs/box W/G:3kg Vol: 25.5cm×9.5cm×10cm



15kV 200AMP Insulated Standoff Bushing

Key of Power
Electric Professional
>

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，肘型避雷器及其他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 insulated standoff bushing 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 Loadbreak Accessories. A grounding lug is provided on the standoff bushing bracket for attachment of a drain wire to ensure deadfront construction. When mated with a comparably rated product, the insulated standoff bushing provides a fully-shielded, submersible, separable connector for energized operation.

The standard insulated standoff bushing has a stainless steel eyebolt with a brass pressure foot. The molded EPDM rubber body is bolted to a stainless steel base bracket using a galvanized steel holddown ring. A completely stainless steel bracket assembly is available for extremely corrosive environments.

电压特性Ratings Overview

项目 Item	15kV 参数
额定电压 Continuous operating voltage	8.7kV/14.4kV
工频耐压 AC withstand voltage	45kV/1min
直流耐压 DC withstand voltage	53kV/15min
雷电冲击耐压 1.5/50μs Impulse withstand voltage	95kV
局部放电电压<10PC Partial discharge voltage	13kV

应用示例Applications

15kV 200A 单通壁挂
15kV 200A Insulated
Standoff Bushing

15kV 200AMP Insulated Standoff Bushing

Key of Power
Electric Professional
>

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 Insulated Standoff Bushing	DBG-15/200

定货编号说明Inference Information



质量保证Quality Assurance

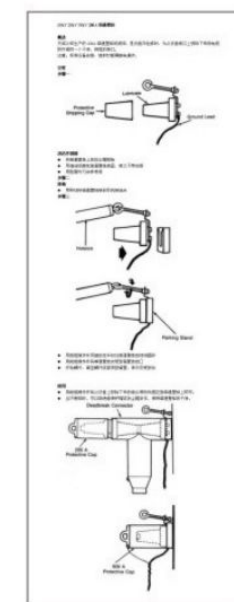
- 通过ISO 9000产品质量体系
- 100%通过出厂检验测试
- Certificated by ISO 9000
- 100% Test before delivery

标准包装Scope of Delivery

- | | | | |
|-----------------|-------|------------------------------|------------------|
| 1、单通壁挂 | 4、清洁纸 | 1、Insulated standoff bushing | 4、Clearing paper |
| 2、红色防尘帽(非绝缘保护帽) | | 2、Covering cap | |
| 3、硅胶 | | 3、Silicone lubricant | |

产品装箱参数 Package Information

- ◎3只/盒重量: 1.76kg 体积: 26cm×28cm×8.5cm
- ◎3pcs/box W/G:1.76kg Vol: 26cm×28cm×8.5cm



15kV/25kV 200AMP Rotatable Feedthru Standoff Bushing

Key of Power
Electric Professional
>

概述General

15kV 200A双通壁挂为EPDM（三元乙丙橡胶）制成，屏蔽式、与美式箱变、分接箱、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。双通壁挂配合使用使得现场安装与更换、检修成为可能。

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。

200A Class Rotatable Feedthru Standoff Bushing is used in apparatus to bypass transformers. TO test and ground circuits, and to provide open point deadfront lightning arrester protection when used with the Arrester. When mated with comparably rated products, the portable feedthru provides a fully shielded.

Submersible, separable connection for loadbreak operation. The body is molded of high quality peroxide cured EPDM insulation and has a molded on peroxide-cured semi-conductive EPDM shield. The indicator ring, located on the circumference of the bushing's collar. Eliminates the guesswork of loadbreak 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 loadbreak elbow, it is fully "latched," if the ring is visible. The elbow can be installed correctly before any problems can occur.



25kV 200A 双通壁挂
Rotatable Feedthru
standoff bushing

电压特性Ratings Overview

项目 Item	15kV参数	25kV参数
额定电压 Continuous operating voltage	8.7kV/14.4 kV	15.2 kV /26.3KV
工频耐压 AC withstand voltage	45 kV /1min	55 kV /5min
直流耐压 DC withstand voltage	53 kV /15min	78 kV /15min
直流耐压 DC withstand voltage	95 kV	125 kV
局部放电电压<10PC Partial discharge voltage	13kV	22kV

应用示例Applications

Key of Power
Electric Professional
>

15kV/25kV 200AMP Rotatable Feedthru Standoff Bushing

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 双通壁挂 15kV 200A Rotatable Feedthru Standoff Bushing	STBG-15/200	15kV	200A
25kV 200A 双通壁挂 25kV 200A Rotatable Feedthru Standoff Bushing	STBG-25/200	25kV	200A

定货编号说明Inference Information



质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100% Test before delivery

标准包装Scope of Delivery

- | | |
|--------|---------------------------------------|
| 1、双通壁挂 | 1、Rotatable feedthru standoff bushing |
| 2、安装压板 | 2、Probe installation tool |
| 3、接地线 | 3、Grounding line |
| 4、清洁纸 | 4、Clearing paper |
| 5、硅脂 | 5、Silicone lubricant |

产品装箱参数 Package Information

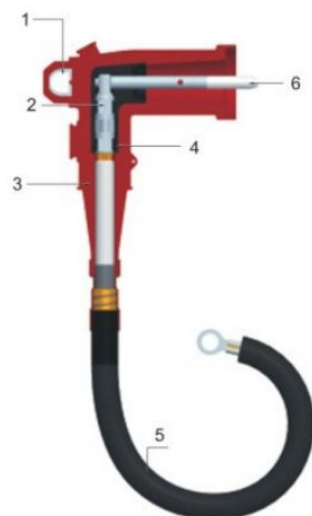
- 3只/盒重量: 4kg 体积: 17cm×19cm×24cm
- 3pcs/box W/G:4kg Vol: 17cm×19cm×24cm

15kV 200AMP Insulated Standoff Bushing

Key of Power
Electric Professional
>



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筑而成，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 feedthru 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 overlead.

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绝缘橡胶的优质品质。
 - 4、内半导体层：预制的EPDM导电橡胶有效的控制电气应力。
 - 5、600kV单芯电缆：电压等级600kV，有效接地。
 - 6、消弧插入棒：镀锡铜质导电棒带有消弧功能。
- 1、PULLING EYE:Stainless steel reinforced for positive shotgun stick switching operations.
 - 2、COPPER LUG:For connection of cable to grounding elbow.
 - 3、HEX BROACH: 5/16" hex broach permits consistent installation with torque tool.
 - 4、SEMI-CONDUCTIVE SHIELD INSERT: Semi-conductive insert is molded of semi-conductive EPDM and controls electrical stresses at nose of mating loadbreak product.
 - 5、600kV single cable : The voltage level is 600kV . grounding effectively.
 - 6、LOADBREAK PROBE: Tin-plated copper probe with arc-ablative tip(arc follower)

15kV 200AMP Insulated Standoff Bushing

Key of Power
Electric Professional
>

电压特性Ratings Overview

项目 Item	15kV 参数
额定电压 Continuous operating voltage	8.7kV/14.4kV
工频耐压 AC withstand voltage	45kV/1min
直流耐压 DC withstand voltage	53kV/15min
雷电冲击耐压 1.5/50μs Impulse withstand voltage	95kV
局部放电电压<10PC Partial discharge voltage	15kV

应用示例Applications



质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100%Test before delivery

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 15kV 200A Grounding Elbow	JDT-15/200	15kV	200A

15kV 200AMP Insulated Standoff Bushing

Key of Power
Electric Professional
>

定货编号说明Inference Information



标准包装Scope of Delivery

- | | |
|-----------|----------------------------------|
| 1、接地肘头 | 1、Grounding Elbow |
| 2、安装指导说明书 | 2、Installation instruction sheet |
| 3、产品合格证 | 3、Quality certificate |

产品装箱参数 Package Information

- ◎3只/盒重量: 5.7kg 体积: 42cm×47cm×10cm
- ◎3pcs/box W/G:5.7kg Vol: 42cm×47cm×10cm



15kV 600A/200A Integral Deadbreak Bushing

Key of Power
Electric Professional
>

概述General

15kV 600A/200A负荷转换头用于600A T型接头或600A延伸管连接, 为600A系列提供200A接口。

15kV 600A/200A Integral Deadbreak Bushing is used to convert a standard 600A deadbreak interface to a standard 200A loadbreak interface.

性能Performance

15kV 600A/200A负荷转换头可连接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TⅡ头。

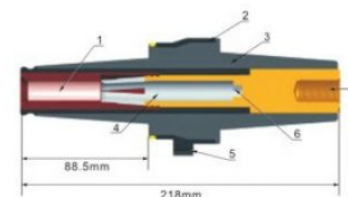
Used with a 200A insulated protective cap, M.O.V Elbow Arrester, Grounding Elbow or Loadbreak Elbow Connector, A integral deadbreak bushing provides a fully shielded. It will be T-Ⅱ connector if connect with T connector.



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

产品构造 Product Structure

- 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, 是产品接地。
- 6、内六角: 与内六角扳手配合使用, 方便操作。



产品构造图
Illustrate Design Integrity

- 1、ARC SNUFFER ASSEMBLY: Arc-ablative plastic produces arc extinguishing gas during loadbreak switching operations.
- 2、SEMI-CONDUCTIVE SHIELD: Molded semi-conductive EPDM shield meets requirements of ANSI/IEEE Standard 592.
- 3、INSULATION: High quality, peroxide-cured EPDM rubber formulated, mixed and molded in-house for consistent and reliable field performance.
- 4、COPPER BUS BAR: Provides reliable all copper current path and ensures the coolest operating temperatures.
- 5、Drain wire tabs: Drain wire tabs provide convenient drain wire connection point to the molded conductive shield and place the shield at ground potential.
- 6、Hex wrench: Easy to installation.

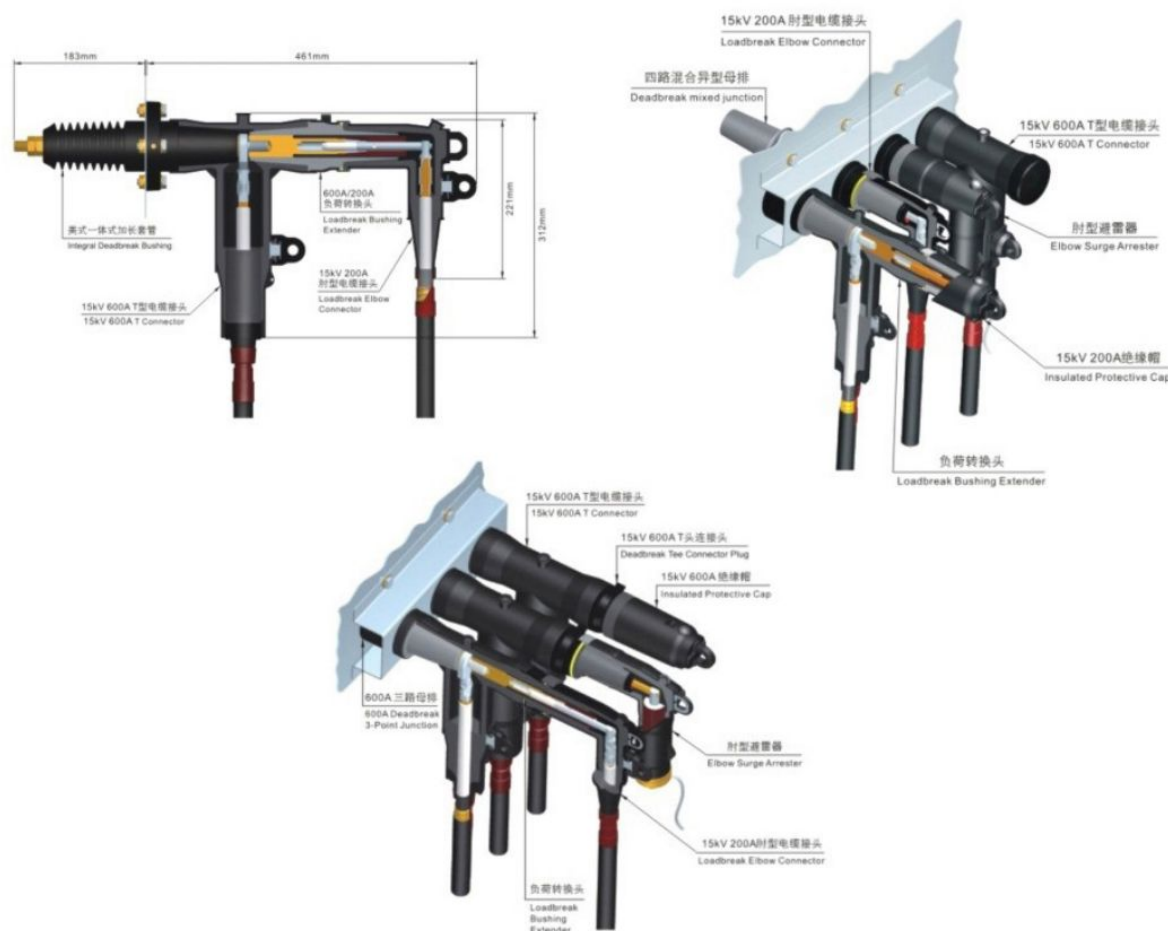
定货编号说明Inference Information



15kV 600A/200A Integral Deadbreak Bushing

Key of Power
Electric Professional
>

应用示例Applications



订货信息Order Information

产品名称 Description	订货编号 Reference NO.
600A/200A 负荷转换头 600A/200A Deadbreak Bushing	ZHT-15/600/200

质量保证Quality Assurance

- | | |
|--------------------|----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100%Test before delivery |

Key of Power
Electric Professional
>

15kV 600A/200A Integral Deadbreak Bushing

标准包装Scope of Delivery

- | | |
|-----------------|------------------------------|
| 1、负荷转换头本体 | 1、Integral Deadbreak Bushing |
| 2、双头螺栓 | 2、Two-head Screw |
| 3、内六角扳手 | 3、Hex Wrench |
| 4、清洁纸 | 4、Clearing Paper |
| 5、硅脂 | 5、Silicone Lubricant |
| 6、红色防尘帽（非绝缘保护帽） | 6、Covering cap |

产品装箱参数 Package Information

- ◎3只/盒重量: 3.12kg 体积: 27cm×28cm×8cm
◎3pcs/box W/G:3.12kg Vol: 27cm×28cm×8cm



25kV 600A/200A Integral Deadbreak Bushing

Key of Power
Electric Professional
>



25kV 600A/200A 负荷转换头
Integral Deadbreak Bush

概述General

25kV 600A/200A负荷转换头可以直接安装在600A母排或200A套管上，为用户提供一个200A出线。

25kV 600A/200A Integral Deadbreak Bushing is used to covert a standard 600A deadbreak interface to a standard 200A loadbreak interface.

性能Performance

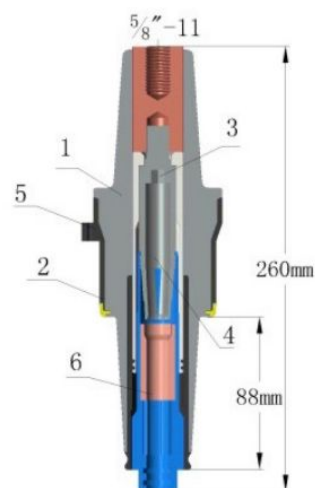
25kV 600A/200A负荷转换头200A插孔可以安装肘型电缆接头，接地肘型头或肘型避雷器。负荷转换头选用高品质的EPDM（三元乙丙橡胶）制作而成，为全密封，全绝缘产品。

Used with a 200A insulated protective cap, M.O.V Elbow Arrester, grounding elbow or loadbreak elbow connector, A integral deadbreak bushing provides a fully shielded. It will be T-II connector if connect with T connector.

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导电橡胶与电缆屏蔽的配合实现连续，并确保外半导体层处于接地状态；
- 3、内六角：与内六角扳手配合使用，方便安装；
- 4、铜质接头：由导电性能良好的材质制成；
- 5、接地眼：预注到外半导体层中用于接地线的连接；
- 6、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、SEMI-CONDUCTIVE SHIELD: High quality EPDM rubber provides protective deadfront shield that make sure they have grounding
- 3、HEX BROACH: 5/16"hex broach permits consistent installation with torque tool.
- 4、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 loadbreak probe.
- 5、GROUNDING TABS: Three tabs molded into a semi-conductive shield for the attachment of a ground wire to maintain deadfront safety.
- 6、ARC SNUFFER ASSEMBLY: Arc-ablative plastic produces arc extinguishing gas during loadbreak switching operations



产品构造图
Illustrate Design Integrity

质量保证Quality Assurance

- | | |
|--------------------|----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100%Test before delivery |

25kV 600A/200A Integral Deadbreak Bushing

Key of Power
Electric Professional
>

应用示例Applications



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
600A/200A 负荷转换头 600A/200A Deadbreak Bushing	ZHT-25/600/200	25kV	600A/200A

定货编号说明Inference Information



标准包装Scope of Delivery

- | | | | |
|-----------|-----------------|------------------------------|----------------|
| 1、负荷转换头本体 | 5、红色防尘帽(非绝缘保护帽) | 1、Integral Deadbreak Bushing | 5、Covering cap |
| 2、双头螺栓 | | 2、Two-head Screw | |
| 3、清洁纸 | | 3、Clearing Paper | |
| 4、硅脂 | | 4、Silicone Lubricant | |

产品装箱参数 Package Information

- ◎3只/盒重量: 3.12kg 体积: 27cm×28cm×8cm
◎3pcs/box W/G:3.12kg Vol: 27cm×28cm×8cm

15kV/25kV/35kV 200AMP Insulated Protective Cap

Key of Power
Electric Professional

概述General

15kV/25kV/35kV 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，对于带电的接口提供防尘，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。

200A 绝缘帽选用EPDM（三元乙丙橡胶）制成，全绝缘，全密封。

15kV/25kV/35kV 200A Insulated Protective Cap is an accessory device designed to electrically insulate and mechanically seal loadbreak bushing interfaces. When mated to a loadbreak 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, junctions or insulated standoff bushing.

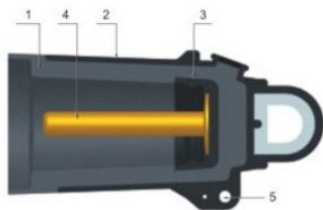
The Insulated Protective Cap are molded using high quality sulfur-cured insulating and semi-conducting EPDM rubber.



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

产品构造 Product Structure

- 1、绝缘层：特有配方和混合技术确保预制的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、内半导体层：预制的EPDM导电橡胶有效的控制电气应力。
- 4、导电杆：铜质导电杆均匀内部电场。
- 5、接地眼：与外导电层一体的接地眼，用于产品的接地。



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

- 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、SEMI-CONDUCTIVE SHIELD INSERT: Semi-conductive insert is molded of semi-conductive EPDM and controls electrical stresses at nose of mating loadbreak product.
- 4、PROBF: Probe provides reliable conductive path with mating female contacts.
- 5、GROUNDING EYE: Moulded into the external screen for connection of an earthing wire.

电压特性Ratings Overview

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

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Electric Professional

15kV/25kV/35kV 200AMP Insulated Protective Cap

应用示例Applications



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 绝缘帽	JYM-15/200	15kV	200A
25kV 200A 绝缘帽	JYM-25/200	25kV	200A
35kV 200A 绝缘帽	JYM-35/200	35kV	200A

尺寸表Dimension Sheet

	15kV	25kV	35kV
S1	71.5mm	71.9mm	102mm

定货编号说明Inference Information



15kV/25kV/35kV 200AMP Insulated Protective Cap

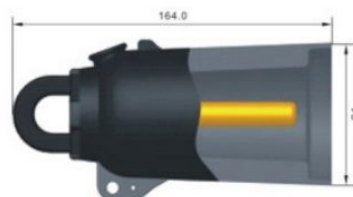
Key of Power
Electric Professional
>

质量保证Quality Assurance

- | | |
|--------------------|----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100%Test before delivery |

标准包装Scope of Delivery

- | | |
|-------|----------------------------|
| 1、绝缘帽 | 1、Insulated protective cap |
| 2、清洁纸 | 2、Clearing paper |
| 3、硅脂 | 3、Silicone lubricant |



图二：外形尺寸图
Figure 2: Dimensions

产品装箱参数 Package Information

- 3只/盒重量: 1.58kg 体积: 8cm×27cm×9.5cm
- 3pcs/box W/G:1.58kg Vol: 8cm×27cm×9.5cm



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

Key of Power
Electric Professional
>

24kV 250AMP Loadbreak Elbow Connector

概述General

24kV 250A 肘型电缆接头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）。

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。可长期在水下或其他恶劣条件下运行。内置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，水平或任何角度。

24kV 250A Loadbreak Elbow Connector 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 24kV. Continuous current 250A(300A overload for 8 hours).

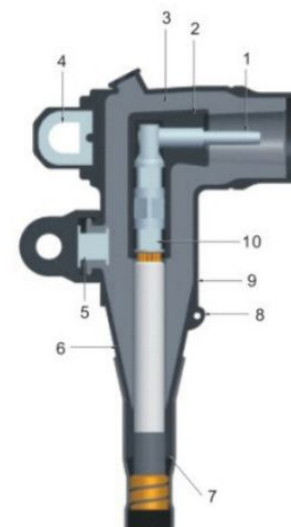
Provides a fully screened and fully submersible separable connection when mated with the proper bushing or plug. Built-in capacitive test point to determine the circuit status or install a fault indicator. No minimum phase clearance requirements. Mounting can be vertical, horizontal, or any angle in between.



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

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、内半导电层：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：外半导电层和绝缘的锥形几何结构用于释放电应力。
- 7、电缆插入口：开口的尺寸提供的接口配合刻保证可靠密封。
- 8、接地眼：预注到外半导电层中用于接地线的连接。
- 9、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接，并确保接地电位。
- 10、压接端子：两种压接端子，全铜端子及铜铝双金属端子分别使用。



- 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. A moulded 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 an interference 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 250AMP Loadbreak Elbow Connector

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Electric Professional
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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Continuous voltage ratings

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1秒 Short circuit withstand 1s	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.

应用示例Applications



质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100% Test before delivery

24kV 250AMP Loadbreak Elbow Connector

Key of Power
Electric Professional
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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 8.7/10kV, the order information as following.

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(mm²) Conductor cross section(mm²)	电缆绝缘层外径(mm) Stretch range over insulation(mm)	对应代号 Corresponding Code
ZT-10/250-25	25	16.3-23.1	A
ZT-10/250-35	35	16.3-23.1	A
ZT-10/250-50	50	16.3-23.1	A
ZT-10/250-70	70	19.1-25.7	B
ZT-10/250-95	95	21.3-28.2	C
ZT-10/250-120	120	21.3-28.2	C

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.

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(mm²) Conductor cross section(mm²)	电缆绝缘层外径(mm) Stretch range over insulation(mm)	对应代号 Corresponding Code
ZT-24/250-35	35	19.6-24.1	F
ZT-24/250-50	50	19.6-24.1	F
ZT-24/250-70	70	23.6-26.4	H
ZT-24/250-95	95	23.6-26.4	H
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.

定货编号说明Inference Information



24kV 250AMP Loadbreak Elbow Connector

Key of Power
Electric Professional
>

安装Installation

- 1、无需任何特殊工具,包带或填充
- 2、电缆接头安装到相关部件后立即通电运行
- 3、可与符合EN501810/EN50181 DIN47636/HN52-S-61标准规定的套管、接头或母排设备配合。
- 1、 Without any special tools
- 2、 When finish the installation of elbow connector the power can be supply directly.
- 3、 Can be used together with the bushing, cable connector and junction witch meet the requirement EN501810/EN50181 DIN47636/HN52-S-61

标准包装Scope of Delivery

- | | |
|------------|--|
| 1、肘型电缆接头 | 1、 Elbow connector |
| 2、铜或铝质压接端子 | 2、 Copper or Aluminium Conductor cable lug |
| 3、安装压板 | 3、 Loadbreak Probe |
| 4、插拔杆 | 4、 Steel Installation Tool |
| 5、弹簧 | 5、 Spring |
| 6、内六角扳手 | 6、 Hex Wrench |
| 7、清洁纸 | 7、 Clearing Paper |
| 8、硅脂 | 8、 Silicone Lubricant |

产品装箱参数 Package Information

- ◎3只/盒重量: 2.4kg 体积: 16cm×23cm×11cm
- ◎3pcs/box W/G:2.4kg Vol: 16cm×23cm×11cm



24kV 250AMP Straight Connector

Key of Power
Electric Professional
>

概述General

24kV 250A直通式电缆接头, 主要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)。

24kV 250A Straight Connector is for connection of polymeric cable to transformers, switchgear, motors and other equipment with a premoulded separable connector for indoor and outdoor installations. The system voltage up to 24kV.

The continuous current is 250A (300A overload for 8 hours).

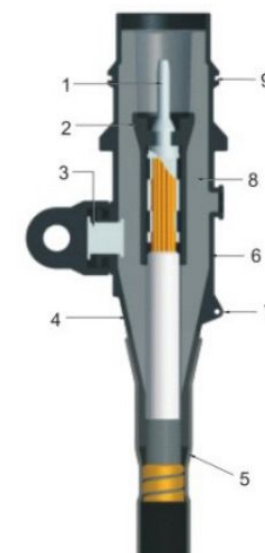


250A 24KV 直通式电缆接头
250A 24KV Straight connector

性能Performance

24kV 250A直通式电缆接头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。

24kV 250A Straight Connector provides a fully screened and fully submersible separable connection when mated with the proper bushing or plug. Long-term operation under water or other mal-conditions. The 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.



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

标准Standards

满足GB/T 12706.4-2002及IEC60502.4-2005标准的要求
Will meet the requirements of GB/T 12706.4-2002 and IEC 60502.4-2005.

定货编号说明Inference Information



质量保证Quality Assurance

- | | |
|--------------------|-----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100% Test before delivery |

24kV 250AMP Straight Connector

Key of Power
Electric Professional
>

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 conduting 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 confi guration of the outer screen and insulation provides cable stress relief.
 - 5、Cable Entrance: The sized opening provides an interference fit to maintain a watertight seal.
 - 6、SEMI-CONDUCTIVE SHIELD: Moulded EPDM conduting 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 earthing 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.

电压特性 Continuous voltage ratings

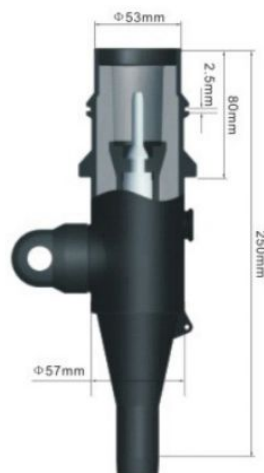
项目 Item	24kV 参数
额定电压 Continuous operating voltage	12/20 kV 18/20 kV
工频耐压 AC withstand voltage	55 kV /1min
直流耐压 DC withstand voltage	78 kV /15min
雷电冲击耐压 1.5/50μs Impulse withstand voltage	125 kV
局部放电电压<10PC Partial discharge voltage	20 kV

电气性能Continuous voltage ratings

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.

图二：外形尺寸图
Figure 2: DimensionsKey of Power
Electric Professional
>

24kV 250AMP Straight Connector

应用示例Applications



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直通电缆接头订货编号如下表：
The cable meet the requirements of GB/T12706 in 8.7/10kV, the order information as following.

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(mm²) Conductor cross section(mm²)	电缆绝缘层外径(mm) Stretch range over insulation(mm)	对应代号 Corresponding Code
ZT-10/250-25	25	16.3-23.1	A
ZT-10/250-35	35	16.3-23.1	A
ZT-10/250-50	50	16.3-23.1	A
ZT-10/250-70	70	19.1-25.7	B
ZT-10/250-95	95	21.3-28.2	C
ZT-10/250-120	120	21.3-28.2	C

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.

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(mm²) Conductor cross section(mm²)	电缆绝缘层外径(mm) Stretch range over insulation(mm)	对应代号 Corresponding Code
ZT-24/250-35	35	19.6-24.1	F
ZT-24/250-50	50	19.6-24.1	F
ZT-24/250-70	70	23.6-26.4	H
ZT-24/250-95	95	23.6-26.4	H
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.

24kV 250AMP Straight Connector

Key of Power
Electric Professional
>

安装Installation

- 1、无需任何特殊工具，包带或填充
- 2、电缆接头安装到相关部件后立即通电运行
- 3、可与符合EN501810/EN50181 DIN47636/HN52-S-61标准规定的套管、接头或母排设备配合。
- 1、Without any special tools
- 2、When finish the installation of elbow connector the power can be supply directly.
- 3、Can be used together with the bushing, cable connector and junction witch meet the requirement EN501810/EN50181 DIN47636/HN52-S-61

标准包装Scope of Delivery

- | | |
|------------|---|
| 1、直通电缆接头 | 1、Straight connector |
| 2、拉钩 | 2、Hook |
| 3、铜或铝质压接端子 | 3、Copper or Aluminium Conductor cable lug |
| 4、不锈钢安装压脚 | 4、Steel installation tool |
| 5、清洁纸 | 5、Clearing paper |
| 6、硅脂 | 6、Silicone lubricant |

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



24kV 250AMP Apparatus Bushing

Key of Power
Electric Professional
>

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。

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.

性能Performance

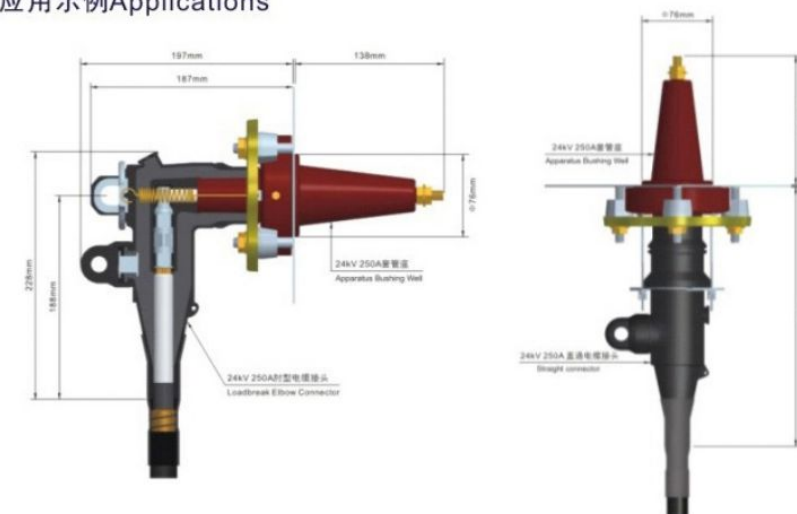
24kV 250A套管座材料为一种环氧树脂，具有良好的机械和电气性能。符合EN50180/EN50181 DIN47636/HN52-S-61标准。

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

电压特性Ratings Overview

项目 Item	24kV 参数
额定电压 Continuous operating voltage	12/20KV/18/20KV
工频耐压 AC withstand voltage	55KV/5min
直流耐压 DC withstand voltage	78KV/15min
雷电冲击耐压 1.5/50μs Impulse withstand voltage	125kv
局部放电电压<10PC Partial discharge voltage	20KV

应用示例Applications



质量保证Quality Assurance

- | | |
|--------------------|----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100%Test before delivery |

24kV 250AMP Apparatus Bushing

Key of Power
Electric Professional
>

订货信息Order Information

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

尺寸表Dimension Sheet

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

定货编号说明Inference Information

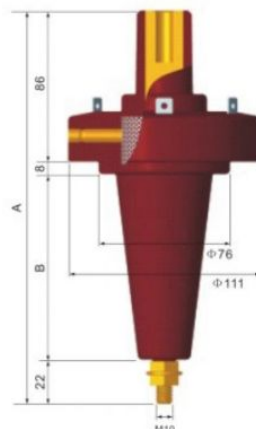


标准包装Scope of Delivery

- | | | | |
|-------|-----------|---------------------|----------------------------------|
| 1、套管座 | 4、压脚板 | 1、Apparatus Bushing | 4、Pressing plate |
| 2、防尘盖 | 5、安装指导说明书 | 2、Covering Cap | 5、Installation Instruction Sheet |
| 3、密封圈 | | 3、Seal ring | |

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

外形尺寸图
Dimensions

24kV 250AMP Loadbreak Elbow Connector

Key of Power
Electric Professional
>

概述General

24kV 400A肘型电缆接头，用于连接电缆和变压器，开关柜，电缆分支箱等设备。

24kV 400A Loadbreak Elbow Connector is a fully-shielded and insulated plug-in termination for connecting underground cable to distribution power system of pad-mount transformer, surrounding power supply branch box, cable branch box equipped with loadbreak bushings.

400A 24KV 肘型电缆接头
400A 24KV Loadbreak
Elbow Connector

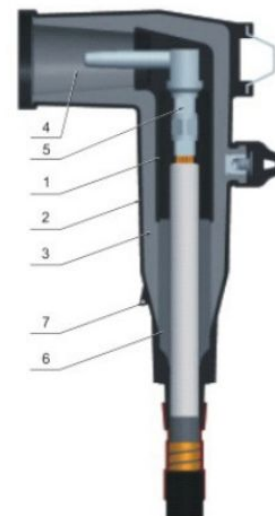
性能Performance

高品质经过特殊工艺处理的EPDM橡胶是产品在正确安装后具有全屏蔽，全密封，带电可触摸的功能。

They are molded using high quality sulfur-cured insulating and semi-conducting EPDM rubber.

产品构造 Product Structure

- 1、内半导体层：预制的EPDM导电橡胶有效的控制电气应力；
 - 2、外半导体层：预制的EPDM导电橡胶与电缆屏蔽层配合实现屏蔽链接，并确保外半导体层处于接地状态；
 - 3、绝缘层：特有的配方和混合技术确保我们的预制EPDM绝缘胶的优异品质；
 - 4、400A接头：能准确的与符合CENELEC En501810和50181标准的接口链接；
 - 5、压接端子：根据电缆的需要，选择铜或铝的压接端子；
 - 6、应力锥：有效控制电缆切口处的电气应力；
 - 7、接地眼：预注到外屏蔽层中，用于设备系统接地。
- 1、SEMI-CONDUCTIVE INSERT: Moulded EPDM conducting rubber screen controls electrical stress.
 - 2、SEMI-CONDUCTIVE SHIELD: Moulded EPDM
 - 3、INSULATION: High-quality EPDM rubber formulated, mixed, and milled in-house for consistent and reliable field performance.
 - 4、400A INTERFACE: Can be used together with the interface that meet the requirements of CENELEC En501810 and 50181
 - 5、CONDUCTOR CABLE LUG: Inertia-welded aluminum barrel and threaded copper lug makes crimping easy and ensures a tight, reliable electrical connection with loadbreak probe. Standard IEEE and CSA types available.
 - 6、ADAPTOR: Molded cable adaptor provides stress relief for the terminated cable.
 - 7、GROUNDING EYE: Moulded into the external screen for connection of an earthing wire.

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

标准 Standards

产品性能符合IEC 60502 标准。

Will meet the requirements of IEC 60502.

24kV 250AMP Loadbreak Elbow Connector

Key of Power
Electric Professional
>

电压特性 Continuous voltage ratings

项目 Item	24kV 参数
额定电压 Continuous operating voltage	12/20 kV 18/20 kV
工频耐压 AC withstand voltage	55 kV /5min
直流耐压 DC withstand voltage	78 kV /15min
雷电冲击耐压 1.5/50μs Impulse withstand voltage	125 kV
局部放电电压<10PC Partial discharge voltage	20 kV

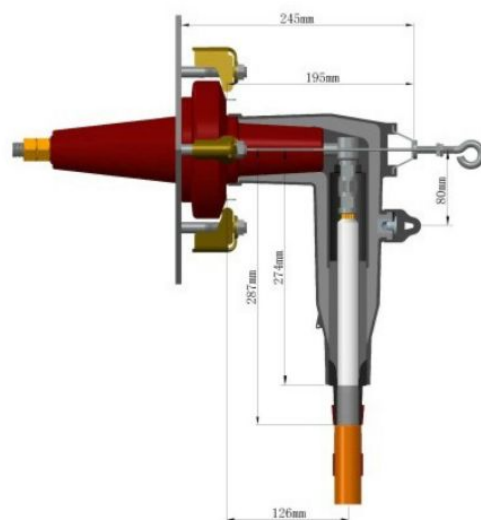
电气性能 Continuous voltage ratings

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	400A

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.

应用示例 Applications



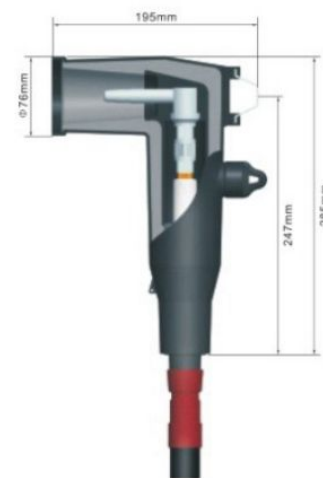
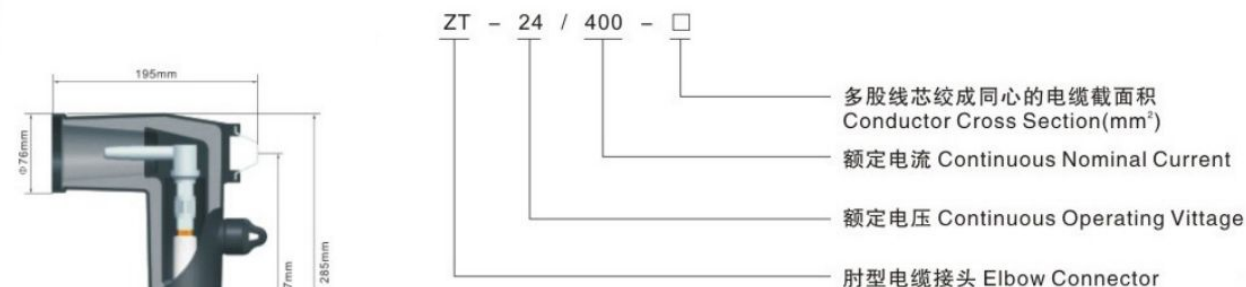
质量保证 Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100%Test before delivery

24kV 250AMP Loadbreak Elbow Connector

Key of Power
Electric Professional
>

定货编号说明 Inference Information

图二: 外形尺寸图
Figure 2: Dimensions

安装 Installation

- 1、无需任何特殊工具,或填充
- 2、电缆接头安装到位后, 即可通电运行
- 3、产品接口尺寸符合CENELEC EN 501810/50181标准, 保证设备的适用性

- 1、Without any special tools
- 2、When finish the installation of elbow connector the power can be supply directly.
- 3、Can be used together with the bushing, cable connector and junction witch meet the requirement EN501810/EN50181 DIN47636/HN52-S-61

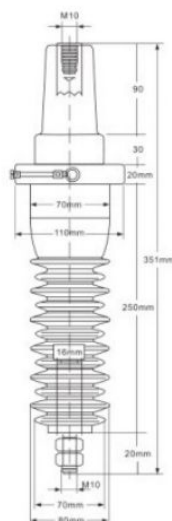
标准包装 Scope of Delivery

- | | |
|------------|---|
| 1、肘型电缆接头 | 1、Elbow connector |
| 2、铜或铝质压接端子 | 2、Copper or Aluminium Conductor cable lug |
| 3、安装压板 | 3、Steel Installation Tool |
| 4、铜导电杆 | 4、Loadbreak Probe |
| 5、应力锥 | 5、Adaptor |
| 6、清洁纸 | 6、Clearing Paper |
| 7、硅脂 | 7、Silicone Lubricant |

产品装箱参数 Package Information

- ◎3只/盒重量: 3.1kg 体积: 28cm×20cm×9cm
 ◎3pcs/box W/G:3.1kg Vol: 28cm×20cm×9cm

24kV 400AMP Apparatus Bushing

Key of Power
Electric Professional
>24kV 400A 套管座
24kV 400AMP
Apparatus Bushing外形尺寸图
Dimensions

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。

24kV 400A套管座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标准。

24kV 400A Apparatus Bushing provide the interface for 400A the 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.

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试

- 1、Certificated by ISO 9000
- 2、100% Test before delivery

订货信息Order Information

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

定货编号说明Inference Information

TGZ - 24 / 400

额定电流 Continuous Nominal Current

额定电压 Continuous Operating Voltage

套管座 Apparatus Bushing

24kV 400AMP Apparatus Bushing

Key of Power
Electric Professional
>

标准包装Scope of Delivery

- 1、套管座
- 2、防尘盖
- 3、压脚板

- 1、Apparatus Bushing
- 2、Covering Cap
- 3、Pressing plate

产品装箱参数 Package Information

◎3只/盒重量: 3.56kg 体积: 24 cm×19cm×21cm

◎3pcs/box W/G:3.56kg Vol:24cm×19cm×21cm

36kV 400AMP Apparatus Bushing

Key of Power
Electric Professional
>

概述General

36kV 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。

36kV 400A Apparatus Bushing provide the interface for the Cable connector and mostly used on the oil-insulated (R-temp, hydrocarbon, or silicon) apparatus, including switchgear, transformers, and capacitors.

性能Performance

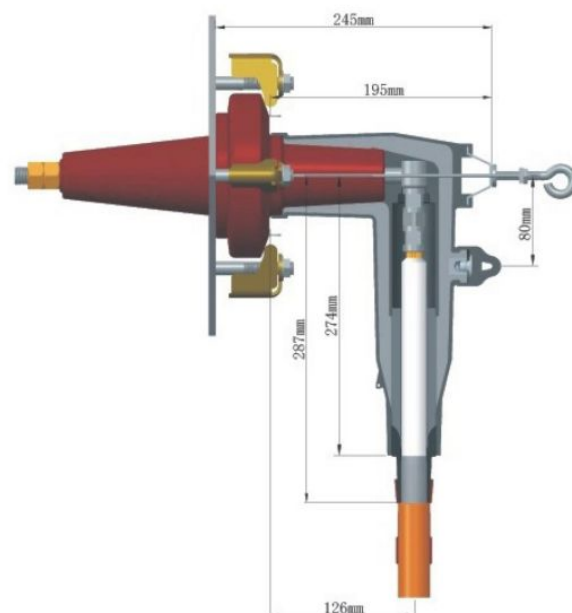
36kV 400A套管座材料为一种环氧树脂，具有良好的机械和电气性能。符合EN50180/EN50181 DIN47636/HN52-S-61标准。

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

应用示例Applications



36kV 400A 套管座
36kV 400AMP
Apparatus Bushing



质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试

36kV 400AMP Apparatus Bushing

Key of Power
Electric Professional
>

电压特性Continuous voltage ratings

项目 Item	36kV 参数
额定电压 Continuous operating voltage	26kV/35kV
工频耐压 AC withstand voltage	117kV/5min
直流耐压 DC withstand voltage	104kV
雷电冲击耐压 1.5/50μs Impulse withstand voltage	215kV
局部放电电压<10PC Partial discharge voltage	45kV

订货信息Order Information

产品名称Description	订货编号Reference No.
400A 36KV套管座Apparatus Bushing	TGZ-36/400

定货编号说明Inference Information



外形尺寸图
Dimensions

标准包装Scope of Delivery

- 1、套管座
- 2、防尘盖
- 3、密封圈

- 4、压脚板
- 5、安装指导说明书

- 1、Apparatus Bushing
- 2、Covering Cap
- 3、Seal ring

- 4、Pressing plate
- 5、Installation Instruction Sheet

产品装箱参数 Package Information

- ◎1只/盒重量: 3.56kg
- ◎1pcs/box W/G:3.56kg



35kV 600AMP T Deadbreak Connector

Key of Power
Electric Professional

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。

35kV/25kV 600A Class T Deadbreak Connector is used to terminate high voltage underground cable to transformers, switches, switchgear and other apparatus.

性能Performance

作为进出线电缆连接。可连接600A母排，亦可通过中间连接头进行T-T多组合连接，亦可通过600、200A转换接头连接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。

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 loadbreak 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 25kV cable.

产品构造 Product Structure

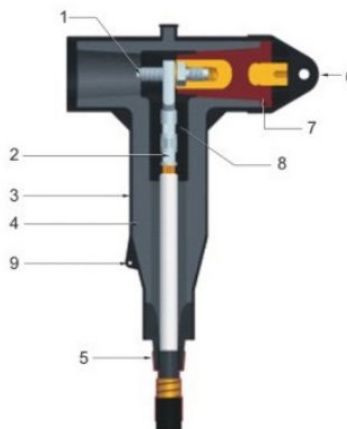
- 1、连接螺杆：镀锡的铜双头螺杆，确保和套管紧密配合。
- 2、压接端子：根据电缆材质的不同，选择铜质压接端子或铝压接端子。
- 3、外半导电层：预制的EPDM导电橡胶与电缆屏蔽的配合实现屏蔽连续，并确保外半导电层处于接地状态。
- 4、绝缘层：特有的配方和混合技术确保预制EPDM绝缘橡胶的优质品质。
- 5、应力锥：改善电场分布。
- 6、绝缘子端盖：封住电缆接头末端，使设备具有全屏蔽、全密封功能。
- 7、绝缘子：由环氧树脂制成，用于封住未使用的接口。
- 8、内半导电层：预制的EPDM导电橡胶有效的控制电气应力。
- 9、接地眼：使设备接地。

- 1、SCREW: To make sure have a good contact with the apparatus bushing
- 2、COMPRESSION LUG: Aluminum compression lug is sized to ensure a cool running connector with maximum current transfer.
- 3、SEMI-CONDUCTING SHIELD: Precision molded peroxide-cured semi-conducting shield provides ground shield continuity.
- 4、INSULATION: High-quality EPDM rubber formulated, mixed, and milled in-house for consistent and reliable field performance.
- 5、Adapter: Molded cable adapter provides stress relief for the terminated cable.
- 6、INSULATING PLUG CAP: Semi-conducting rubber cap fits over insulating plug test point for waterproof sea and deadfront shielding.
- 7、INSULATING PLUG: Molded epoxy insulating plug provides excellent electrical, thermal and mechanical reliability.
- 8、SEMI-CONDUCTING INSERT: High quality peroxide-cured EPDM Insulation is mixed and formulated in-house for complete control of raw rubber characteristics.
- 9、GROUNDING EYE: Moulded into the external screen for connection of an earthing wire.

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



35kV 600A T型电缆接头
35kV 600A T Deadbreak Connector



35kV 600AMP T Deadbreak Connector

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电压特性Ratings Overview

项目 Item	35kV 参数
额定电压 Continuous operating voltage	26 kV /35kV
工频耐压 AC withstand voltage	117 kV /5min
直流耐压 DC withstand voltage	104 kV
雷电冲击耐压 1.5/50μs Impulse withstand voltage	215 kV
局部放电电压 <10PC Partial discharge voltage	45kV

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100% Test before delivery

定货编号说明Inference Information



应用示例Applications



图二：外形尺寸图
Figure 2: Dimensions

35kV 600AMP T Deadbreak Connector

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>

订货信息Order Information

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(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
TT 35/600-50	50	29.5-33.1	26/35	A
TT 35/600-70	70	32.5-35.4	26/35	B
TT 35/600-95	95	34.4-38.6	26/35	C
TT 35/600-120	120	34.4-38.6	26/35	C
TT 35/600-150	150	37.7-40.5	26/35	D
TT 35/600-185	185	38.9-41.7	26/35	E
TT 35/600-240	240	40.0-42.8	26/35	F
TT 35/600-300	300	42.3-45.3	26/35	G
TT 35/600-400	400	44.6-47.9	26/35	H
TT 35/600-500	500	46.9-50.0	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.

标准包装Scope of Delivery

- | | | | |
|---------------|-------|-----------------------|----------------------|
| 1、T型电缆接头本体 | 6、清洁纸 | 1、T Cable connector | 6、Clearing Paper |
| 2、绝缘子（含半导体封帽） | 7、硅脂 | 2、Insulator | 7、Silicone Lubricant |
| 3、压接端子 | | 3、Conductor cable lug | |
| 4、应力锥 | | 4、Adaptor | |
| 5、双头螺栓 | | 5、Two-head Screw | |

产品装箱参数 Package Information

◎3只/盒重量: 11.62kg 体积: 35cm×31cm×37cm

◎3pcs/box W/G:11.628kg Vol: 35cm×31cm×37cm



15kV 25kV 600AMP Middle Connector

Key of Power
Electric Professional
>

概述General

15/25kV 600A 中间电缆接头选用EPDM（三元乙丙胶）制成。屏蔽式、全密封，用于电缆中间连接，为电缆所需长度提供可靠的电气连接。可连接25mm²–300mm²的电缆。

15kV/25kV 600A middle connector are made by EPDM with the good quality. It is a fully screened and fully submersible connection when contact with the cable. They available conductor cross section is 25~300mm² for 15kV/25kV cable.

美式中间电缆接头
35kV 200A Bushing Well

质量保证Quality Assurance

- | | |
|--------------------|-----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100% Test before delivery |

定货编号说明Inference Information



应用示例Applications

15/25kV 600A
美式中直接头15/25kV 600A
Middle Connector

15kV 25kV 600AMP Middle Connector

Key of Power
Electric Professional
>

订货信息Order Information

产品名称Description	订货编号Reference No.
15kV 600A 中间电缆接头 15kV 600A Middle connector	ZJDLJT-15/600A
25kV 600A 中间电缆接头 25kV 600A Middle connector	ZJDLJT-25/600A

标准包装Scope of Delivery

- | | |
|----------|-----------------------|
| 1、中间电缆接头 | 1、Middle connector |
| 2、接地线 | 2、Grounding wire |
| 3、清洁纸 | 3、Clearing paper |
| 4、硅脂 | 4、Silicone lubricant |
| 5、压接端子 | 5、Conductor cable lug |

产品装箱参数 Package Information

- ◎3只/盒重量: 4kg 体积: 85cm×250cm×410cm
- ◎3pcs/box W/G:4kg Vol: 85cm×250cm×410cm

15kV/25kV 600AMP T Deadbreak Connector

Key of Power
Electric Professional
>

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。

15kV/25kV 600A Class T Deadbreak Connector is used to terminate high voltage underground cable to transformers, switches, switchgear and other apparatus.

性能Performance

作为进出线电缆连接。可连接600A母排，亦可通过中间连接头进行T-T多组合连接，亦可通过600、200A转换接头连接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。

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 loadbreak 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 25kV cable.

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

质量保证Quality Assurance

- | | |
|--------------------|----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100%Test before delivery |

定货编号说明Inference Information

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

15kV/25kV 600AMP T Deadbreak Connector

Key of Power
Electric Professional
>

产品构造 Product Structure

- 1、连接螺杆：镀锡的铜双头螺杆，确保和套管紧密配合。
 - 2、压接端子：根据电缆材质的不同，选择铜质压接端子或铝压接端子。
 - 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、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。
 - 5、应力锥：改善电场分布。
 - 6、绝缘子端盖：封住电缆接头末端，使设备具有全屏蔽、全密封功能。
 - 7、绝缘子：由环氧树脂制成，用于封住未使用的接口。
 - 8、内半导体层：预制的EPDM导电橡胶有效的控制电气应力。
 - 9、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。
 - 10、接地眼：使设备接地。
- 1、SCREW: To make sure have a good contact with the apparatus bushing
 - 2、COMPRESSION LUG: Aluminum compression lug is sized to ensure a cool running connector with maximum current transfer.
 - 3、SEMI-CONDUCTING SHIELD: Precision molded peroxide-cured semi-conducting shield provides ground shield continuity.
 - 4、INSULATION: High-quality EPDM rubber formulated, mixed, and milled in-house for consistent and reliable field performance.
 - 5、Adapter: Molded cable adapter provides stress relief for the terminated cable.
 - 6、INSULATING PLUG CAP: Semi-conducting rubber cap fits over insulating plug test point for waterproof sea and deadfront shielding.
 - 7、INSULATING PLUG: Molded epoxy insulating plug provides excellent electrical ,thermal and mechanical reliability.
 - 8、SEMI-CONDUCTING INSERT: High quality peroxide-cured EPDM Insulation is mixed and formulated in-house for complete control of raw rubber characteristics.
 - 9、Capacitive Test Point: Capacitive tese point provides a means to check circuit status. Corrosion-resistant,conductive electrode provides consistent capacitive voltage for application of fault indicators and determining a circuit's state.
 - 10、GROUNDING EYE: Moulded into the external screen for connection of an earthing wire.

应用示例Applications



15kV/25kV 600AMP T Deadbreak Connector

Key of Power
Electric Professional
>

订货信息 Order Information

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(mm²) Conductor cross section(mm²)	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
TT 15/600-25	25	16.3-23.1	8.7/15	A
TT 15/600-35	35	16.3-23.1	8.7/15	A
TT 15/600-50	50	18.3-21.5	8.7/15	B
TT 15/600-70	70	19.9-24.6	8.7/15	C
TT 15/600-95	95	19.9-24.6	8.7/15	C
TT 15/600-120	120	23.1-27.1	8.7/15	D
TT 15/600-150	150	23.1-27.1	8.7/15	D
TT 15/600-185	185	24.9-29.0	8.7/15	E
TT 15/600-240	240	27.4-32.5	8.7/15	F
TT 15/600-300	300	27.4-32.5	8.7/15	F
TT 15/600-400	400	31.0-36.1	8.7/15	G
TT 15/600-500	500	34.5-39.1	8.7/15	H

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(mm²) Conductor cross section(mm²)	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
TT 25/600-35	35	18.3-21.5	12/20	B
TT 25/600-50	50	19.9-24.6	12/20	C
TT 25/600-70	70	19.9-24.6	12/20	C
TT 25/600-95	95	23.1-27.1	12/20	D
TT 25/600-120	120	23.1-27.1	12/20	D
TT 25/600-150	150	24.9-29.0	12/20	E
TT 25/600-185	185	27.4-32.5	12/20	F
TT 25/600-240	240	27.4-32.5	12/20	F
TT 25/600-300	300	31.0-36.1	12/20	G
TT 25/600-400	400	34.5-37.6	12/20	H

15kV/25kV 600AMP T Deadbreak Connector

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(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
TT 25/600-50	50	23.1-27.1	18/20	D
TT 25/600-70	70	24.9-29.0	18/20	E
TT 25/600-95	95	27.4-32.5	18/20	F
TT 25/600-120	120	27.4-32.5	18/20	F
TT 25/600-150	150	31.0-36.1	18/20	G
TT 25/600-185	185	31.0-36.1	18/20	G
TT 25/600-240	240	34.5-37.6	18/20	H
TT 25/600-300	300	34.5-37.6	18/20	H

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.

电压特性 Continuous voltage ratings

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

安装 Installation

- 1、无需任何特殊工具,或填充
- 2、电缆接头安装到位后,即可通电运行
- 3、产品借口尺寸符合CENELEC EN 501810/50181标准,保证设备的适用性
- 1、Without any special tools
- 2、When finish the installation of elbow connector the power can be supply directly.
- 3、Can be used together with the bushing, cable connector and junction witch meet the requirement EN501810/EN50181 DIN47636/HN52-S-61



图二：外形尺寸图
Figure 2: Dimensions

15kV/25kV 600AMP T Deadbreak Connector

标准包装Scope of Delivery

- | | |
|------------------------|--|
| 1、T型电缆接头本体 | 1、T Cable connector |
| 2、测试点盖 | 2、Test point cap |
| 3、绝缘子（含半导体封帽） | 3、Insulator |
| 4、压接端子 | 4、Conductor cable lug |
| 5、蓝色防尘帽（非绝缘保护帽） | 5、Covering cap |
| 6、应力锥 | 6、Adaptor |
| 7、双头螺栓 | 7、Two-head Screw |
| 8、内六角套筒 | 8、Installation |
| 9、清洁纸 | 9、Clearing Paper |
| 10、硅脂 | 10、Silicone Lubricant |
| 11、符合转换接头(TⅡT电缆接头包装专用) | 11、Bushing Extender (Only for TⅡT Deadbreak Connector) |



图三: T II T电缆接头外形尺寸图
Figure 3: TIIT Deadbreak Connector
Illustrate Design Integrity

产品装箱参数 Package Information

- ◎3只/盒重量: 8kg 体积: 21cm×30cm×24cm
◎3pcs/box W/G:8kg Vol: 21cm×30cm×24cm



35kV 600AMP T Back Connector

Key of Power
Electric Professional
>

概述General

单通壁挂为600A接头提供一个接口，主要用于箱变、环网开关柜、电缆分接箱。当接带电600A T型接头时可以隔离、分段带电电缆。

其材料为一种环氧树脂，具有良好的机械和电气性能。

The insulated standoff bushing 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 600A Loadbreak Accessories. A grounding lug is provided on the standoff bushing bracket for attachment of a drain wire to ensure deadfront construction. When mated with a comparably rated product, the insulated standoff bushing provides a fully-shielded, submersible, separable connector for energized operation.

The standard insulated standoff bushing has a stainless steel eyebolt with a brass pressure foot. The molded EPDM rubber body is bolted to a stainless steel base bracket using a galvanized steel holddown ring.

35kV 600A后接头
T Back Connector

应用示例Applications



质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100%Test before delivery

35kV 600AMP T Back Connector

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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	额定电流 Continuous Nominal current
15kV 600A 单通壁挂 Insulated Standoff Bushing	DBG-15/600	15	600A
25kV 600A 单通壁挂 Insulated Standoff Bushing	DBG-25/600	25	600A

定货编号说明Inference Information



标准包装Scope of Delivery

- | | |
|----------|----------------------------------|
| 1、单通壁挂 | 1、Insulated standoff bushing |
| 2、不锈钢安装板 | 2、Stainless steel mounting plate |
| 3、防尘帽 | 3、Covering cap |

产品装箱参数 Package Information

- ◎3只/盒重量: 3kg 体积: 15cm×25cm×30cm
- ◎3pcs/box W/G:3kg Vol: 15cm×25cm×30cm

15kV/25kV 600AMP Deadbreak T Connector

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Electric Professional
>15kV/25kV 600A T头连接器
15kV/25kV 600A
Deadbreak T Connector

概述General

600A T头连接器为600AT型电缆接头提供一个过渡，只用于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。

The 600A Deadbreak T Connector Plugs are used to connect two or more 600A deadbreak terminators. Deadbreak 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 Loadbreak Elbows are molded using high quality sulfur-cured insulating and semi-conducting EPDM rubber.

产品构造 Product Structure

- 1、内六角：与内六角扳手配合使用，方便操作。
 - 2、铜质导电柱子：带5/8"-11螺纹的接头，符合IEEE386标准。
 - 3、外半导电层：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 deadfront 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.

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 1、Certificated by ISO 9000
- 2、100%通过出厂检验测试
- 2、100% Test before delivery

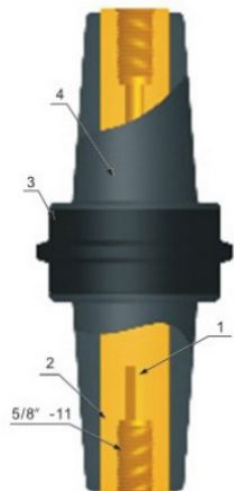
定货编号说明Inference Information

TTL - □ / 600

额定电流 Continuous Nominal Current

额定电压 Continuous Operating Voltage

T头连接器 T Connector

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

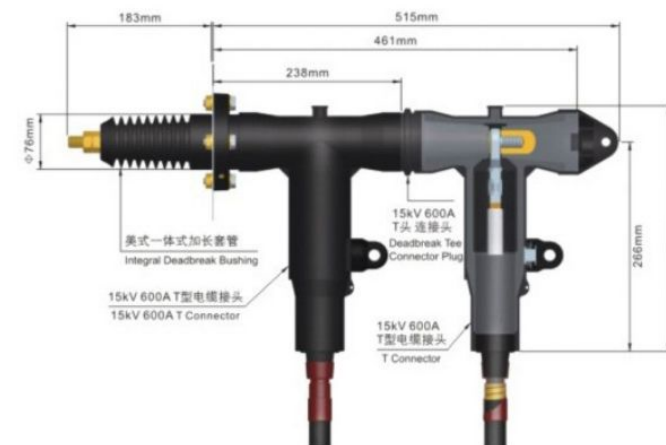
15kV/25kV 600AMP Deadbreak T Connector

Key of Power
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>

电压特性 Continuous voltage ratings

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

应用示例Applications



订货信息Order Information

产品名称Description	订货编号Reference No.
600A 15kV T头连接器T Connector	TTL-15/600
600A 25kV T头连接器T Connector	TTL-25/600

标准包装Scope of Delivery

- 1、T头连接器
- 1、Tee connector plug
- 2、双头螺杆
- 2、Two-head Screw
- 3、防尘盖
- 3、Covering Cap
- 4、清洁纸
- 4、Clearing Paper
- 5、硅脂
- 5、Silicone Lubricant

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

15kV/25kV 600AMP Deadbreak T Connector

Key of Power
Electric Professional
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产品装箱参数 Package Information

3只/盒重量: 1.985kg 体积: 26cm×10cm×10cm

3pcs/box W/G:1.985kg Vol: 26cm×10cm×10cm



35kV 600AMP Two-Side Bushing

Key of Power
Electric Professional
>

概述General

35kV 600A 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 600A Two-Side Bushing are used to connect two or more 600A deadbreak 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.

产品构造 Product Structure

- 1、绝缘层: 为环氧树脂注射而成。
 - 2、铜质导电柱: 5/8"-11接口, 符合IEEE386标准。
 - 3、法兰: 带安装孔的铝铸法兰, 使产品能够稳固安装在设备上, 并均匀外部电场。
- 1、INSULATION: High-quality EPDM rubber formulated, mixed, and milled in-house for consistent and reliable field performance.
 - 2、THREADS: 3/8-16 UNC Threads, meet the requirement Standard IEEE386.
 - 3、FLANGE: Make sure the Two-Side Bushing can be install on the equipment.

35kV 600A 对接套管
35kV 600A Two-Side Bushing

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
 - 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
 - 2、100%Test before delivery

应用示例Applications

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

35kV 600AMP Two-Side Bushing

Key of Power
Electric Professional
>

A 订货信息 Order Information

产品名称 Description	订货编号 Reference NO.
35kV 600A 对接套管 Two-Side Bushing	DJTG-35/600

定货编号说明 Inference Information

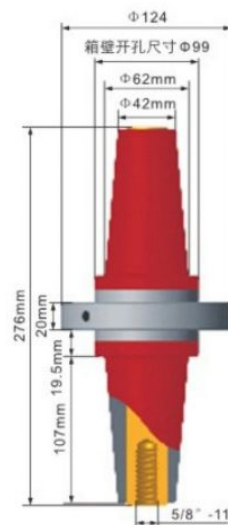


标准包装 Scope of Delivery

- | | |
|-----------------|----------------------------------|
| 1、对接套管本体 | 1、Bushing Well |
| 2、黑色防尘帽（非绝缘保护帽） | 2、Covering Cap |
| 3、安装指导说明书 | 3、Installation instruction sheet |
| 4、产品合格证 | 4、Quality certificate |

产品装箱参数 Package Information

- ◎ 3只/盒重量: 7.3kg 体积: 42cm × 16cm × 28cm
- ◎ 3pcs/box W/G: 7.3g Vol: 42cm × 16cm × 28cm

图二：外形尺寸图
Figure 2: Dimensions

15kV/25kV 600AMP Integral Deadbreak Bushing

Key of Power
Electric Professional
>

概述 General

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

其采用高品质的环氧树脂制成，伞群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 Integral Deadbreak or vacuum Switch Bushing are designed for Cable Branch Cabinet with SF6 Switch. Separable connectors, such as 600A T and T-II deadbreak connectors can be used with these bushing.

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

质量保证 Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100% Test before delivery

定货编号说明 Inference Information



应用示例 Applications

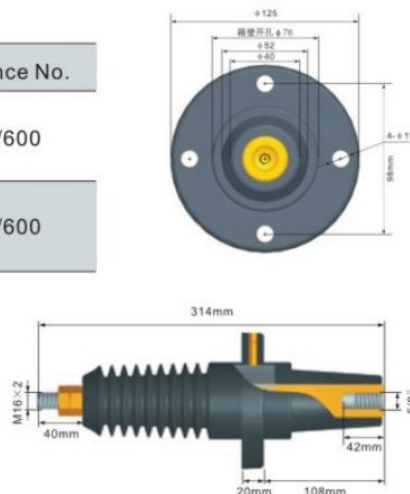


15kV/25kV 600AMP Integral Deadbreak Bushing

Key of Power
Electric Professional
>

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	JCTG-15/600
600A 25kV 美式一体式套管 600A 25kV Integral Deadbreak Bushing	JCTG-25/600



外形尺寸图Dimensions

电压特性Continuous voltage ratings

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

产品装箱参数 Package Information

- ◎1只/盒重量: 2.8kg 体积: 16cm×15cm×36cm
- ◎1pcs/box W/G:2.8kg Vol: 16cm×15cm×36cm



15kV/25kV 600AMP Class Bushing Extender

Key of Power
Electric Professional
>

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。

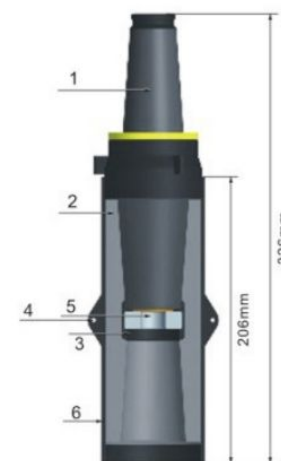
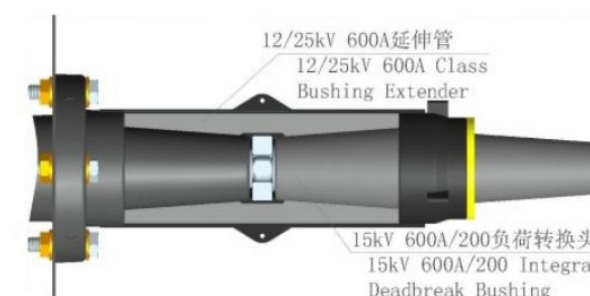
600A Class Bushing Extender allow installation on standard de-energized 600A deadbreak interfaces for coupling reducing tap plugs, connecting plugs and apparatus bushings. 200A Loadbreak interfaces for Elbow surge arrester and elbow connector. When assembled to mating apparats,it provides a completely.

产品构造 Product Structure

- 1、符合转换头: 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: 提供底线连接;
- 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IEEE592标准。

- 1、Class Bushing Extender:Pre-assembled into bushing extender when bushing adapter is ordered.
- 2、INSULAATION: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 TABS:Drain Wire Tabs provide convenient drain wire Tabs provide convenient drain wire connection points to the molded conductive shield and place the shield at ground potential.
- 5、Threaded Copper Insert:TO connect with the Loadbreak Reducing Tap Plug.
- 6、SEMI-CONDUCTING SHIELD:Molded Semi-conducting EPDM Shield meets the requirements of IEEE Standard 592TM.

应用示例 Applications

产品构造图
Illustrate Design Integrity

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100%Test before delivery

15kV/25kV 600AMP Class Bushing Extender

Key of Power
Electric Professional
>

订货信息Order Information

产品名称 Description	订货编号Reference No.
12kV 630A 延伸管 15kV 600A Class bushing extender	YCG-15/600
25kV 600A 延伸管 25kV 600A Class bushing extender	YCG-25/600

定货编号说明 Inference Information



标准包装Scope of Delivery

- | | |
|-----------------|--------------------------|
| 1、600A延伸管 | 1、Class bushing extender |
| 2、蓝色防尘帽（非绝缘保护帽） | 2、Covering Cap |
| 3、双头螺杆 | 3、Two head screw |
| 4、清洁纸 | 4、Clearing Paper |

产品装箱参数 Package Information

- ◎3只/盒重量: 2.72kg 体积: 24cm×30cm×10cm
 ◎3pcs/box W/G:2.72kg Vol: 16cm×15cm×36cm



15kV/25kV 600AMP Insulated Standoff Bushing

Key of Power
Electric Professional
>

概述General

单通壁挂为600A接头提供一个接口，主要用于箱变、环网开关柜、电缆分接箱。当接带电600A T型接头时可以隔离、分段带电电缆。

其材料为一种环氧树脂，具有良好的机械和电气性能。

The insulated standoff bushing 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 600A Loadbreak Accessories. A grounding lug is provided on the standoff bushing bracket for attachment of a drain wire to ensure deadfront construction. When mated with a comparably rated product, the insulated standoff bushing provides a fully-shielded, submersible, separable connector for energized operation.

The standard insulated standoff bushing has a stainless steel eyebolt with a brass pressure foot. The molded EPDM rubber body is bolted to a stainless steel base bracket using a galvanized steel holddown ring.



15kV 600A 单通壁挂
15kV 600A Insulated Standoff Bushing

应用示例Applications

15kV/25kV 600A单通壁挂
15kV/25kV 600A
Insulated Standoff
Bushing



15kV/25kV 600A
T型电缆接头
15kV/25kV 600A
T Deadbreak Connector

质量保证Quality Assurance

- | | |
|--------------------|-----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100% Test before delivery |

15kV/25kV 600AMP Insulated Standoff Bushing

Key of Power
Electric Professional
>

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	额定电流 Continuous Nominal current
15kV 600A 单通壁挂 Insulated Standoff Bushing	DBG-15/600	15	600A
25kV 600A 单通壁挂 Insulated Standoff Bushing	DBG-25/600	25	600A

定货编号说明Inference Information



标准包装Scope of Delivery

- | | |
|-----------|----------------------------------|
| 1、单通壁挂 | 1、Insulated standoff bushing |
| 2、不锈钢安装板 | 2、Stainless steel mounting plate |
| 3、防尘帽 | 3、Covering cap |
| 4、安装指导说明书 | 4、Installation instruction sheet |
| 5、产品合格证 | 5、Quality certificate |

产品装箱参数 Package Information

- ◎3只/盒重量: 3kg 体积: 15cm×25cm×30cm
- ◎3pcs/box W/G:3kg Vol: 15cm×25cm×30cm

15kV/25kV 600AMP Insulated Protective Cap

Key of Power
Electric Professional
>

概述General

15kV/25kV 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, 对于带电的接口提供防尘, 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/25kV/35kV 200A Insulated Protective Cap is an accessory device designed to electrically insulate and mechanically seal loadbreak bushing interfaces. When mated to a loadbreak 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 standoff bushing, junctions or insulated standoff bushing.

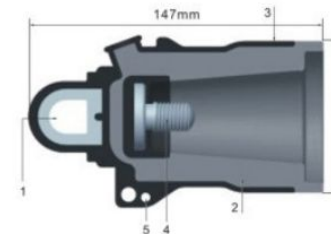


带接地线的标准绝缘帽
Insulated Protective Cap

产品构造 Product Structure

- 1、绝缘层: 特有配方和混合技术确保预制的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、操作环: 由不锈钢制成, 方便产品的安装与操作;
- 4、内螺纹: 内部螺纹为5/8"-11;
- 5、接地眼: 与外导电层一体的接地眼, 用于产品的接地。

- 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、PULLING EYE: Stainless steel reinforced for positive shotgun stick switching operations.
- 4、INTERNAL THREAD: Internal thread is 5/8"-11
- 5、GROUNDING EYE: Moulded into the external screen for connection of an earthing wire.



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

应用示例 Applications



质量保证Quality Assurance

- | | |
|--------------------|-----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100% Test before delivery |

15kV/25kV 600AMP Insulated Protective Cap

Key of Power
Electric Professional
>

订货信息Order Information

产品名称Description	订货编号Reference NO.
15kV 600A 绝缘帽Insulated Protective Cap	JYM-15/600
25kV 600A 绝缘帽Insulated Protective Cap	JYM-25/600

定货编号说明 Inference Information



标准包装Scope of Delivery

- | | |
|-------|----------------------------|
| 1、绝缘帽 | 1、Insulated protective cap |
| 2、清洁纸 | 2、Clearing paper |
| 3、硅脂 | 3、Silicone lubricant |

产品装箱参数 Package Information

- 3只/盒重量: 1.9kg 体积: 24cm×10cm×17.5cm
- 3pcs/box W/G:1.9kg Vol: 24cm×10cm×17.5cm

Key of Power
Electric Professional
>

35kV 630AMP 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。用于高压地下电缆接头设备，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。

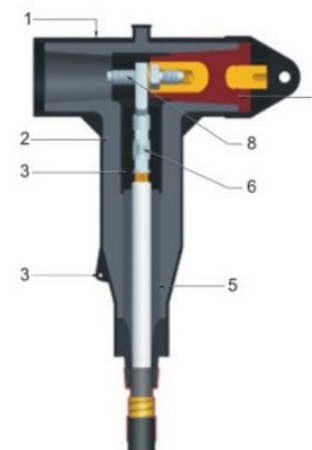
35kV 630A T Cable Connector provides a fully screened and fully submersible connection when mated with the proper bushing or plug. For connection of polymeric cable to transformers, switchgear, motors, and other equipment with a premoulded separable connector. Optional capacitive test point allows for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

These 35kV 630A T Cable Connector are made by EPDM with the good quality.

35kV T 型电缆接头
35kV T Cable Connector

产品构造 Product Structure

- 1、外半导电层：预制的EPDM导电橡胶符合IEEE592标准。
- 2、绝缘层：特有配方和混合技术确保预制EPDM绝缘橡胶的优质品质。
- 3、内半导电层：预制的EPDM导电橡胶有效控制和分散电气应力。
- 4、接地眼：预注的外半导电层中用于接地线的连接。
- 5、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。
- 6、压接端子：全铜或铜铝压接端子适用于铜或铝导体。
- 7、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。
- 8、双头螺栓：不锈钢螺栓确保导体和套管紧密配合。

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

- 1、SEMI-CONDUCTIVE SHIELD INSERT: Semi-conductive insert is molded of semi-conductive EPDM and controls electrical stresses at nose of mating loadbreak product.
- 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 INSERT: Moulded EPDM conducting rubber screen controls electrical stress.
- 4、GROUNDING EYE: Moulded into the external screen for connection of an earthing wire.
- 5、STRESS RELIEF: The configuration of the outer screen and the cable adapter provide cable stress relief.
- 6、CONDUCTOR CABLE LUG: Aluminum compression connector is sized to ensure a cool running connector with maximum current transfer.
- 7、INSULATING PLUG: Molded epoxy insulating plug provides excellent electrical, thermal and mechanical reliability.
- 8、TWO HEAD SCREW: To make sure have a good contact with the apparatus bushing.

质量保证Quality Assurance

- | | |
|--------------------|----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100%Test before delivery |

35kV 630AMP T Cable Connector

Key of Power
Electric Professional
>

电气性能 Ratings Overview

电流特征 Current Rating	A
额定电流 Continuous nominal current	630A
24小时过负荷24 hours overload	1000A
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	630A
最大相间电压 Maximum Rating Phase-to-phase	1000A
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

图二：外形尺寸图
Figure 2: Dimensions

定货编号说明 Inference Information



应用示例 Applications



35kV 630AMP T Cable Connector

Key of Power
Electric Professional
>

订货信息 Order Information

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(mm²) Conductor cross section(mm²)	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
TT 35/630-50	50	29.5-33.1	26/35	A
TT 35/630-70	70	32.5-35.4	26/35	B
TT 35/630-95	95	34.4-38.6	26/35	C
TT 35/630-120	120	34.4-38.6	26/35	C
TT 35/630-150	150	37.7-40.5	26/35	D
TT 35/630-185	185	38.9-41.7	26/35	E
TT 35/630-240	240	40.0-42.8	26/35	F
TT 35/630-300	300	42.3-45.3	26/35	G
TT 35/630-400	400	44.6-47.9	26/35	H
TT 35/630-500	500	46.9-50.0	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.

标准包装 Scope of Delivery

- | | | | |
|----------------|--------|-----------------------|----------------------|
| 1、T型电缆接头本体 | 6、双头螺栓 | 1、T Cable connector | 6、Two-head Screw |
| 2、绝缘子 (含半导体封帽) | 7、清洁纸 | 2、Insulator | 7、Clearing Paper |
| 3、压接端子 | 8、硅脂 | 3、Conductor cable lug | 8、Silicone Lubricant |
| 4、护帽 | | 4、Covering cap | |
| 5、应力锥 | | 5、Adaptor | |

产品装箱参数 Package Information

- ◎1只/盒重量: 11.62kg 体积: 35cm×31cm×37cm
- ◎1pcs/box W/G:11.628kg Vol: 35cm×31cm×37cm



12/24kV 630AMP Shielded End-Connector

Key of Power
Electric Professional
>

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 T 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Performance

当12/24KV 630A 欧式后接头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。

T Back connector provides a fully screened and fully submersible separable connection when mated with the proper bushing or plug. It 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. For mounting can be vertical, horizontal, or any angle in between.

质量保证Quality Assurance

- 1、通过质量检验测试中心检测
- 2、通过ISO 9000产品质量体系
- 3、100%通过出厂检验测试
- 1、Certificated Quality inspection center
- 2、Certificated by ISO 9000
- 3、100% Test before delivery



定货编号说明Inference Information



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

12/24kV 630AMP Shielded End-Connector

Key of Power
Electric Professional
>

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、电容测试点：电容测试点用于测试线路是否带电。
- 5、测试点盖：预制的EPDM导电测试点盖保护测试点并在正常运行中将其接地。
- 6、内半导电层：预制的EPDM导电橡胶有效的控制电气应力。
- 7、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。
- 8、接地眼：预注到外屏蔽中用于接地线的链接。
- 9、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。
- 10、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: Molded epoxy insulating plug provides excellent electrical, thermal and mechanical reliability.
- 4、TEST POINT (OPTIONAL): Corrosion-resistant, conductive electrode provides consistent capacitive voltage for application of fault indicators and determining a circuit's state.
- 5、TEST POINT COVER: Amoulded EPDM conducting rubber cap provides a watertight seal and check circuit status.
- 6、SEMI-CONDUCTIVE INSERT: Moulded EPDM conducting rubber screen controls electrical stress.
- 7、STRESS RELIEF: The configuration of the other screen and the cable adapter provide cable stress relief.
- 8、GROUNDING EYE: Moulded into the external EPDM 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: Aluminum compression connector is sized to ensure a cool running connector with maximum current transfer.

安装 Installation

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

电压特性 Ratings Overview

项目 Item	15kV参数	24kV参数
额定电压 Continuous operating voltage	8.7kV/15 kV	12/20kV 17/20KV
工频耐压 AC withstand voltage	45 kV /1min	55 kV /5min
直流耐压 DC withstand voltage	53 kV /15min	78 kV /15min
雷电冲击耐压 1.5/50μs Impulse withstand voltage	95 kV	125 kV
局部放电电压 <10PC Partial discharge voltage	15KV	20KV

电流特性 Current voltage ratings

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

12/24kV 630AMP Shielded End-Connector

Key of Power
Electric Professional
>

订货信息Order Information

12kV订货信息12kV Order Information

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(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
JBK 12/630-25	25	16.3-23.1	8.7/15	A
JBK 12/630-35	35	16.3-23.1	8.7/15	A
JBK 12/630-50	50	18.3-21.5	8.7/15	B
JBK 12/630-70	70	19.9-24.6	8.7/15	C
JBK 12/630-95	95	19.9-24.6	8.7/15	C
JBK 12/630-120	120	23.1-27.1	8.7/15	D
JBK 12/630-150	150	23.1-27.1	8.7/15	D
JBK 12/630-185	185	24.9-29.0	8.7/15	E
JBK 12/630-240	240	27.4-32.5	8.7/15	F
JBK 12/630-300	300	27.4-32.5	8.7/15	F
JBK 12/630-400	400	31.0-36.1	8.7/15	G
JBK 12/630-500	500	34.5-39.1	8.7/15	H

24kV 订货信息24kV Order Information

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(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
JBK 24/630-35	35	18.3-21.5	12/20	B
JBK 24/630-50	50	19.9-24.6	12/20	C
JBK 24/630-70	70	19.9-24.6	12/20	C
JBK 24/630-95	95	23.1-27.1	12/20	D
JBK 24/630-120	120	23.1-27.1	12/20	D
JBK 24/630-150	150	24.9-29.0	12/20	E
JBK 24/630-185	185	27.4-32.5	12/20	F
JBK 24/630-240	240	27.4-32.5	12/20	F
JBK 24/630-300	300	31.0-36.1	12/20	G
JBK 24/630-400	400	34.5-37.6	12/20	H

Key of Power
Electric Professional
>

12/24kV 630AMP Shielded End-Connector

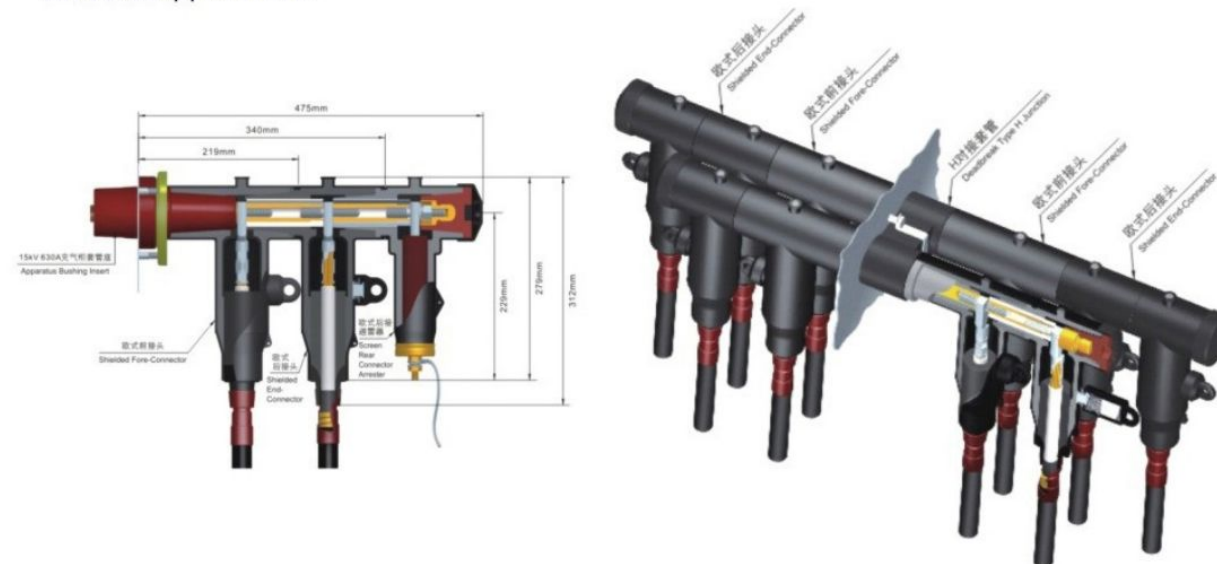
24kV 订货信息24kV Order Information

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(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
JBK 24/630-50	50	23.1-27.1	18/20	D
JBK 24/630-70	70	24.9-29	18/20	E
JBK 24/630-95	95	27.4-32.5	18/20	F
JBK 24/630-120	120	27.4-32.5	18/20	F
JBK 24/630-150	150	31.0-36.1	18/20	G
JBK 24/630-185	185	31.0-36.1	18/20	G
JBK 24/630-240	240	34.5-39.6	18/20	H
JBK 24/630-300	300	34.5-39.6	18/20	H

注：如有特殊安装需要，请与我司联系

NOTE: Any other special requirement, please contact our sales engineer.

应用示例Applications

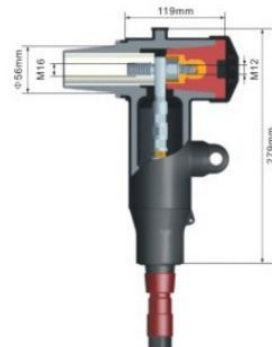


12/24kV 630AMP Shielded End-Connector

Key of Power
Electric Professional

标准包装Scope of Delivery

- | | |
|---------------|-----------------------|
| 1、欧式后接头 | 1、T Fore connector |
| 2、防尘帽（非绝缘保护帽） | 2、Covering cap |
| 3、应力锥 | 3、Adaptor |
| 4、压接端子 | 4、Conductor cable lug |
| 5、连接铜棒 | 5、Connect lug |
| 6、双头螺栓 | 6、Two-head Screw |
| 7、硅脂 | 7、Silicone Lubricant |
| 8、清洁纸 | 8、Clearing Paper |

图二：外形尺寸图
Figure 2: Dimension

产品装箱参数 Package Information

- ◎3只/盒重量: 6.08kg 体积: 30cm×25cm×22.5cm
- ◎3pcs/box W/G:6.084kg Vol: 30cm×25cm×23cm



12/24kV 630AMP Shielded T Fore-Connector

Key of Power
Electric Professional

概述General

12/24kV 630A 欧式前接头通过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）

12/24kV 630A Shielded T Fore Connector is for connection of polymeric cable to transformers, switchgear, motors and other equipment with a premoulded separable connector. For indoor and outdoor installations. The system voltage up to 36kV and continuous current is 630A (900A overload for 8 hours).



性能Performance

当12/24KV 630A 欧式前接头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。

Shielded T Fore-Connector provides a fully screened and fully submersible separable connection when mated with the proper bushing or plug. It 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. For mounting can be vertical, horizontal, or any angle in between.

质量保证Quality Assurance

- 1、通过质量检验测试中心检测
- 2、通过ISO 9000产品质量体系
- 3、100%通过出厂检验测试
- 1、Certificated Quality inspection center
- 2、Certificated by ISO 9000
- 3、100% Test before delivery



定货编号说明Inference Information

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

12/24kV 630AMP Shielded T Fore-Connector

Key of Power
Electric Professional
>

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、电容测试点：电容测试点用于测试线路是否带电。
- 5、测试点盖：预制的EPDM导电测试点盖保护测试点并在正常运行中将其接地。
- 6、内半导电层：预制的EPDM导电橡胶有效的控制电气应力。
- 7、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。
- 8、接地眼：预注到外屏蔽中用于接地线的链接。
- 9、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。
- 10、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: Molded epoxy insulating plug provides excellent electrical, thermal and mechanical reliability.
- 4、TEST POINT(OPTIONAL):Corrosion-resistant, conductive electrode provides consistent capacitive voltage for application of fault indicators and determining a circuit's state.
- 5、TEST POINT COVER: Amoulded EPDM conducting rubber cap provides a watertight seal and check circuit status.
- 6、SEMI-CONDUCTIVE INSERT:Moulded EPDM conducting rubber screen controls electrical stress.
- 7、STRESS RELIEF:The configuration of the other screen and the cable adapter provide cable stress relief.
- 8、GROUNDING EYE:Moulded into the external EPDM exeternal 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: Aluminum compression connector is sized to ensure a cool running connector with maximum current transfer.

安装 Installation

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

电压特性Ratings Overview

项目 Item	15kV参数	24kV参数
额定电压 Continuous operating voltage	8.7kV/15 kV	12/20kV 17/20KV
工频耐压 AC withstand voltage	45 kV /1min	55 kV /5min
直流耐压 DC withstand voltage	53 kV /15min	78 kV /15min
雷电冲击耐压 1.5/50μs Impulse withstand voltage	95 kV	125 kV
局部放电电压<10PC Partial discharge voltage	15KV	20KV

电流特性Current voltage ratings

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

12/24kV 630AMP Shielded T Fore-Connector

Key of Power
Electric Professional
>

订货信息Order Information

12kV订货信息12kV Order Information

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(mm²) Conductor cross section(mm²)	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
JB 12/630-25	25	16.3-23.1	8.7/15	A
JB 12/630-35	35	16.3-23.1	8.7/15	A
JB 12/630-50	50	18.3-21.5	8.7/15	B
JB 12/630-70	70	19.9-24.6	8.7/15	C
JB 12/630-95	95	19.9-24.6	8.7/15	C
JB 12/630-120	120	23.1-27.1	8.7/15	D
JB 12/630-150	150	23.1-27.1	8.7/15	D
JB 12/630-185	185	24.9-29.0	8.7/15	E
JB 12/630-240	240	27.4-32.5	8.7/15	F
JB 12/630-300	300	27.4-32.5	8.7/15	F
JB 12/630-400	400	31.0-36.1	8.7/15	G
JB 12/630-500	500	34.5-39.1	8.7/15	H

24kV订货信息12kV Order Information

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(mm²) Conductor cross section(mm²)	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
TC JB 24/630-35	35	18.3-21.5	12/20	B
TC JB 24/630-50	50	19.9-24.6	12/20	C
TC JB 24/630-70	70	19.9-24.6	12/20	C
TC JB 24/630-95	95	23.1-27.1	12/20	D
TC JB 24/630-120	120	23.1-27.1	12/20	D
TC JB 24/630-150	150	24.9-29.0	12/20	E
TC JB 24/630-185	185	27.4-32.5	12/20	F
TC JB 24/630-240	240	27.4-32.5	12/20	F
TC JB 24/630-300	300	31.0-36.1	12/20	G
TC JB 24/630-400	400	34.5-37.6	12/20	H

12/24kV 630AMP Shielded T Fore-Connector

Key of Power
Electric Professional
>

24kV 订货信息 24kV Order Information

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(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
JB 24/630-50	50	23.1-27.1	18/20	D
JB 24/630-70	70	24.9-29	18/20	E
JB 24/630-95	95	27.4-32.5	18/20	F
JB 24/630-120	120	27.4-32.5	18/20	F
JB 24/630-150	150	31.0-36.1	18/20	G
JB 24/630-185	185	31.0-36.1	18/20	G
JB 24/630-240	240	34.5-39.6	18/20	H
JB 24/630-300	300	34.5-39.6	18/20	H

注：如有特殊安装需要，请与我司联系

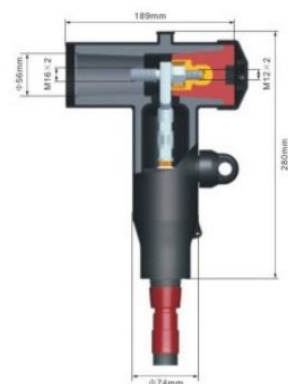
NOTE: Any other special requirement, please contact our sales engineer.

应用示例 Applications

充气式户外环网柜
Inflatable outdoor RMU

标准包装 Scope of Delivery

- | | |
|-----------------|-----------------------|
| 1、欧式前接头 | 1、T Fore connector |
| 2、绝缘子 (含半导体电封帽) | 2、Insulator |
| 3、防尘帽 (非绝缘保护帽) | 3、Covering cap |
| 4、应力锥 | 4、Adaptor |
| 5、压接端子 | 5、Conductor cable lug |
| 6、双头螺栓 | 6、Two-head Screw |
| 7、内六角套筒 | 7、Installation |
| 8、硅脂 | 8、Silicone Lubricant |
| 9、清洁纸 | 9、Clearing Paper |

图二：外形尺寸图
Figure 2: Dimension

12/24kV 630AMP Shielded T Fore-Connector

Key of Power
Electric Professional
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产品装箱参数 Package Information

◎3只/盒重量: 5.64kg 体积: 30cm×25cm×22.5cm

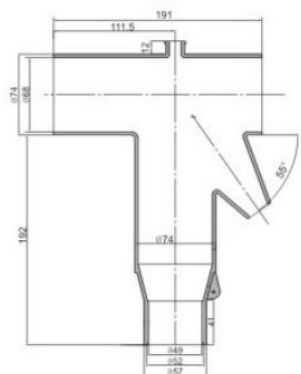
◎3pcs/box W/G: 5.64kg Vol: 30cm×25cm×22.5cm



20kV 630AMP π Type Tangible Fore/Back Connector



20kV 630A π 型可触摸前/后接头
20kV 630A π Type tangible
Fore/Back Connector



外形尺寸图 Dimensions



避雷器
Lightning Arrester

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环网系统，作为进出线电缆连接。可连接630A母排线，亦可通过连接而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。

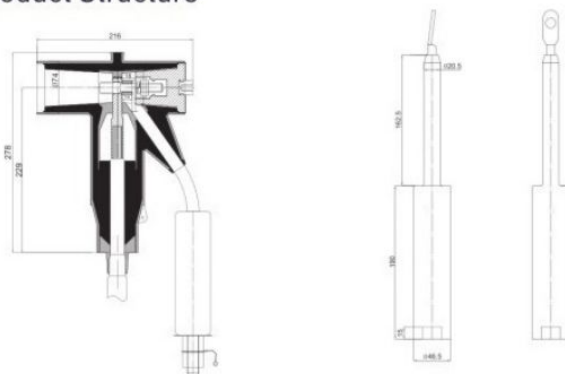
Πtype tanible connector is used in ring network before the ark, cable branch of the box or box become main system ring net system,as the in and out cable connections. Can be connected to 630A junction and through after shall touch joint combination to creating more connected circuit.

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

质量保证Quality Assurance

- | | |
|--------------------|----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100%Test before delivery |

产品构造 Product Structure



外形尺寸图 Dimensions

标准包装Scope of Delivery

- | | | |
|----------------|----------------------------------|-----------------------------------|
| 1、Π型可触摸前接头 | 1、Π Type Tangible Fore Connector | (1)Π 型可触摸后接头 |
| 2、绝缘子(含半导体电封帽) | 2、Insulator | (2)连接铜棒 |
| 3、内六角套筒 | 3、Installation | (3)压接端子 |
| 4、双头螺栓 | 4、Two-head Screw | (4)双头螺栓 |
| 5、压接端子 | 5、Conductor cable lug | (5)硅脂 |
| 6、应力锥 | 6、Adaptor | (6)清洁纸 |
| 7、硅脂 | 7、Silicone Lubricant | |
| 8、清洁纸 | 8、Clearing Paper | (1)Π Type Tangible Back Connector |
| | | (2)connect lug |
| | | (3)conductor cable lug |
| | | (4)Installation |
| | | (5)Silicone Lubricant |
| | | (6)Clearing Paper |
| | | (7)Installation Instruction Sheet |
| | | (8)Quality Certificate |

20kV 630AMP π Type Tangible Fore/Back Connector

订货信息Order Information

12kV订货信息12kV Order Information

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(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
π QJT 10/630-25	25	16.3-23.1	8.7/15	A
π QJT 10/630-35	35	16.3-23.1	8.7/15	A
π QJT 10/630-50	50	18.3-21.5	8.7/15	B
π QJT 10/630-70	70	19.9-24.6	8.7/15	C
π QJT 10/630-95	95	19.9-24.6	8.7/15	C
π QJT 10/630-120	120	23.1-27.1	8.7/15	D
π QJT 10/630-150	150	23.1-27.1	8.7/15	D
π QJT 10/630-185	185	24.9-29.0	8.7/15	E
π QJT 10/630-240	240	27.4-32.5	8.7/15	F
π QJT 10/630-300	300	27.4-32.5	8.7/15	F
π QJT 10/630-400	400	31.0-36.1	8.7/15	G
π QJT 10/630-500	500	34.5-39.1	8.7/15	H

24kV 订货信息 24kV Order Information

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(mm²) Conductor cross section(mm²)	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
π QJT 24/630-35	35	18.3-21.5	12/20	B
π QJT 24/630-50	50	19.9-24.6	12/20	C
π QJT 24/630-70	70	19.9-24.6	12/20	C
π QJT 24/630-95	95	23.1-27.1	12/20	D
π QJT 24/630-120	120	23.1-27.1	12/20	D
π QJT 24/630-150	150	24.9-29.0	12/20	E
π QJT 24/630-185	185	27.4-32.5	12/20	F
π QJT 24/630-240	240	27.4-32.5	12/20	F
π QJT 24/630-300	300	31.0-36.1	12/20	G
π QJT 24/630-400	400	34.5-37.6	12/20	H

24kV 订货信息24kV Order Information

产品型号 Reference NO.	多股线芯绞成同心的 电缆截面(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
π QJT 24/630-50	50	23.1-27.1	18/20	D
π QJT 24/630-70	70	24.9-29	18/20	E
π QJT 24/630-95	95	27.4-32.5	18/20	F
π QJT 24/630-120	120	27.4-32.5	18/20	F
π QJT 24/630-150	150	31.0-36.1	18/20	G
π QJT 24/630-185	185	31.0-36.1	18/20	G
π QJT 24/630-240	240	34.5-39.6	18/20	H
π QJT 24/630-300	300	34.5-39.6	18/20	H

注：如有特殊安装需要，请与我司联系

NOTE: Any other special requirement, please contact our sales engineer.

20kV 630AMP π Type Tangible Fore/Back Connector

Key of Power
Electric Professional

产品装箱参数 Package Information

3只/盒重量: 5.64kg 体积: 30cm×25cm×22.5cm

3pcs/box W/G:5.64kg Vol: 30cm×25cm×22.5cm



12kV 630AMP Integral Deadbreak Bushing

Key of Power
Electric Professional

概述General

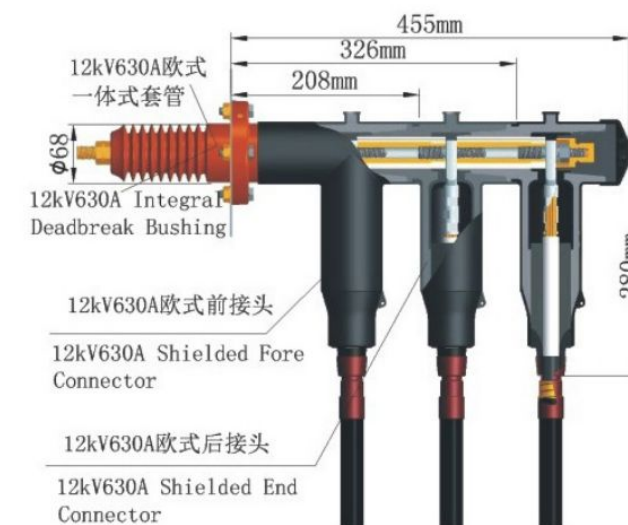
12kV 630A一体式套管应用于带SF6负荷开关分支箱上与欧式630A电缆接头连接。其采用高品质的环氧树脂制成，伞群结构的设计增加了爬电距离，提高了设备的电气性能，使电气安全性大为提高。

12kV 630A Integral Deadbreak Bushing are designed for Cable Branch Cabinet with SF6 Switch. Separable connectors, such as 630A T and T-II deadbreak connectors can be used with these bushing. These bushing are made by Epoxy Resin. With the skirt make the Deadbreak Rotatable Feedthru Bushing can be used better.



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

应用示例 Applications



质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试

- 1、Certificated by ISO 9000
- 2、100% Test before delivery

订货信息Order Information

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

12kV 630AMP Integral Deadbreak Bushing

Key of Power
Electric Professional
>

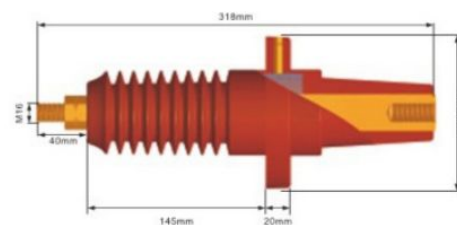
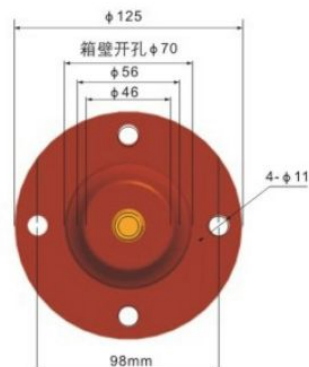
定货编号说明 Inference Information

JCTG - 12 / 630

额定电流 Continuous Nominal Current

额定电压 Continuous Operating Voltage

一体式套管 Integral Deadbreak Bushing



外形尺寸图
Dimensions

标准包装Scope of Delivery

- 1、美式一体套管本体
 - 2、黑色防尘帽（非绝缘保护帽）
- 1、Integral Deadbreak Bushing
2、Covering Cap

产品装箱参数 Package Information

- ◎1只/盒重量: 8.7kg 体积: 16cm×15cm×36cm
- ◎1pcs/box W/G:8.7kg Vol: 16cm×15cm×36cm



12/24kV 630AMP Deadbreak Type H Junction

Key of Power
Electric Professional
>

概述General

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。

15kV 630A Deadbreak 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.

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
 - 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
2、100% Test before delivery

定货编号说明Inference Information

HDJT - □ / 630

额定电流 Continuous Nominal Current

额定电压 Continuous Operating Voltage

H型对接套管 Deadbrak Type H Junction



大H型对接套管
Deadbreak Type H Junction



小H型对接套管
Deadbreak Type h Junction

应用示例Applications



12/24kV 630AMP Deadbreak Type H Junction

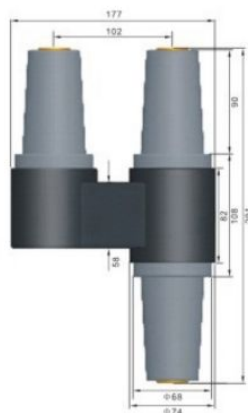
Key of Power
Electric Professional
>

电压特性Ratings Overview

项目 Item	15kV参数	24kV参数
额定电压 Continuous operating voltage	8.7kV/15 kV	12/20kV 17/20KV
工频耐压 AC withstand voltage	45 kV /1min	55 kV /5min
直流耐压 DC withstand voltage	53 kV /15min	78 kV /15min
雷电冲击耐压 1.5/50μsImpulse withstand voltage	95 kV	125kV
局部放电电压<10PCPartial discharge voltage	15kV	20kV

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	HDJT-□/630
15kV 630A H型对接套管 15kV 630A Deadbreak Type H Junction	HDJT-□/630



外形尺寸图Dimensions

标准包装Scope of Delivery

- | | |
|---------------|-----------------------------|
| 1、H型对接套管本体 | 1、Deadbreak Type H Junction |
| 2、防尘帽（非绝缘保护帽） | 2、Covering Cap |

产品装箱参数 Package Information

- 大H 3只/盒重量: 15.9kg 体积: 24cm×30cm×9cm
- 小h 3只/盒重量: 8.4kg 体积: 24cm×30cm×9cm
- 大H 3pcs/box W/G:15.9g Vol: 24cm×30cm×9cm
- 小h 3pcs/box W/G:8.4g Vol: 24cm×30cm×9cm



12/24/36kV 630AMP Deadbreak Type Junction

Key of Power
Electric Professional
>

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 Deadbreak 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.

质量保证Quality Assurance

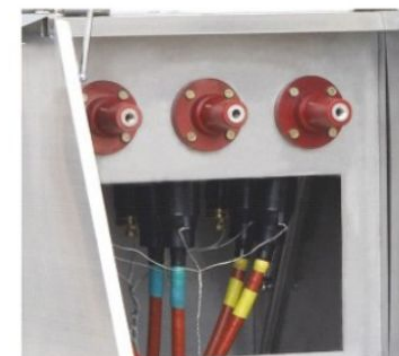
- | | |
|--------------------|----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100%Test before delivery |



电压特性Ratings Overview

项目 Item	15kV参数	24kV参数	35kV参数
额定电压 Continuous operating voltage	8.7kV/15 kV	12/20kV 17/20KV	26kV/35KV
工频耐压 AC withstand voltage	45 kV /1min	55 kV /5min	117 kV /5min
直流耐压 DC withstand voltage	53 kV /15min	78 kV /15min	104 kV
雷电冲击耐压 1.5/50μsImpulse withstand voltage	95 kV	125 kV	215 kV
局部放电电压<10PC Partial discharge voltage	15KV	20KV	45KV

应用示例Applications



12/24/36kV 630AMP Deadbreak Type Junction

Key of Power
Electric Professional
>

A 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	DJTG-12/630
24kV 630A 欧式对接套管 24kV 630A Deadbreak Type Junction	DJTG-24/630
36kV 630A 欧式对接套管 36kV 630A Deadbreak Type Junction	DJTG-36/630

定货编号说明Inference Information

DJTG - □ / 630

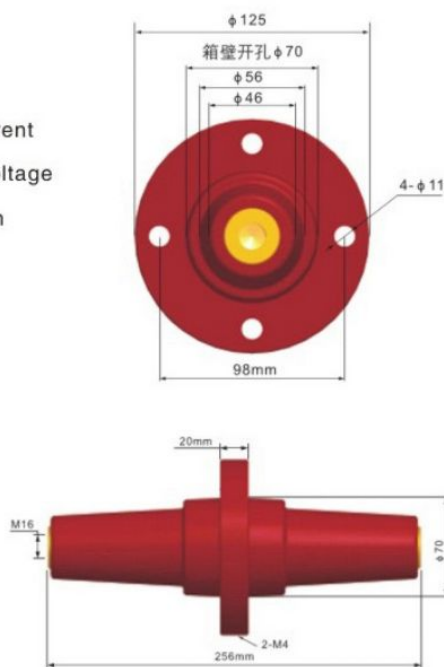
额定电流 Continuous Nominal Current
额定电压 Continuous Operating Voltage
对接套管 Deadbreak Type Junction

标准包装Scope of Delivery

- 1、对接套管
- 2、防尘帽
- 1、Deadbreak Type Junction
- 2、Covering cap

产品装箱参数 Package Information

- ◎3只/盒重量: 7.3kg 体积: 29cm×15cm×42cm
◎3pcs/box W/G:7.3kg Vol: 29cm×15cm×42cm



外形尺寸图Dimension

12/24kV 630AMP Apparatus Bushing Insert

Key of Power
Electric Professional
>

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 Bushings 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 deadbreak cable connector.

These bushing are molded using high quality sulfur-cured insulating of Epoxy Resin Rubber.

应用示例Applications

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

定货编号说明Inference Information

DTGZ - □ / 630

额定电流 Continuous Nominal Current
额定电压 Continuous Operating Voltage
单通套管座 Apparatus Bushings Insert

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100% Test before delivery

12/24kV 630AMP Apparatus Bushing Insert

Key of Power
Electric Professional
>

A 订货信息Order Information

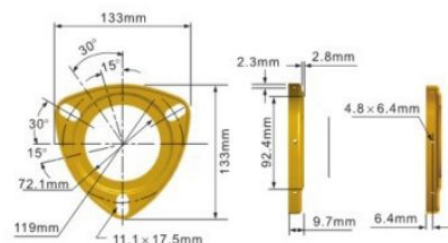
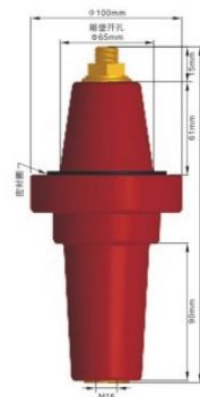
产品名称Description	订货编号Reference No.
15kV 630A 单通套管座 12kV 630A Apparatus Bushings Insert	DTGZ-12/630
24kV 630A 单通套管座 24kV 630A Apparatus Bushings Insert	DTGZ-24/630

标准包装Scope of Delivery

- | | |
|---------------|-----------------------------|
| 1、单通套管座 | 1、Apparatus Bushings Insert |
| 2、安装法兰 | 2、Flange |
| 3、密封耐油垫圈 | 3、Gasket |
| 4、防尘帽（非绝缘保护帽） | 4、Covering cap |

产品装箱参数 Package Information

- ◎3只/盒重量: 6.1kg 体积: 16cm×29cm×42cm
- ◎3pcs/box W/G:6.1kg Vol: 16cm×29cm×42cm



外形尺寸图Dimensions

Key of Power
Electric Professional
>

12/24kV 630AMP Deadbreak Rotatable Feedthru Bushings

概述Genera

630A 双通套管座, 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 Deadbreak Rotatable Feedthru BUushing 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 deadbreak cable connector.

These bushing are molded using hig quality sulfur-cured insulating of Epoxy Resin Rubber.

12/24kV 630A 双通套管座
Deadbreak Rotatable
Feedthru BUushing

应用示例Applications



质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100%Test before delivery

12/24kV 630AMP Deadbreak Rotatable Feedthru Bushings

Key of Power
Electric Professional
>

订货信息Order Information

产品名称Description	订货编号Reference No.
15kV 630A 双通套管座 12kV 630A Deadbreak Rotatable Feedthru BUushing	STGZ-12/630
24kV 630A 双通套管座 24kV 630A Deadbreak Rotatable Feedthru BUushing	STGZ-24/630

定货编号说明Inference Information

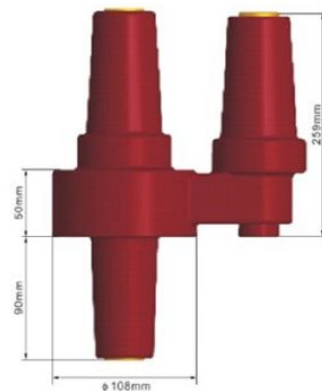


标准包装Scope of Delivery

- 1、套管座
- 2、安装指导说明书
- 3、产品合格证
- 1、Deadbreak rotatable feedthru bushing
- 2、Installation instruction sheet
- 3、Qualtiy certificate

产品装箱参数 Package Information

- ◎3只/盒重量: 13.5kg 体积: 36cm×16cm×12cm
- ◎3pcs/box W/G:13.5kg Vol: 36cm×16cm×12cm

外形尺寸图
Dimensions

12/24kV 630AMP Air Bushing

Key of Power
Electric Professional
>

概述General

12/24kV 630A充气柜套管座, 为630A电缆接头提供接口, 主要用于户外环网柜开关柜等设备。安装在充气柜上, 连接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。

12/24kV 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 voltafe. Installed in inflatable lockers to connect Type 630A connector for 630A. These bushings can connect with the deadbreak cable connector.

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

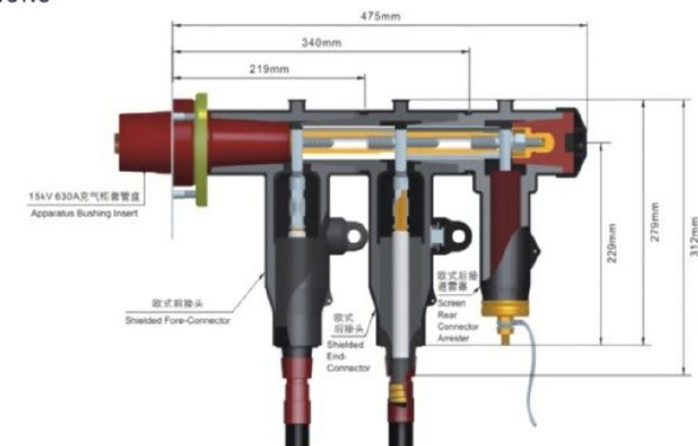
质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 1、Certificated by ISO 9000
- 2、100%通过出厂检验测试
- 2、100% Test before delivery

电压特性Ratings Overview

项目 Item	15kV参数	15kV参数
额定电压 Continuous operating voltage	8.7kV/15 kV	8.7kV/15 kV
工频耐压 AC withstand voltage	45 kV /1min	45 kV /1min
直流耐压 DC withstand voltage	53 kV /15min	53 kV /15min
雷电冲击耐压 1.5/50μs Impulse withstand voltage	95 kV	95 kV
局部放电电压<10PC Partial discharge voltage	15KV	15KV

应用示例Applications



12/24kV 630AMP Air Bushing

Key of Power
Electric Professional
>

订货信息Order Information

产品名称Description	订货编号Reference No.
12kV 630A 充气柜套管座Air Bushing	TGZ-12/630
24kV 630A 充气柜套管座Air Bushing	TGZ-24/630

定货编号说明Inference Information

TGZ - □ / 630

额定电流 Continuous Nominal Current

额定电压 Continuous Operating Voltage

充气柜套管座 Air Bushing

标准包装Scope of Delivery

- | | |
|----------|--------------------------|
| 1、充气柜套管座 | 1、Air bushing |
| 2、密封圈 | 2、sealing ring |
| 3、安装法兰 | 3、Flange |
| 4、定位柱 | 4、locating mast |
| 5、压板螺母 | 5、nut for pressing plate |
| 6、防尘帽 | 6、Covering cap |

产品装箱参数 Package Information

◎3只/盒重量: 10.5kg 体积: 42cm×28cm×15cm

◎3pcs/box W/G:10.5kg Vol: 42cm×28cm×15cm



外形尺寸图Dimension

35kV 630AMP Apparatus Bushing

Key of Power
Electric Professional
>

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 deadbreak cable connector.

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

电压特性Ratings Overview

主要参数Description 参数需要核对	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DC 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

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

电流特性Current Rating

电流特征Current Rating 参数需要核对	A
额定电流Continuous nominal current	600A
24小时过负荷24 hours overload	40.5
短时耐受电流Dynamic short circuit	27kA/4s
	40kA/0.2s

欧式35kV套管座压板
35kV 630A
Bushing Gasket

质量保证Quality Assurance

- | | |
|--------------------|----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100%Test before delivery |

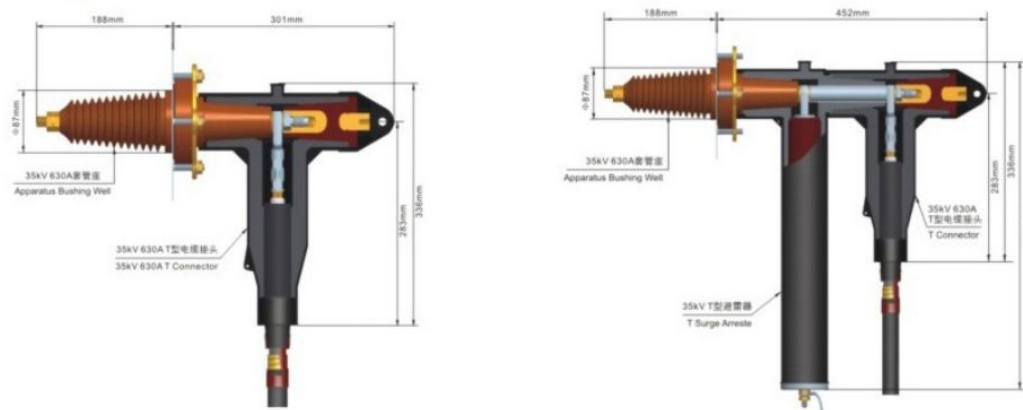
订货信息Order Information

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

35kV 630AMP Apparatus Bushing

Key of Power
Electric Professional
>

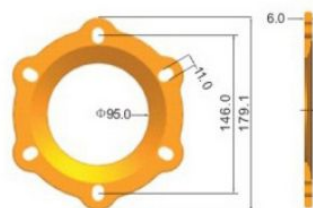
应用示例Applications



定货编号说明Inference Information

TGZS - 35 / 630

额定电流 Continuous Nominal Current
额定电压 Continuous Operating Voltage
套管座 Apparatus Bushing

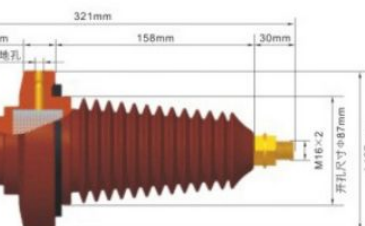


标准包装Scope of Delivery

- 1、套管座 1、Deadbreak rotatable feedthru bushing
- 2、安装法兰 2、Flange

产品装箱参数 Package Information

- ◎1只/盒重量: 5.4kg 体积: 29cm×42cm×15cm
◎1pcs/box W/G:5.4kg Vol: 29cm×42cm×15cm



外形尺寸图 Dimensions

35kV 630AMP Bushing Well

Key of Power
Electric Professional
>

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 660A 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 deadbreak cable connector.

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

35kV 630A 套管座
35kV 630A Bushing Well

电压特性Ratings Overview

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DC 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	630A
24小时过负荷24 hours overload	40.5
短时耐受电流Dynamic short circuit	27kA/4s
	40kA/0.2s

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100%Test before delivery

35kV 630AMP Bushing Well

Key of Power
Electric Professional
>

应用示例Applications



订货信息Order Information

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

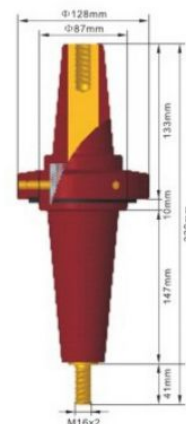
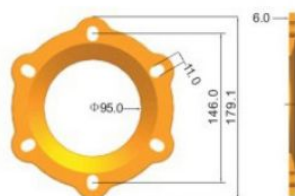
定货编号说明Inference Information

TGZ - 35 / 630

额定电流 Continuous Nominal Current

额定电压 Continuous Operating Voltage

套管座 Bushing Well

外形尺寸图
Dimensions

标准包装Scope of Delivery

- | | |
|---------------|--|
| 1、套管座 | 1、Deadbreak rotatable feedthru bushing |
| 2、防尘帽（非绝缘保护帽） | 2、Covering Cap |

产品装箱参数 Package Information

- ◎1只/盒重量: 3.56kg 体积: 16cm×15cm×36cm
- ◎1pcs/box W/G:3.56kg Vol: 16cm×15cm×36cm

15kV 630AMP Busbar Connector

Key of Power
Electric Professional
>

概述General

KJQ-D/S-15/630母线跨接器主要用于共箱式/固体式/带SF6开关的开关柜/环网柜的高压电气并柜连接；最小中心距离为320mm,最大可以800mm,运行电压15kV，标准额定电流630A。

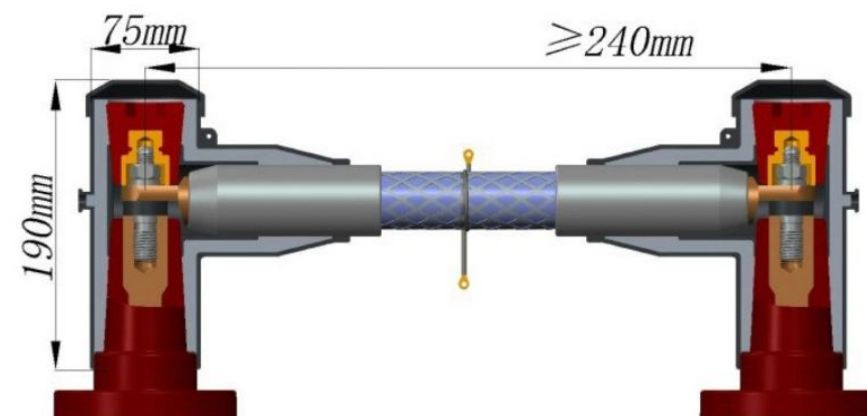
KJQ-D/S-15/630 busbar connector use for cabinet combination of common phase common type/solid type/switch cabinet with SF6/RMU.The minimum center distance is 320mm, maximum is 800mm.The operating voltage is 15kV and rated current is 630A.

警告 WARNING

- 1、安装前必须断电。
- 2、安装时须保持产品表面清洁，无杂及水分（很重要），否则会造成设备烧毁事故。
- 1、All associated apparatus must be de-energized during installation.
- 2、Please check the surface of connector dry and clean before installation.

质量保证Quality Assurance

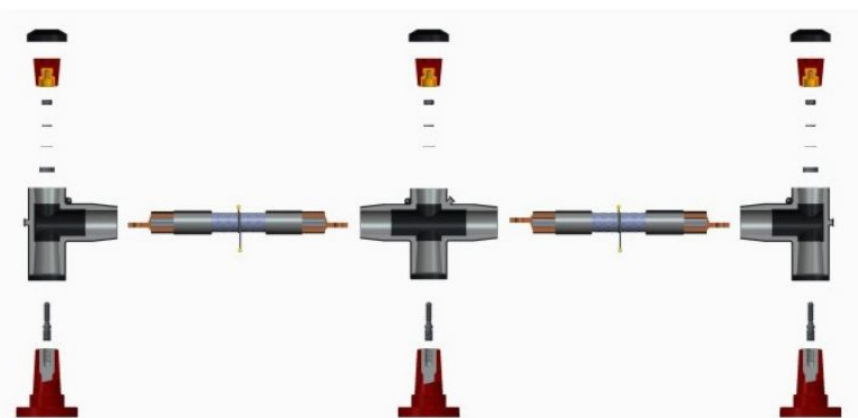
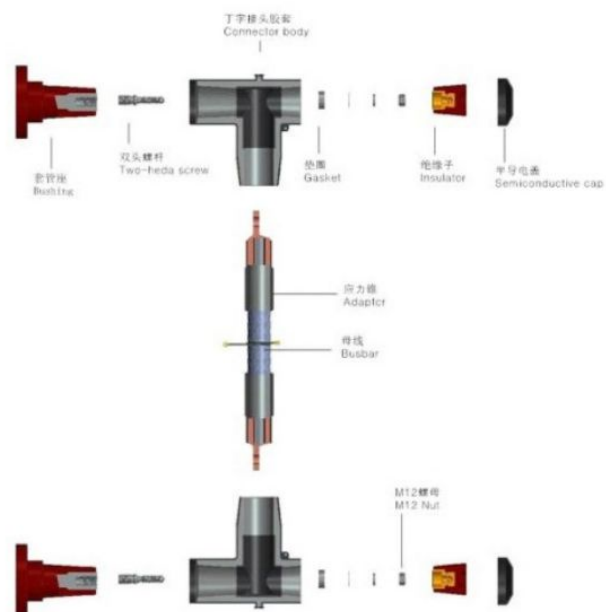
- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100% Test before delivery

外形尺寸图
Figure 2:Dimension

15kV 630AMP Busbar Connector

Key of Power
Electric Professional
>

应用示例Applications



标准包装Scope of Delivery

- | | | | |
|---------------|--------|---------------------------|-----------------------|
| 1、丁字接头胶套 | 8、3M胶带 | 1、Connector body | 8、3M Tape |
| 2、母排 | 9、应力锥 | 2、Busbar | 9、Adapter |
| 3、绝缘子 | 10、硅脂 | 3、Insulator | 10、Silicone lubricant |
| 4、垫圈 | 11、清洁纸 | 4、Gasket | 11、Clearing Paper |
| 5、M16/M12双头螺杆 | | 5、M16/M12 Two-head screw | |
| 6、六角套筒扳手 | | 6、Hexagonal socket wrench | |
| 7、防尘帽 | | 7、Covering cap | |

15kV 200AMP Loadbreak Junctions

Key of Power
Electric Professional
>

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母排而已与肘型电缆接头、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。

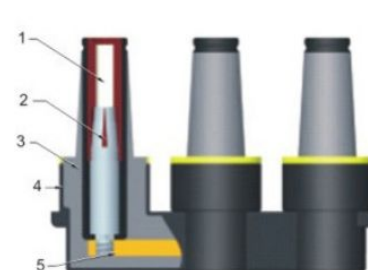
200A母排选用高品质绝缘材料。

200A loadbreak 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 loadbreak junction is used with 15kV Class loadbreak elbows. When mated with a comparably rated product, the junction provides a fully shielded, submersible, separable connection for loadbreak operation. The body is molded of high quality EPDM.

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 conducting 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 892.
 - 5、COPPER CONDUCTING BAR: The conductive row is made of copper, it can ensure current smooth and play good cooling effect.

应用示例Applications

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

15kV 200AMP Loadbreak Junctions

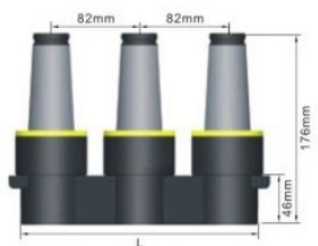
Key of Power
Electric Professional
>

订货信息Order Information

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

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100% Test before delivery



名称 二通2 三通3 四通4
L 139mm 221mm 302mm

定货编号说明Inference Information



标准包装Scope of Delivery

- | | |
|---------------|----------------------------------|
| 1、母排本体 | 1、Loadbreak junctions |
| 2、防尘帽（非绝缘保护帽） | 2、Covering cap |
| 3、安装说明书 | 3、Installation Instruction Sheet |
| 4、产品合格证 | 4、Quality Certificate |

产品装箱参数 Package Information

- 二路: 3只/盒重量: 7.2kg 体积: 9cm×18cm×17cm
- 2 points: 3pcs/box W/G: 7.2kg Vol: 9cm×18cm×17cm
- 三路: 3只/盒重量: 7.8kg 体积: 9cm×33cm×18cm
- 3 points: 3pcs/box W/G: 7.2kg Vol: 9cm×18cm×18cm
- 四路: 3只/盒重量: 8.6kg 体积: 9cm×33cm×18cm
- 4 points: 3pcs/box W/G: 8.6kg Vol: 9cm×18cm×18cm

图二: 外形尺寸图
Figure 2: Dimensions

15/25kV 600AMP Loadbreak Junctions

Key of Power
Electric Professional
>

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。

600A Loadbreak 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 loadbreak junction is used with 600A T Connector T-II Connector 600A Bushing Extender and protective cap. When mated with a comparably rated product, the junction provides a fully shielded, submersible, separable connection for loadbreak operation.

The body is molded of high quality EPDM.



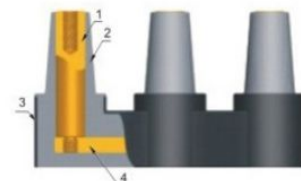
15kV/25kV 600A 二路母排
2 Points Loadbreak Junction

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、外半导电层: 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 892.
- 4、COPPER CONDUCTING BAR: The conductive row is made of copper, it can ensure current smooth and play good cooling effect.



15kV/25kV 600A 四路母排
4 Points Loadbreak Junction



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

应用示例Applications



母排安装支架
Junction mounting bracket
(accessories choosed)

质量保证Quality Assurance

- | | |
|--------------------|-----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100% Test before delivery |

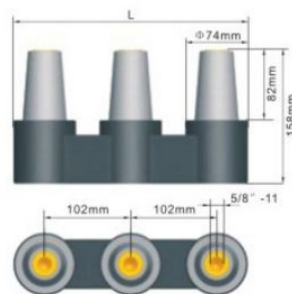
15/25kV 600AMP Loadbreak Junctions

Key of Power
Electric Professional
>

订货信息Order Information

产品名称 Description	额定电压 Continuous Operating voltage	额定电流 Continuous nominal current
MP2-15/600	15kV	600A
MP3-15/600	15kV	600A
MP4-15/600	15kV	600A
MP2-25/600	25kV	600A
MP3-25/600	25kV	600A
MP4-25/600	25kV	600A

定货编号说明Inference Information



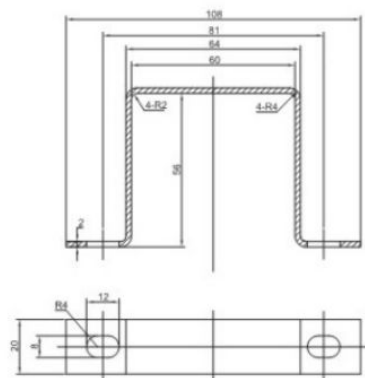
名称 二通2 三通3 四通4
L 178mm 280mm 382mm

标准包装Scope of Delivery

- 1、600A母排本体 1、Loadbreak junctions
2、防尘帽（非绝缘保护帽） 2、Covering cap

产品装箱参数 Package Information

- ◎二路：1只/盒重量：2.3kg 体积：9cm×29cm×16cm
◎2 points:1pcs/box W/G:2.3kg Vol: 9cm×29cm×16cm
◎三路：1只/盒重量：3.3kg 体积：9cm×35cm×16cm
◎3 points:3pcs/box W/G:7.2kg Vol: 9cm×35cm×16cm
◎四路：1只/盒重量：4.19kg 体积：9cm×39cm×16cm
◎4 points:1pcs/box W/G:4.19kg Vol: 9cm×39cm×16cm



25kV 200AMP Loadbreak Junctions

Key of Power
Electric Professional
>

概述General

25kV 200A二、三、四母排选用EPDM（三元乙丙橡胶）制成，主要用于电缆分接箱，在电缆分支中起母排分支作用。与25kV肘型电缆接头、绝缘保护帽、肘型避雷器及其他电缆附件配合使用，组成多分支线路。

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。

25kV 200A Loadbreak 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 loadbreak junction is used with 25kV Class loadbreak elbows. When mated with a comparably rated product, the junction provides a fully shielded, submersible, separable connection for loadbreak operation.

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



25kV 200A 四路母排
4 Points Loadbreak Junction

订货信息Order Information

产品名称 Description	订货编号 Continuous operating voltage	订货编号 Continuous operating voltage
25kV 200A母排Loadbreak junction	MP2-25/200A	2
25kV 200A母排Loadbreak junction	MP3-25/200A	3
25kV 200A母排Loadbreak junction	MP4-25/200A	4

应用示例Applications



母排安装支架（选配件）
Junction mounting bracket
(accessories choosed)

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系 1、Certificated by ISO 9000
2、100%通过出厂检验测试 2、100%Test before delivery

25kV 200AMP Loadbreak Junctions

Key of Power
Electric Professional
>

定货编号说明Inference Information



标准包装Scope of Delivery

- | | |
|---------------|----------------------------------|
| 1、母排本体 | 1、Loadbreak junctions |
| 2、安装压板（可选） | 2、Installation plate (Optional) |
| 3、防尘帽（非绝缘保护帽） | 3、Covering cap |
| 4、安装说明书 | 4、Installation Instruction Sheet |
| 5、产品合格证 | 5、Quality Certificate |

产品装箱参数 Package Information

- ◎3只/盒重量：9kg 体积：38cm×38cm×9cm
◎3pcs/box W/G:9kg Vol: 38cm×38cm×9c

25kV 200AMP/400AMP Loadbreak Junctions

Key of Power
Electric Professional
>

概述General

25kV 200A/400A三、四母排选用EPDM（三元乙丙橡胶）制成，用于架空屏蔽型电缆分支用，与25kV 250A肘型电缆接头、绝缘帽、肘型避雷器，25kV 400A肘型电缆接头等配合使用。

25kV 200A/400A Loadbreak junctions are used in pad-mounted apparatus, underground vaults, and other apparatus changeouts. Sectionalizing a cable run to find and isolate a cable fault is made easy when a loadbreak junction is used with 25kV Class loadbreak elbows. When mated with a comparably rated product, the junction provides a fully shielded, submersible, separable connection for loadbreak operation. The body is of high quality EPDM.

25kV 200A/400A 母排
Loadbreak Junction

订货信息Order Information

产品名称 Description	订货编号 Reference No.
25kV 200A/400A母排 Loadbreak junction	MP-25/200A1/400A2
	MP-25/200A2/400A2
	MP-25/200A1/400A3

质量保证Quality Assurance

- | | |
|--------------------|----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100%Test before delivery |

定货编号说明Inference Information



标准包装Scope of Delivery

- | | |
|---------------|---------------------------------|
| 1、母排本体 | 1、Loadbreak junctions |
| 2、安装压板（可选） | 2、Installation plate (Optional) |
| 3、防尘帽（非绝缘保护帽） | 3、Covering cap |

产品装箱参数 Package Information

- ◎1只/盒重量：5kg
◎1pcs/box W/G:5kg

Deadbreak Mixed Junction

Key of Power
Electric Professional

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 Deadbreak mixed Junction is compound of 200A loadbreak junction and 600A deadbreak junction. When mated with a comparably rated product, the junction provides a fully shielded, separable connection for loadbreak or deadbreak operation. The 200A interface is connected with deadbreak connectors. It is available with an adjustable bracket for mounting at various operating angles on flat or cured surfaces. The body is molded of high quality EPDM.



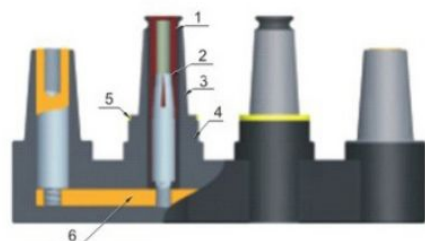
产品构造 Product Structure

- 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、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、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 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 892.
 - 5、COPPER CONDUCTING BAR: The conductive row is made of copper, it can ensure current smooth and play good cooling effect.

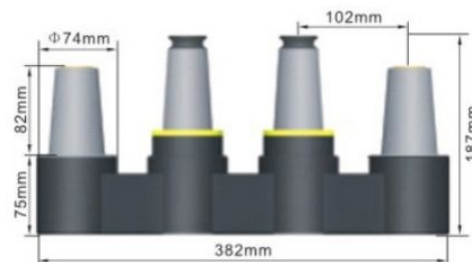
质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
 - 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
 - 2、100% Test before delivery

应用示例Applications



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



图二：外形尺寸图
Figure 2: Dimensions

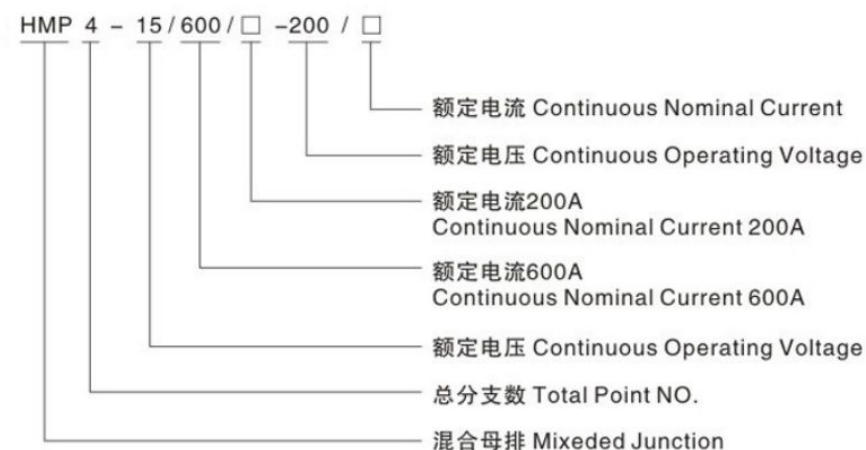
Deadbreak Mixed Junction

Key of Power
Electric Professional

订货信息Order Information

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

定货编号说明Inference Information



标准包装Scope of Delivery

- 1、混合母排本体
 - 2、防尘帽（非绝缘保护帽）
- 1、Loadbreak junctions
 - 2、Covering cap

产品装箱参数 Package Information

- 600-3/200: 3只/盒重量: 18.45kg 体积: 38cm×24cm×9cm
- 600-3/200: 3pcs/box W/G:18.45kg Vol: 38cm×24cm×9cm
- 200-3/600-1: 3只/盒重量: 14.4kg 体积: 38cm×24cm×9cm
- 200-3/600-1: 3pcs/box W/G:14.4kg Vol: 38cm×24cm×9cm

概述General

200A/600A 异型母排应用于带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，分欧式和美式两种，有二通、三通、四通，可组合成200A接头，600A接头，600A、200A混合接头，带伞群接头为欧式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。

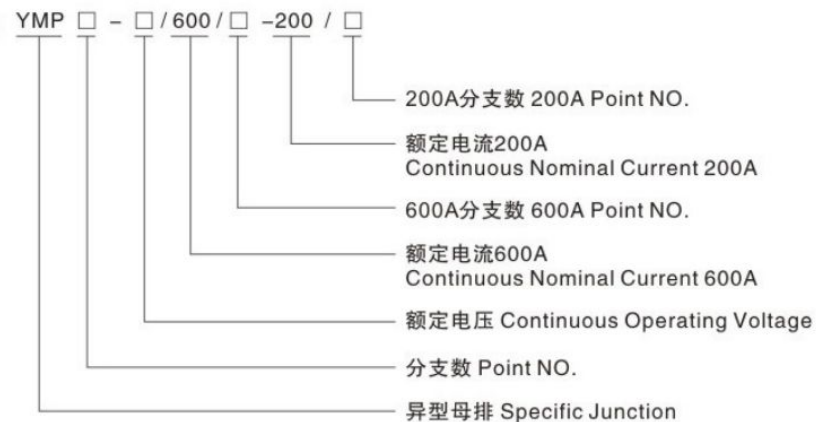
200A/600A Specific Junction provide two, three or four 200A loadbreak and 600A deadbreak, 15kV mixed interfaces on one side that are internally bused together and meet all requirements of ANSI/IEEE 386–Separable Insulated Connector Systems. When mated with a comparably rated product, the junction provides a fully shielded, full insulated, separable connection for loadbreak or deadbreak operation.

It is available with an adjustable bracket for mounting at various operating angles on flat or cured surfaces.

质量保证Quality Assurance

- | | |
|--------------------|----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100%Test before delivery |

订货编号说明Inference Information



标准包装Scope of Delivery

- | | |
|-------------------|-------------------------------|
| 1、200A/600A异型母排本体 | 1、200A/600A Specific Junction |
| 2、防尘帽（非绝缘保护帽） | 2、Covering cap |



订货信息Order Information

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

产品装箱参数 Package Information

- ◎200A四路：3只/盒重量：17.04kg 体积：38cm×38cm×9cm
- ◎200A points: 3pcs/box W/G: 17.04kg Vol: 38cm×38cm×9cm
- ◎600A三路：3只/盒重量：12.24kg 体积：37cm×28cm×9cm
- ◎600A 3 points: 3pcs/box W/G: 12.24kg Vol: 37cm×28cm×9cm
- ◎600A四路：3只/盒重量：24.84kg 体积：38cm×38cm×9cm
- ◎600A 4 points: 3pcs/box W/G: 24.84kg Vol: 38cm×38cm×9cm

15kV/25kV 630AMP Resin Specific Junction

Key of Power
Electric Professional
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概述General

SYMP-□/630, 欧式美式异型母排, 适用于多种负荷开关或真空断路器电缆分支箱的进线连接, 接口分为600A/630A, 可满足多种接线方式。

SYMP-□/630 Resin specific junction provide the connection of load switch or vacuum circuit breaker distribution box .It can meet a variety of connection. The interface is 630A type.

警告 WARNING

- 1、提供的螺杆尺寸为产品参考尺寸, 具体应根据现场压板孔和箱壁厚度为准。
- 2、如箱体为普通钢板时母排底部应垫1.5mm~2mm厚相应大小的不锈钢隔板用来隔断相应之间的电磁场。
- 1、The size of screw is only for reference specification. The details need be confirmed in accordance with hole of pressing plate and thickness of wall.
- 2、If the box is common plate, please put stainless steel plate which is about 1.5mm~2mm thick in the bottom of the junction for partition between the wall and junction.

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100%Test before delivery

定货编号说明Inference Information

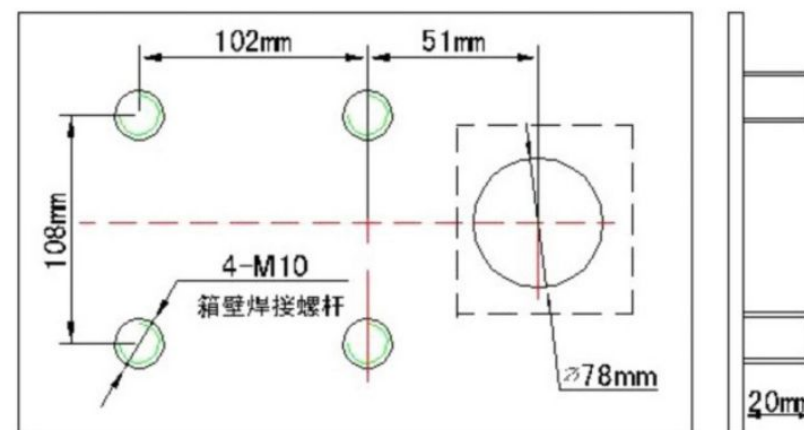
SYMP - □ / □ - □ (P3Y) (Z3Y)

- 正三路异型母排
Straight Three Point Specific Junction
- 偏三路异型母排
Secund Three Point Specific Junction
- 型号接口数 Interface NO.
- 额定电流 Continuous Nominal Current
- 额定电压 Continuous Operating Voltage
- 树脂母排 Resin Specific Junction

15kV/25kV 630AMP Resin Specific Junction

Key of Power
Electric Professional
>

安装尺寸图Dimension



15kV/25kV 630A正三路异形母排
Straight three point specific junction



15kV/25kV 二路平板母排
15/25kV-630A Straight two point flat junction



标准包装Scope of Delivery

- | | |
|--------|---------------------------|
| 1、树脂母排 | 1、Resin specific junction |
| 2、防尘帽 | 2、Covering cap |

25kV Elbow Surge Arrester

概述General

25kV 肘型避雷器，广泛用于美式箱变和分支箱、地埋变、开关柜及其它设备。

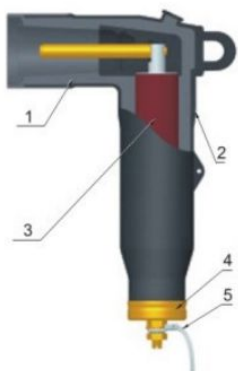
25kV Surge Arrester Insert is widely used on medium voltage network, such as transformers switch switch gears and cable and others equipments.



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

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、INSULATION: High quality, peroxide-cured EPDM rubber formulated, mixed and molded in-house for consistent and reliable field performance.
 - 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 or impulse voltage effective after leads to grounding position.



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

质量保证Quality Assurance

- | | |
|--------------------|----------------------------|
| 1、通过ISO 9000产品质量体系 | 1、Certificated by ISO 9000 |
| 2、100%通过出厂检验测试 | 2、100%Test before delivery |

订货信息Order Information

BLQ - 34 / 78

5kA 雷电冲击残压(kV)
5kA Impulse Withstand Voltage

- 额定电压 Continuous Operating Voltage

肘型避雷器 Elbow Surge Arrester

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 (kV) Continuous nominal current
34/78kV 肘型避雷器 34/78kV Elbow Surge Arrester	BLQ-34/78	34kV	78kV

25kV Elbow Surge Arrester

应用示例 Applications



200A美式电缆分支箱
American Cable Distribution Boxes



图二：外形尺寸图
Figure 2: Dimensions

标准包装Scope of Delivery

- | | |
|-----------|----------------------------------|
| 1、肘型避雷器本体 | 1、Elbow surge arrester |
| 2、硅脂 | 2、Silicone Lubricant |
| 3、清洁纸 | 3、Clearing paper |
| 4、安装指导说明书 | 4、Installation Instruction Sheet |
| 5、产品合格证 | 5、Quality Certificate |

产品装箱参数 Package Information

- 3只/盒重量: 9kg 体积: 46.5cm×41cm×10cm
●3pcs/box W/G:9kg Vol: 46.5cm×41cm×10cm



17/50kV Surge Arrester Insert

Key of Power
Electric Professional
>

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、开关柜及其他设备，与之相连的电缆附件由：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 loadbreak cable accessories such as bushing elbow connector and insulated protective cap.

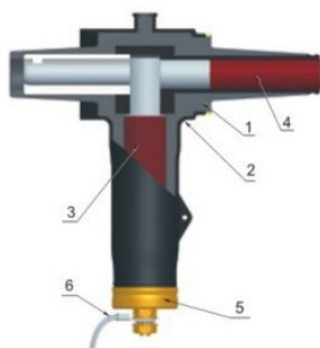
17/50 单通避雷器
17/50 Surge Arrester Insert

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、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；
- 5、铜质底盖：铜质底盖与避雷器外导电极紧密结合，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接到接地位置。

- 1、INSULATION: High quality, peroxide-cured EPDM rubber formulated, mixed and molded in-house for consistent and reliable field performance.
- 2、SEMI-CONDUCTIVE SHIELD: Molded semi-conductive shield meets requirements of ANSI/IEEE Standard 592.
- 3、ARRESTER CORE: Composed of the zinc oxide light valve slice which through special process treatment.
- 4、ARC SNUFFER ASSEMBLY: Arc-ablative plastic arc extinguishing gas during loadbreak switching operations.
- 5、PROBE: Probe provides reliable conductive path to female contacts.
- 6、GROUNDING WIRE: (Optional for larger grounding wires, or impulse voltage effective after leads to grounding position.

应用示例 Applications

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

17/50kV Surge Arrester Insert

Key of Power
Electric Professional
>

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 (kV) Continuous nominal current
17/50kV 单通避雷器 17/50kV Surge Arrester Insert	DTBLQ-17/50	17kV	50kV

定货编号说明 Inference Information



质量保证 Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100% Test before delivery

标准包装 Scope of Delivery

- 1、单通避雷器
- 2、防尘帽 (非绝缘保护帽)
- 3、3支配内六角扳手1把
- 4、硅脂
- 5、清洁纸
- 1、Surge arrester insert
- 2、Hex wrench
- 3、Covering cap
- 4、Silicone Lubricant
- 5、Covering cap

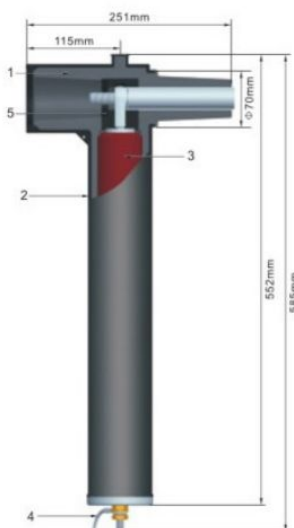
图二：外形尺寸图
Figure 2: Dimensions

产品装箱参数 Package Information

- 3只/盒重量: 7.44kg 体积: 46.5cm×41cm×10cm
- 3pcs/box W/G: 7.44kg Vol: 46.5cm×41cm×10cm



35kV T Surge Arrester

Key of Power
Electric Professional
>35kV T型避雷器
35kV T Surge Arrester外形尺寸图
Dimensions

概述General

35kV T型避雷器能作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 T Surge arrester protects medium voltage networks, e.g. transformers, wind power substation switch gears and cables.

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、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到接地位置。
 - 5、内半导体层：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、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、GROUNDING WIRE: (Optional for larger grounding wire) Used for impulse voltage effective after leads to grounding position.
 - 5、SEMI-CONDUCTIVE SHIELD: High-quality EPDM rubber creates a smooth surface around the "current interchange" to evenly distribute electrical stress within the insulation.

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
 - 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
 - 2、100% Test before delivery

订货信息Order Information

产品名称Description	订货编号 Reference NO.
35kV T型避雷器T Surge Arrester	TBQ-51/134

定货编号说明 Inference Information

TBQ - 51/134

额定电压 Continuous Operating Voltage

T型避雷器 T Surge Arrester

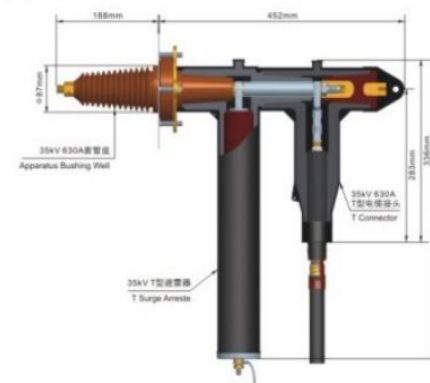
35kV T Surge Arrester

Key of Power
Electric Professional
>

电气性能 Ratings Overview

名称Description	单位Unit	51/134避雷器参数Arrester Information
标称放电电流 Nominal discharge current	kA	5
额定电压 Continuous operating voltage	(r.m.s)kV	51
标称放电电流下残压Nominal discharge current residual voltage	kV peak	185
最大持续运行电压 Max Run-voltage	(r.m.s)kV	134
直流1mA参考电压Rated voltage	kV	$73.0 \leq U_{1mA.DC} \leq 77.5$
2mS方波冲击容量Square wave current 2mS	A	≥ 200
4/10μs大电流冲击耐受 Max current shock resistance	kA	100
系统接地状态System Grounding		有效接地Effective Grounding

应用示例 Applications

35kV 风能变电站
35kV Wind Power Substation

标准包装Scope of Delivery

- 1、避雷器本体
 - 2、护帽
 - 3、导电杆组件
 - 4、硅脂
 - 5、清洁纸
- 1、T Surge arrester
 - 2、Covering cap
 - 3、Threaded bolts
 - 4、Silicone lubricant
 - 5、Clearing paper

产品装箱参数 Package Information

- 1只/盒重量: 7.36kg 体积: 60cm×26cm×10cm
- 1pcs/box W/G:7.36kg Vol: 60cm×26cm×10cm



17/50 M.O.V Bushing Surge Arrester

Key of Power
Electric Professional
>

概述General

欧式前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安全运行，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。

欧式前接避雷器与欧式后接头配合，确保电网安全运行。

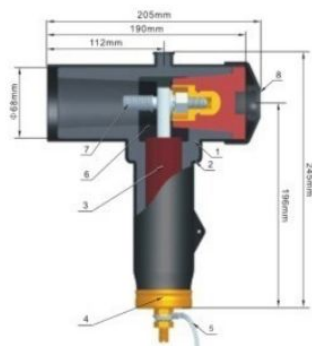
17/50kV M.O.V Bushing Surge Arrester provide a reliable protective medium voltage network. Using the semi-conductive shield to make sure the person is safe and the equipment can work well, also they have the high quantity to make sure they can work in the Circumstances.

The 17/50kV M.O.V Bushing Surge Arrester can be use together with the T back connector.

17/50kV 欧式前接避雷器
17/50kV M.O.V Bushing
Surge Arrester

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：由经过特别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电体和套管紧密配合。
- 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

- 1、INSULATION: High quality, peroxide-cured EPDM rubber formulated, mixed and molded in-house for consistent and reliable field performance.
- 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.
- 6、SEMI-CONDUCTIVE SHIELD:High-quality EPDM rubber creates a smooth surface around the "current interchange"to evenly distribute electrical stress within the insulation
- 7、TWO HEAD SCREW: To make sure have a good contact with the apparatus bushing.
- 8、INSULATOR COVER: Insulation and sealing for product.

订货信息Order Information

QBLQ - 17 / 50

— 额定电流 Continuous Nominal Current

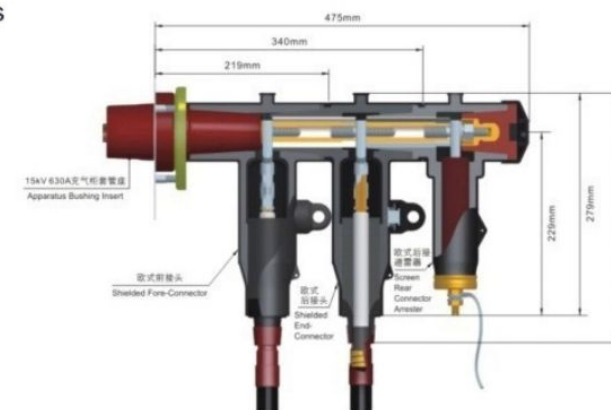
— 额定电压 Continuous Operating Voltage

— 欧式前接避雷器
M.O.V Bushing Surge Arrester

17/50 M.O.V Bushing Surge Arrester

Key of Power
Electric Professional
>

应用示例 Applications



订货信息Order Information

产品名称 Description	订货编号Reference No.
17/50kV 欧式前接避雷器 17/50kV M.O.V Bushing Surge Arrester	QBLQ-17/50

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100%Test before delivery

标准包装Scope of Delivery

- | | | | |
|----------------|-------|--------------------------------|----------------------|
| 1、欧式前接避雷器 | 5、硅脂 | 1、M.O.V Bushing Surge Arrester | 5、Silicone lubricant |
| 2、防尘帽(非绝缘保护帽) | 6、清洁纸 | 2、Covering cap | 6、Clearing paper |
| 3、双头螺栓 | | 3、Two head screw | |
| 4、绝缘子(含半导体电封帽) | | 4、Insulator | |

产品装箱参数 Package Information

◎3只/盒重量: 7.2kg 体积: 25cm×30cm×22.5cm

◎3pcs/box W/G:7.2kg Vol: 25cm×30cm×22.5cm



17/50 M.O.V Bushing Surge Arrester

Key of Power
Electric Professional

概述General

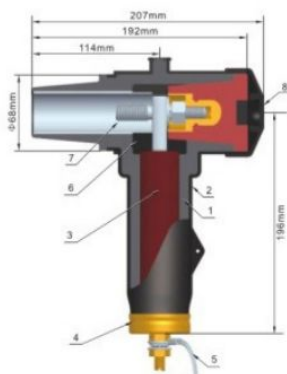
欧式后接避雷器能为电气系统提供可靠的过电压保护。屏蔽型的后接避雷器的外半导电层确保了安装和维护人员的人身安全及设备的安全运行，同时其抗紫外线，抗老化，防水，防潮的特有性能确保了产品在恶劣环境下的安全可靠运行。

17/50kV M.O.V Bushing Surge 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 17/50kV M.O.V Bushing Surge Arrester can be use together with the T back connector.

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：由经过特别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、内半导电层：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

- 1、INSULATION: High quality, peroxide-cured EPDM rubber formulated, mixed and molded in-house for consistent and reliable field performance.
- 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.
- 6、SEMI-CONDUCTIVE SHIELD:High-quality EPDM rubber creates a smooth surface around the "current interchange"to evenly distribute electrical stress within the insulation
- 7、TWO HEAD SCREW: To make sure have a good contact with the apparatus bushing.
- 8、INSULATOR COVER: Insulation and sealing for product.

定货编号说明 Inference Information

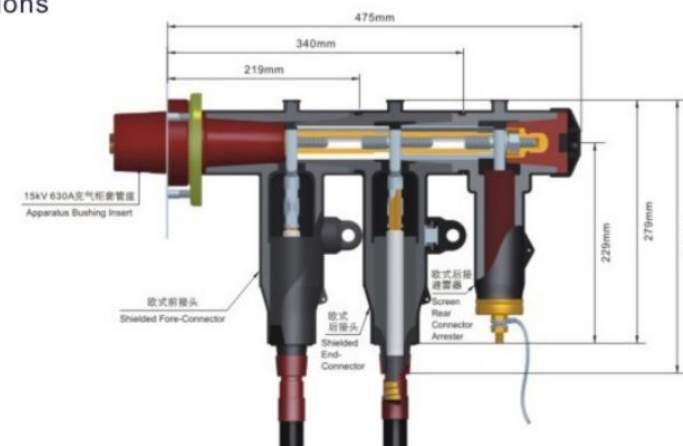
HBLQ - 17 / 50

- 额定电流 Continuous Nominal Current
— 额定电压 Continuous Operating Voltage
— 欧式后接避雷器
M.O.V Bushing Surge Arrester

17/50 M.O.V Bushing Surge Arrester

Key of Power
Electric Professional

应用示例 Applications



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 17/50kV M.O.V Bushing Surge Arrester	HBLQ-17/50

质量保证 Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100% Test before delivery

标准包装 Scope of Delivery

- | | | | |
|---------------|-------|--------------------------------|----------------------|
| 1、欧式后接避雷器 | 5、硅脂 | 1、M.O.V Bushing Surge Arrester | 5、Silicone lubricant |
| 2、防尘帽(非绝缘保护帽) | 6、清洁纸 | 2、Covering cap | 6、Clearing paper |
| 3、双头螺杆 | | 3、Two head screw | |
| 4、连接铜棒 | | 4、Insulator | |

产品装箱参数 Package Information

- ◎3只/盒重量: 7.36kg 体积: 25cm×30cm×22.5cm
- ◎3pcs/box W/G:7.36kg Vol: 25cm×30cm×22.5cm



17/50kV Elbow Surge Arrester

Key of Power
Electric Professional
>

概述General

17/50kV 肘型避雷器，广泛用于美式箱变和分支箱、地埋变、开关柜及其它设备，产品设计适用于安装在200A带负荷插拔的借口，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 Loadbreak bushing extender. It protects medium voltage network, eg: transformers switch gears and cable. Incoming over voltage waves and voltage increase by reflection are limited.

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吸引到接地位置。
- 1、INSULATION: High quality, peroxide-cured EPDM rubber formulated, mixed and molded in-house for consistent and reliable field performance.
 - 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.

定货编号说明 Inference Information

BLQ - 17 / 50

- 5kA 雷电冲击残压(kV)
5kA Impulse Withstand Voltage
- 额定电压 Continuous Operating Voltage
- 肘型避雷器 Elbow Surge Arrester

质量保证Quality Assurance

- 1、通过质量检验测试中心检测
- 2、通过ISO 9000产品质量体系
- 3、100%通过出厂检验测试
- 1、Certificated Quality inspection center
- 2、Certificated by ISO 9000
- 3、100%Test before delivery

17/50kV 肘型避雷器
17/50kV Elbow Surge Arrester图一：产品构造图
Figure 1: Illustrate
Design Integrity

17/50kV Elbow Surge Arrester

Key of Power
Electric Professional
>

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 (kV) Continuous nominal current
17/50kV 肘型避雷器 17/50kV Elbow Surge Arrester	BLQ-17/50	17kV	50kV

应用示例 Applications

200A美式电缆分支箱
American Cable Distribution Boxes图二：外形尺寸图
Figure 2: Dimensions

标准包装Scope of Delivery

- | | |
|-----------|------------------------|
| 1、肘型避雷器本体 | 1、Elbow surge arrester |
| 2、硅脂 | 2、Silicone lubricant |
| 3、清洁纸 | 3、Clearing paper |

产品装箱参数 Package Information

- ◎3只/盒重量: 5.4kg 体积: 24cm×20cm×24cm
- ◎3pcs/box W/G: 5.4kg Vol: 24cm×20cm×24cm



Bay-O-Net Assembly

Key of Power
Electric Professional
>插入式熔断器
Bay-O-Net Assembly产品尺寸图
Dimensions

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地埋式变压器。该熔丝筒内可安装电流新熔丝、双敏熔丝、双因素熔丝以及大电流过载熔丝等等。可独立型熔丝或后背熔断器相配合，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 or ELSP current-limiting backup fuse to protect transformer from overload and short circuit.

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100% Test before delivery

订货信息Order Information

产品名称 Description	订货编号 Reference NO.
插入式熔断器 Bay-O-Net Assembly	PRNT□-15.5

定货编号说明 Inference Information



Bay-O-Net Assembly

Key of Power
Electric Professional
>

电压特性 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	3000A/3500A	160A
15.5kV	2500A/2500A	2500A/2500A	150A
23kV	1000A/1000A	1000A/1000A	80A

标准包装 Scope of Delivery

- 1、熔断器
- 1、Bay-O-Net Assembly

产品装箱参数 Package Information

- ◎ 3只/盒重量: 2.3kg 体积: 24cm×41cm×7.5cm
- ◎ 3pcs/box W/G: 2.3kg Vol: 24cm×41cm×7.5m

Hot Line Voltage Indicator

Key of Power
Electric Professional
>

概述General

带电指示器可与200A或250A的肘型，T型电缆接头的电压（电容）测试点连接，有助于操作员判断电缆是否带电。

半导电的外壳，环氧树脂制成的部分以及超强的密封性，使该指示器适用于多种条件。指示器不需要额外电源即可正常工作。当电压值超过2kVp-g时，指示器内的氖气灯就会又闪烁提示。

The hot line voltage Indicator assemblies are intended for use on either 200A elbows or 600A T-Booy connectors with molded-in test points. They are easily installed by means of a "hotstick" using the indicator pulling eye. It helps to distinguish whether the cables is energized.

The semi-conductive molded rubber bushing, epoxy encapsulated electronic component and sealed window make the indicator suitable for various situation applications. The indicators require no external power and are maintenance free. The indicators require no external power and are maintenance free. The indicators are powered by AC Potential difference between the capacitive test point and the semi-conductive shield integral to the connectors. The indicators incorporate a neon bulb which indicates by a periodic flash when the line is energized above 2kVp-g. The neon bulb flashes at a rate proportional to the AC voltage present.

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100%Test before delivery

订货信息Order Information

产品名称 Description	订货编号Reference NO.
带电指示器Hot line voltage Indicator	DXN



产品尺寸图
Dimensions

定货编号说明Inference Information



标准包装Scope of Delivery

- 1、带电指示器
- 1、Hot line voltage Indicator

产品装箱参数 Package Information

- 3只/盒重量: 0.23kg 体积: 14cm×9cm×5cm
- 3pcs/box W/G:0.23kg Vol: 14cm×9cm×5cm

Fault Circuit Indicator

Key of Power
Electric Professional
>

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。

The Fault Circuit Indicator is an instrument for detecting short circuit and earth faults. This indicator is used in medium voltage radial networks with one input. In order to avoid serious failure happening in distribution power network, especially in the network where lot of ring main unit with loadbreak switch were used, as a rule, the upper level system must trip within the set time when a short circuit or earth fault occurs in the lower level. After dividing and breaking happens, the whole network subjected to the upper level will be powered off. The indicator can locate and indicate the fault position so that the operator can find and trip the fault section quickly according to the alarm signal, which will save a lot of working time, shorten the time and range of power cut.

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。

The sensors are used to detect the load current and earth current respectively. The trip level for earth fault and short circuit are adjusted by a threshold level electronic. When the current exceeds the pre-adjusted threshold respective LED is activated and starts to blink.

The equipment has the function of inrush restraint which avoids the wrong indication by the switching on/off operation

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100%Test before delivery

订货信息Order Information

产品名称 Description	订货编号Reference NO.
故障指示器Fault Circuit Indicator	GZ-1



故障指示器
Fault Circuit Indicator



产品尺寸图
Dimensions

Fault Circuit Indicator

Key of Power
Electric Professional
>

定货编号说明Inference Information



标准包装Scope of Delivery

- 1、故障指示器
- 1、Fault Circuit Indicator

产品装箱参数 Package Information

- ◎1只/盒重量: 0.26kg 体积: 5cm×6cm×15cm
- ◎1pcs/box W/G:0.26kg Vol: 5cm×6cm×15m

Hot Line Voltage Indicator

Key of Power
Electric Professional
>

概述General

三相集中式带电指示器与对接套管或一体式套管上的感应端子相连。
3-phase muster from of voltage indicator connect to induction

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100%Test before delivery



欧式带电指示器
Hot line voltage Indicator

订货信息Order Information

产品名称 Description	订货编号Reference NO.
欧式带电指示器Hot line voltage Indicator	DXN- II

定货编号说明Inference Information



标准包装Scope of Delivery

- 1、欧式带电指示器
- 1、Hot line voltage Indicator

产品装箱参数 Package Information

- ◎3只/盒重量: 0.235kg 体积: 14cm×9cm×5cm
- ◎3pcs/box W/G:0.235kg Vol: 14cm×9cm×5cm

Dual Sensing Fuse Wire

Key of Power
Electric Professional
>双敏熔丝
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电测保护。

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

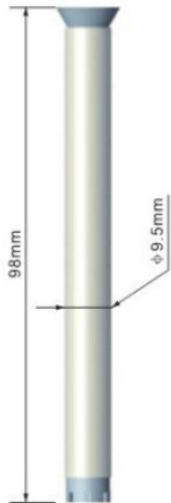
Dual sensing fuse wire not only secondary faults, excessive load currents and transformer fluid temperature. They will limit long-term transformer heating caused by overloads and high temperature environments.

质量保证Quality Assurance

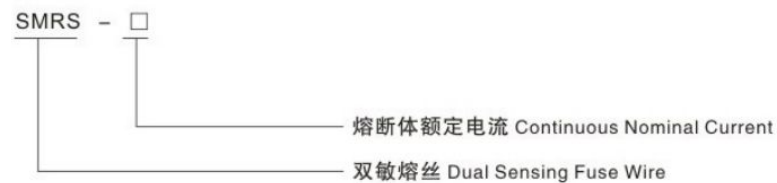
- 1、通过ISO 9000产品质量体系
 - 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
 - 2、100% Test before delivery

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	SMRS-6.3
10	SMRS-10
16	SMRS-16
25	SMRS-25
40	SMRS-40
50	SMRS-50
63	SMRS-63
100	SMRS-100
140	SMRS-140

产品尺寸图
Dimensions

定货编号说明Inference Information



Dual Sensing Fuse Wire

Key of Power
Electric Professional
>

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） 用于埋入地式变压器 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
23kV	600A	1000A

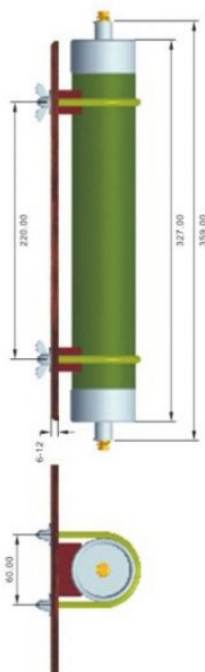
标准包装Scope of Delivery

- 1、双敏熔丝
- 1、Dual Sensing Fuse Wire

产品装箱参数 Package Information

- 3只/盒重量: 3kg 体积: 24cm×19cm×21cm
- 3pcs/box W/G:3kg Vol: 24cm×19cm×21m

Magne X Interrupter

Key of Power
Electric Professional
>限流后备保护熔断器
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 MagneX 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 Tupe	最大开断电流 Maximum Interrupting Current
限流后备保护熔断器 Magne X Interrupter	50000A

订货信息 Order Information

熔断体额定电流 (A) Continuous nominal current(A)	订货编号 Reference NO.
31.5	XRNT31.5-15.5
40	XRNT40-15.5
50	XRNT50-15.5
63	XRNT63-15.5
80	XRNT80-15.5
100	XRNT100-15.5
125	XRNT125-15.5
150	XRNT150-15.5
175	XRNT175-15.5
200	XRNT200-15.5

Magne X Interrupter

Key of Power
Electric Professional
>

质量保证 Quality Assurance

- 1、通过ISO 9000产品质量体系
- 1、Certificated by ISO 9000
- 2、100%通过出厂检验测试
- 2、100% Test before delivery

定货编号说明 Inference Information



标准包装 Scope of Delivery

- 1、限流后备保护熔断器
- 1、Magne X Interrupter

产品装箱参数 Package Information

- 1只/盒重量: 1.42kg 体积: 6cm×6cm×36cm
- 1pcs/box W/G:1.42kg Vol: 6cm×6cm×36m

Two-position Sidewall Switch

Key of Power
Electric Professional
>

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，式三相联动开关，可完全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/T10621-2006标准，使用条件符合GB10230规定。

The two-position Sidewall switch is designed for use in transformer oil, and uses a manually charged over-toggle store spring assembly, which is independent of operation speed. The spring loaded activating mechanism ensures quick loadbreak operation in less than one cycle. The two-position sidewall switch incorporates a double "O" ring shaft sealing system and three types of mounting systems, which include a bolt-in place system, weld-in bracket assembly, or an easy to install ring mount system. Also incorporated into the switch mechanism are internal stops which restrict the handle orientation to only two positions.

The two-position sidewall switch is hookstick operable and requires minimal input torque to operate. It features tungsten copper contacts to minimize arc erosion and prolong contact life. The switch contacts are factory assembled and gaged to a predetermined spring pressure to ensure uniform contact pressure between the contacts and the blades.

The silver-plated copper blades are securely keyed between the vented rotor halves which ensure proper blade and contact alignment during switching. All of these features make the two-position switch a reliable, no-maintenance switch product.

订货信息Order Information

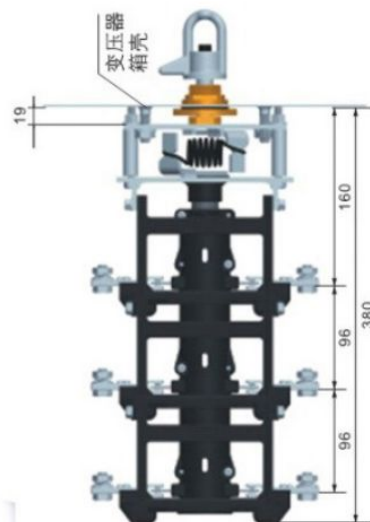
描述Description	订货编号Reference NO.
油浸式二位置负荷开关 Two-position Sidewall Switch	FYN33-2/315

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100% Test before delivery



油浸式二位置负荷开关
Two-position
Sidewall Switch



Two-position Sidewall Switch

Key of Power
Electric Professional
>

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			

定货编号说明Inference Information

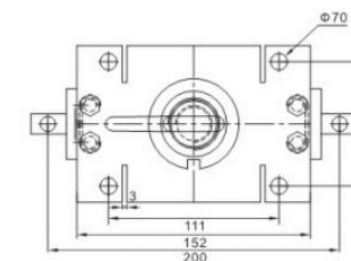


标准包装Scope of Delivery

- 1、油浸式二位置负荷开关
 - 2、扳手
- 1、Two-position sidewall switch
 - 2、Wrench

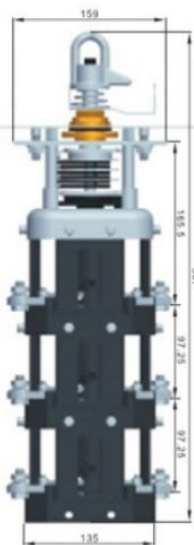
产品装箱参数 Package Information

- ◎1只/盒重量: 4.2kg 体积: 51cm×14cm×23cm
- ◎1pcs/box W/G: 4.2kg Vol: 51cm×14cm×23m



产品尺寸图
Dimensions

Four-position Sidewall Switch

Key of Power
Electric Professional
>油浸式四位置负荷开关
Four-position
Sidewall Switch

概述General

油浸式四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，式三相联动开关，可完全负荷的开断和关合操作。

由两个四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/T10621-2006标准，使用条件符合GB10230规定。

The four-position sidewall switch is designed for use in transformer oil. And uses a manually charged over-toggle stored spring assembly, which is independent of operator speed. The spring loaded activating mechanism ensures quick loadbreak operation in less than one cycle. The four-position sidewall switch incorporates a double "O" ring shaft sealing system and three types of mounting systems, which include a bolt-in place system, weld-in bracket assembly, or an easy to install ring mount system. Also incorporated into the switch mechanism are internal stops which restrict the handle orientation to only two positions.

The four-position sidewall switch is hookstick operable and requires minimal input torque to operate. It features tungsten copper contacts to minimize arc erosion and prolong contact life. The switch contacts are factory assembled and gaged to a predetermined spring pressure to ensure uniform contact pressure between the contacts and the blades.

The silver-plated copper blades are securely keyed between the vented rotor halves which ensure proper blade and contact alignment during switching. All of these features make the four-position switch a reliable, no-maintenance switch product.

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 Four-position Sidewall Switch	FYN33-4/630

质量保证Quality Assurance

- 1、通过ISO 9000产品质量体系
- 2、100%通过出厂检验测试
- 1、Certificated by ISO 9000
- 2、100% Test before delivery

Four-position Sidewall Switch

Key of Power
Electric Professional
>

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			

定货编号说明Inference Information

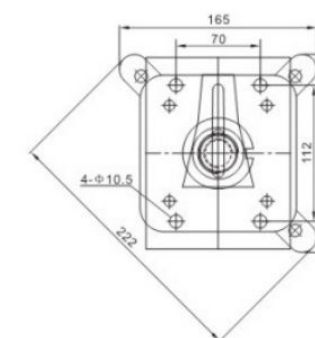


标准包装Scope of Delivery

- 1、油浸式四位置负荷开关
- 1、four-position sidewall switch
- 2、扳手
- 2、Wrench

产品装箱参数 Package Information

- 1只/盒重量: 4.2kg 体积: 51cm×14cm×23cm
- 1pcs/box W/G:4.2kg Vol: 51cm×14cm×23m

产品尺寸图
Dimensions

YZ 70 真空压力表

Vacuum Manometer

概述General

箱式变的测压仪表，可直接反映出箱式变随环境温度变化造成的内部压力变化。

Vacuum Manometer is designed to be the pressure meter for transformer. This can directly reflect the inside pressure change as the variety of environment temperature.

**BWS-70 变压器温度计**

Transformer Thermometer

概述General

安装再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.

**YSF 压力释放阀**

Pressure Release

概述General

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.

**UHZ-01 箱变油位计**

Oil Level Indicator to Transformer

概述General

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.

**产品装箱参数 Package Information**

◎1套/盒重量: 1.48kg 体积: 31cm×19cm×9cm

◎1set/box W/G:1.48kg Vol: 31cm×19cm×9cm

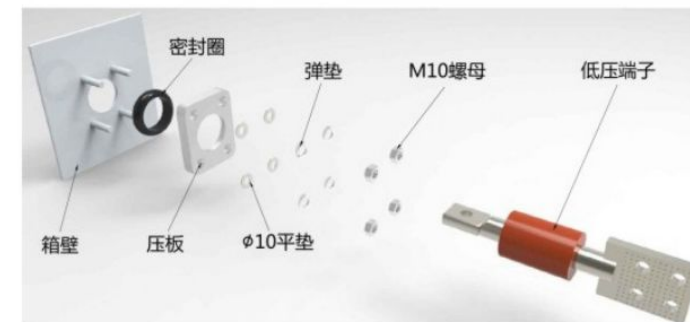
DYDZ-□ 低压端子

Depression Connector

概述General

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.

**G/CZG 绝缘操作杆**

Insulating Operation Stick

概述General

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.

**产品装箱参数 Package Information**

◎1只/盒重量: 2.32kg 体积: 140cm×11cm×7cm

◎1pcs/box W/G:2.32kg Vol: 140cm×11cm×7cm

JDSZ-200 200A接地设置

200A Ground Set

概述General

本产品选用EPDM（三元乙丙橡胶）制成，为半导体，为电缆提供密封、可靠、安全的接地设置，使接地越简单、方便。

15kV/25kV 200A Grounding device are molded using high quality sulfur-cured insulating and semi-conducting EPDM rubber. It is a fully screened and fully submersible connection when mated with cable connector, make the connector grounding more simple and easy.

