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ANHUNG
Electric Power



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Product Guide

Anhuang Electric Power Technology Co.,Ltd.



Catalogue Download

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COMPANY PROFILE



ANHUANG is a modern company of professional design and manufacturer of 3.6kV to 40.5kV Medium Voltage cable accessories, electric components and whole set cabinet. Subsidiaries: Anhuang Electric Power Technology Co., Ltd. Zhejiang Anhuang Imp. & Exp. Co., Ltd. We provide high quality, low cost products for utility systems worldwide.

Company constantly introducing new technology, new craft, the product structure constantly improved. Our professional production testing equipment, special production technology, and professional service team can satisfy the customers' demand.

Our professional engineers, technicians and managers team always keep our promise: ANHUANG is not only provide cost-effective high quality products, but also provide high quality, efficient, fast service and technical support to ensure customers' require.

Our company obtained international quality management system certification for ISO9001, ISO1401, OHSAS18001.

Our company adhering to the "safety electricity, forever brilliant" as our enterprise's humanism. Willing to work with you hand in hand to build better future.



Applications

Anhuang Electric Power mainly produce electric power cable accessories and MV switchgear components which are widely used in the following applications:



**Separable Connectors
Loadbreak elbow connectors and
deadbreak connectors**



**GIS Series
Gas Insulating Switchgear componets**



**Transformer
Pad mounted transformer componets**



**Shrink tube series
Cold/Heat shrink terminal and joint**

Standard Interfaces for Separable Connectors and Apparatus Bushings

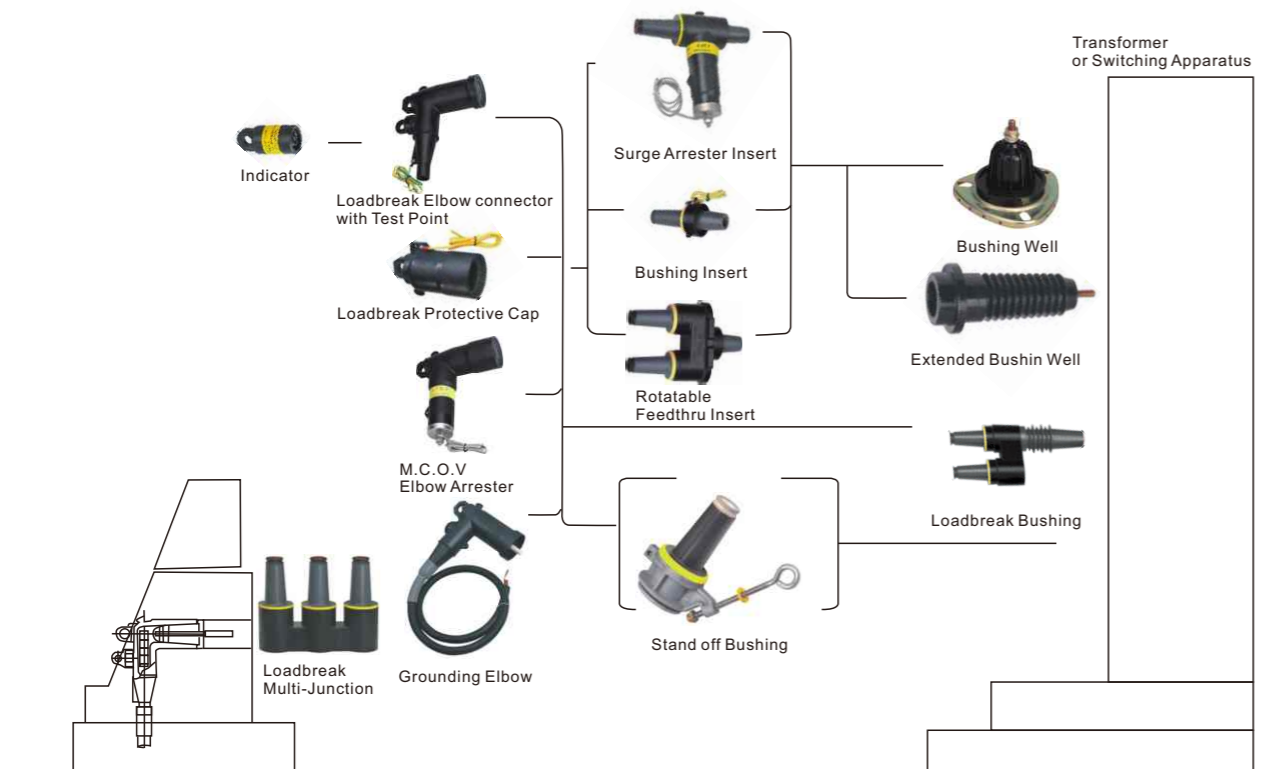
Anhuang Separable Connectors, Cable Joints, Cable Terminals, Surge Arresters and Apparatus Bushings have been designed and tested according to applicable portions of ANSI/IEEE Standard 386.

The products are designed and constructed for all applications including padmount, subsurface, indoor, outdoor, direct sunlight, direct buried and continuously submerged in water.



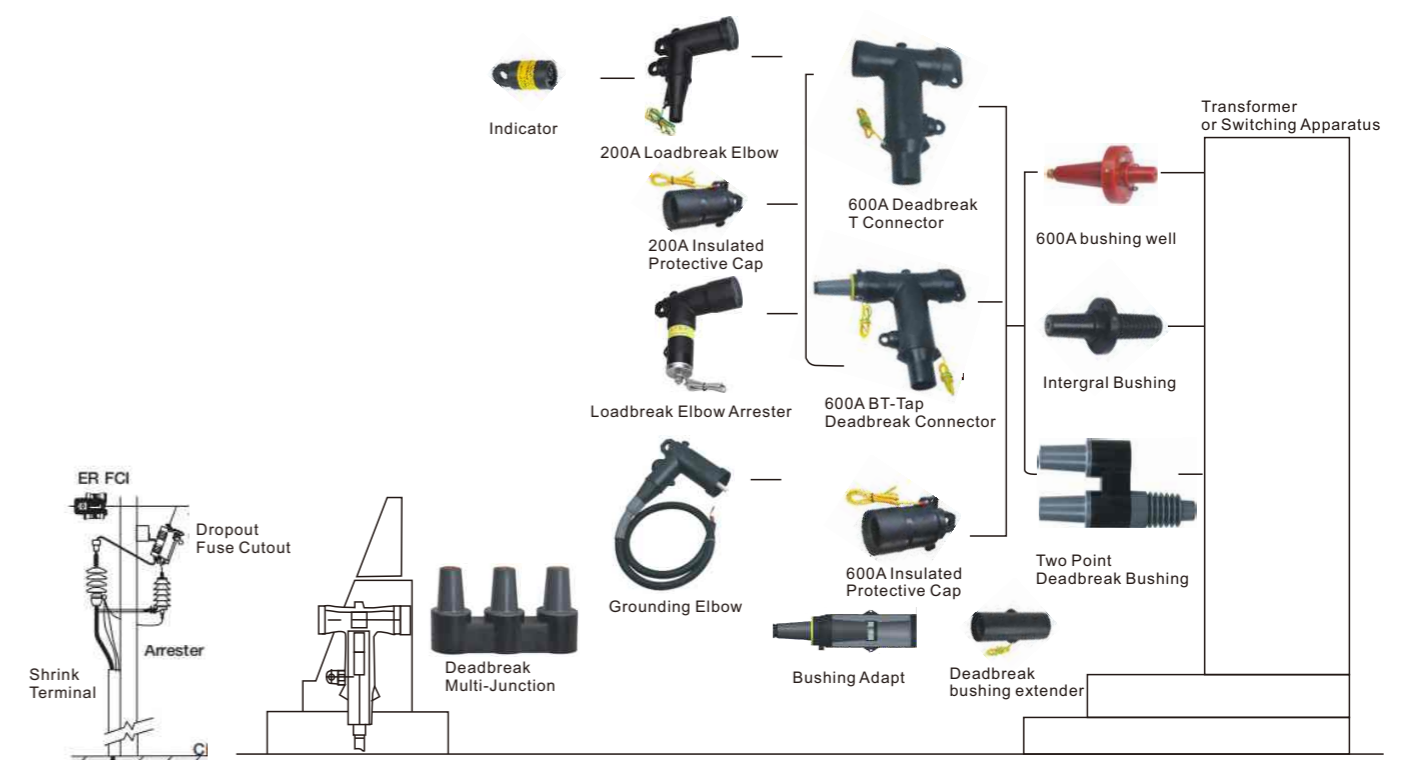
200A Loadbreak Series Application

200Amp Loadbreak Connectors and Accessories provide a safe, efficient method to connect or disconnect the cable to equipment on utility distribution systems. Loadbreak connectors are ideal for energized operations using standard hotstick tools. Loadbreak Connectors are submersible, fully shielded, plug-in terminations, used for connecting underground cable to transformers, switchgear, sectionalizing cabinets and junctions. The loadbreak connectors are molded using high quality, peroxide-cured EPDM insulation for extended life and reliable field performance. All Anhuang 200Amp Loadbreak Connectors meet the electrical, mechanical, and dimensional requirements of IEEE Standard 386-2006 TM standard, and are fully interchangeable with other major manufacturers currently complying with the IEEE Standard 386TM standard.



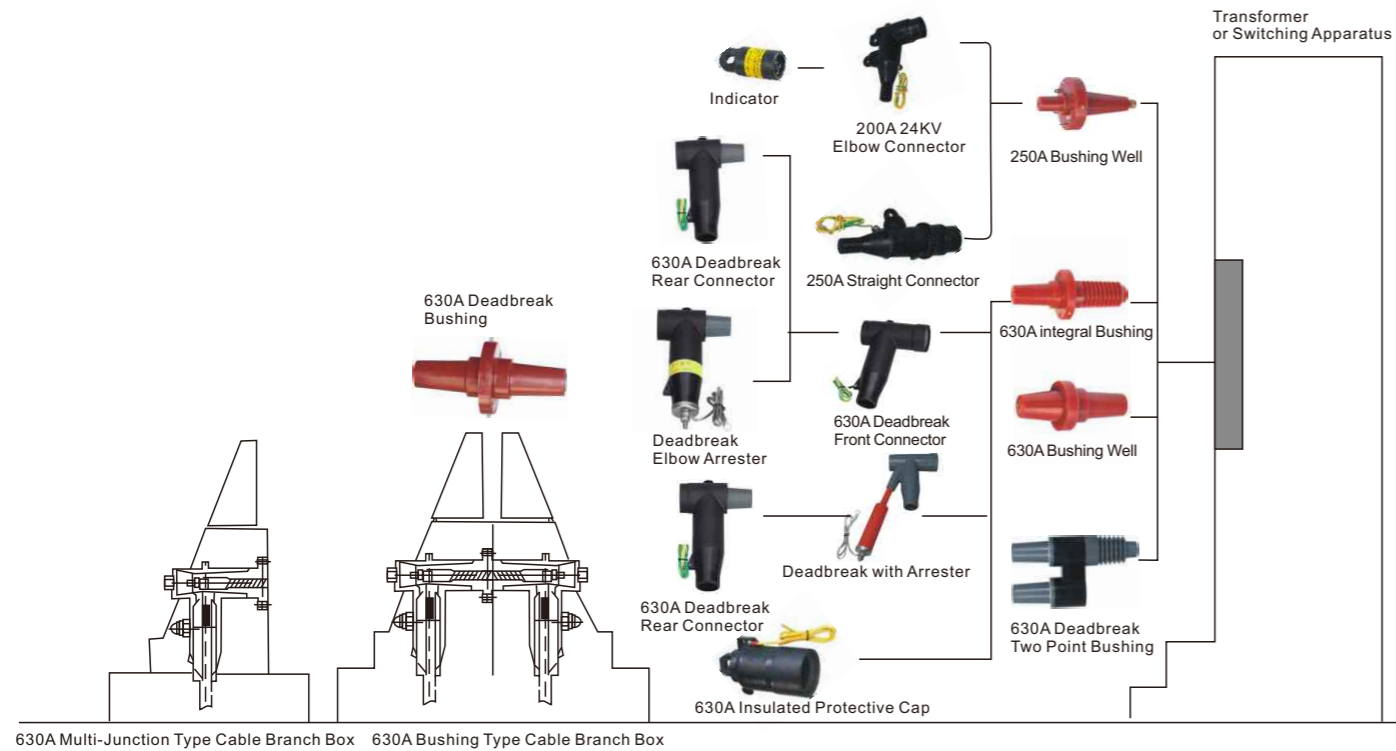
600A Deadbreak/200A Loadbreak series Application

600 Amp Deadbreak/200 Amp Loadbreak Connectors are used for deadfront underground installations on 600 Amp/200 Amp primary feeders and network circuits. They provide a completely shielded, dead front, fully submersible cable connection for medium voltage apparatus, such as transformers, switchgear, etc., and can also be used to make splices, junctions, taps and terminations for main underground, distribution feeders. The connectors can easily be connected and dis-connected using standard hand tools in accordance with installation instructions and standard safety procedures. All of the 600 Amp Deadbreak Connectors meet the electrical, mechanical, and dimensional requirements of IEEE Standard 386-2006TM standard, and are fully interchangeable with other major manufacturers currently complying with the IEEE Standard 386TM standard.



250A/630A Deadbreak Series Application

Deadbreak Connectors and Accessories provide a safe, efficient method to connect or disconnect XLPE cables to electrical equipment (e.g. RMU, switchgear, transformer, etc.) with outer cone bushing type "C" (EN50181) rated 8.7/12 kV, 17.5kV/24kV and 36kV, with current ratings from 400Amps to 800Amps. They provide a completely shielded, dead front, fully submersible cable connection for medium voltage apparatus. Our Deadbreak Connectors meet the electrical, mechanical, and dimensional requirements of IEEE Standard, and are fully interchangeable with other major manufacturers' interface "C" products.



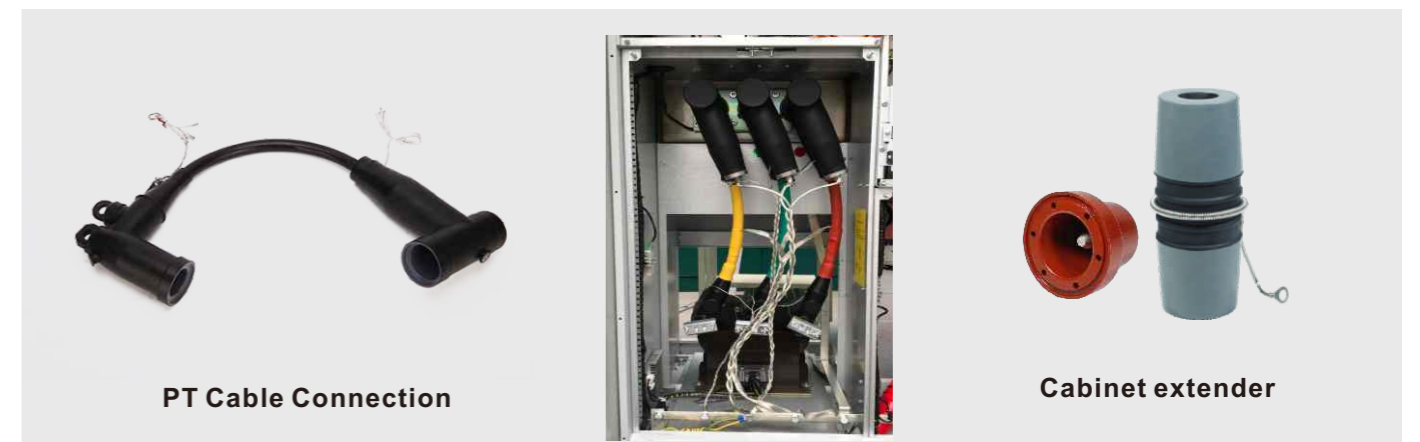
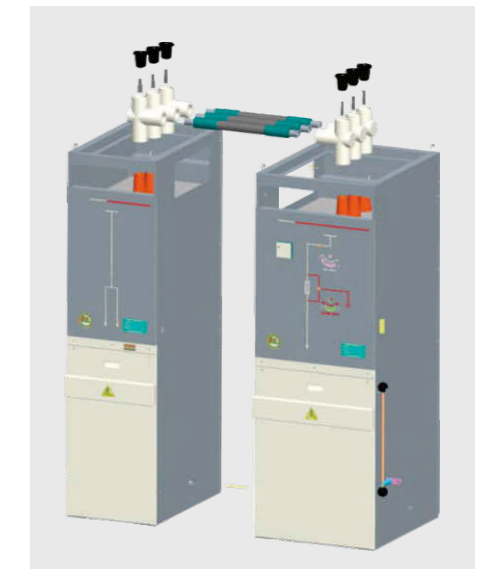
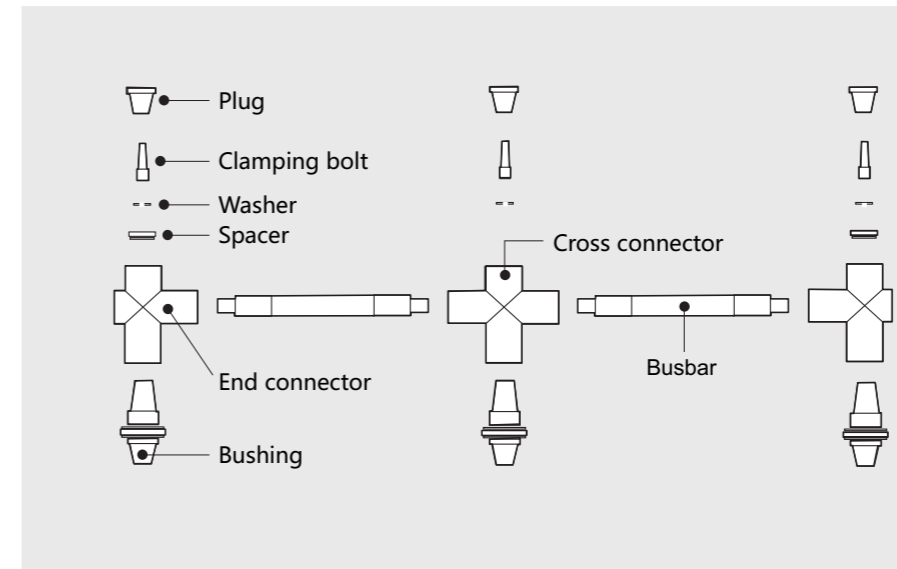
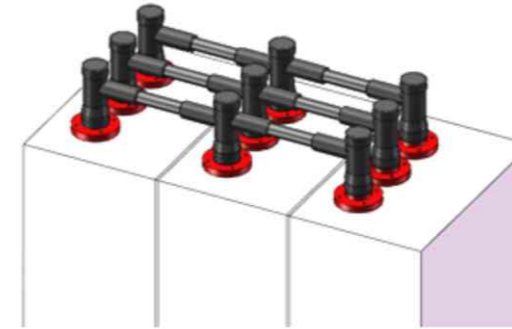
Apparatus Bushings

We offers a variety of epoxy bushings for IEEE/ANSI and IEC applications. Our Bushings can be installed in switchgear, transformer, or other equipments, and also suitable for connecting T-body or elbow arresters. The products are fully insulated and submersible.



Busbar Connection

Busbar connector system is made of silicone rubber, mainly applied for the connection for SF6 insulated switchgear with metal housing. Such special designed connector can be also made shielded or unshielded, which can electrically insulate and mechanically seal the connecting busbar and switchgear. The connecting interface conforms to type C according to EN50180, EN50181 and DIN47636



Transformer Components

Bayonet fuse holder

Bayonet Fuse Holders are used to protect transformers, switchgear, and distribution systems. They are designed for use in oil filled (or approved equivalents) single phase and three phase padmount transformers, switchgear, and submersible transformers. The assemblies combine the ease of hotstick operation with the safety of deadfront construction.

High Voltage Fuse

High voltage fuse can be used in the indoor system in order to protect the power transformer and other electric equipment from overload or short circuit, it is also can be used with other apparatuses such as load switch and vacuum contactor.

Loadbreak Switch

Oil-filled Loadbreak Switch is designed for prefabricated substation, and it's design according to IEC, IEEE standard.

Rotary Tap Changel

The switch adopts new structure, new material, new technology, having the advantages of reasonable structure, good hand-feeling, Flexible rotary, reach the position accurately etc, which applies to single-phase, three phase, combination oil-immersed transformer electrical power with frequency of 50HZ, 60HZ, rated voltage of 10-35KV, rated current of 60-125A.

Type Off Load De-energized Tap Changer

This instruction is suitable for strip-type off-circuit tap changer with its frequency of 50, 60Hz, rated current 63A and below, and rated voltage 33kV (Called tap changer below). This tap changer is used in the oil-immersed power transformer and being operated under off-circuit state.



Bushing Insert



Meter



Transformer Bushing



Bushing Well



Prefabricated LV bushing

Cold Shrink Products

Terminations

Cold Shrink Terminations offer easy installation reliable performance when terminating indoor outdoor medium voltage cable. Cold Shrink Terminal material is made with high quality silicon rubber and is high performance in insulation, resistance, corrosion resistance and UV resistance, the biggest advantage is to ensure long term use of stable performance.

Our Cold Shrink Terminations are designed to with stand voltages up to 35kV. They are tested according to IEEE/ANSI 48 standard.



Cold Shrink Joints

Suitable for Medium voltage level up to 36kV single core or three core power cable connection, Cold shrinkable cable termination kits and joints are made of liquid silicone rubber. There are suitable for cable section area range of 25mm²-400mm², with features of waterproof, moisture proof, excellent performance, easy installation.



Heat Shrink Products

Terminations

Medium voltage heat shrink products are used on electrical distribution cable networks and accessories, and other electrical equipment to provide the highest quality insulation solutions.

Solutions for power cable applications include cable terminations and splices to 35 kV. The products provide a cost effective alternative to hand applied tape, rubber moulded force-fit shapes, cold shrink rubber and resin based technology. The kits are tested according to the IEEE standards.

Heat shrink systems, with their heat activated sealants, provide the best moisture protection available while ensuring best "cable quality" consistency.



Heat Shrink Joints

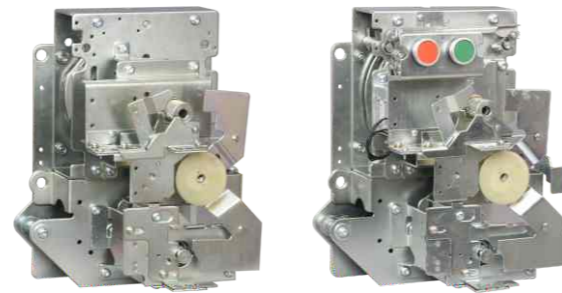
heat shrink joint kit widely used for voltage level up to 36kv XLPE cable or oil immersed cable terminal. It have advantages of Small size, light in weight, safe, reliable, easy to install.



Ring Main Unit Componets

Operation Mechanism

The operating mechanism creates and stores energy to operate the circuit breaker. It must always be able to trip the circuit breaker. Depending on the force required to operate the breaker, the circuit breaker may be equipped with one operating mechanism per phase or one mechanism for all three phases. The operating mechanism includes the energy storage medium, actuating circuit and interlocking systems.



Fuse Chamber



LoadBreak Switch



Vaccum Circuit Breaker
Combination Isolator
Disconnect Switch



SF6 LoadBreak Switch

Vacuum Interrupt

In electrical engineering, a vacuum interrupter is a switch which uses electrical contacts in a vacuum. It is the core component of medium-voltage circuit-breakers, generator circuit-breakers & high-voltage circuit-breakers. Separation of the electrical contacts results in a metal vapour arc, which is quickly extinguished. Our vacuum interrupters used in circuit breakers are engineered to last and meet the most demanding electrical and mechanical requirements.



Copper Busbar

Our professional engineer can support of OEM for C unit, F unit and V unit as customer's require.



MV Switchgear Ring Main Unit

The ring main unit(RMU) is an electrical device applied to the power supply unit of the secondary distribution system. The function of the ring main unit(RMU) is to connect the loop network and improve the reliability of the power supply, such as the loop operation of the loop network or the load cut of the ring network.

ANHUANG Ring Main Unit is simple in structure and small in volume and requires less application area. The ring main unit has the advantages of low price, low maintenance cost, good cost performance, good operation reliability, and can improve the power supply parameters.



Gas Insulated Switchgear



XGN series



KYN series

High voltage Cable Branch Box

DFW cable branch box is designed for outdoor maintenance free operation, safe and reliable and its protection degree reaches IP33. The underground branch connector is anti-flood. It is widely used in urban industrial district, residential district, commercial center, raining area, large sale enterprises such as steel, automobile, petroleum, chemical industry, and other occasions. It is particularly suitable for urban power grid reconstruction project, which can greatly save the investment of electrical equipment and cables, and improve the reliability of power supply.



Three Phase Oil Immersed Transformer



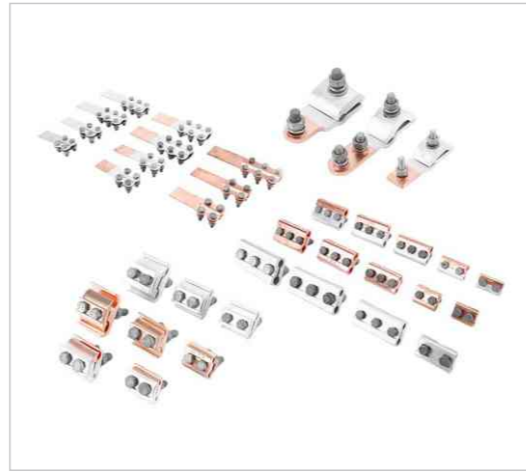
SC(B)&SG(Dry Type Transformer



Transmission Line Fittings



Insulation Piercing Connector-1



Anchoring Clamp



Insulation Piercing Connector-2



Leading Copper

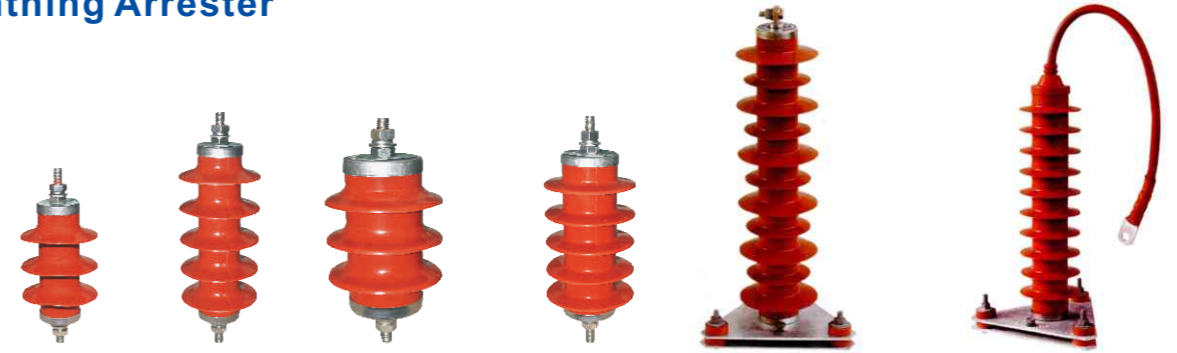


Insulation Piercing Connector-3



PA strain Clamp

Lightning Arrester



Composite Insulator



Dropout Fuse Cutout



PT / CT Series

