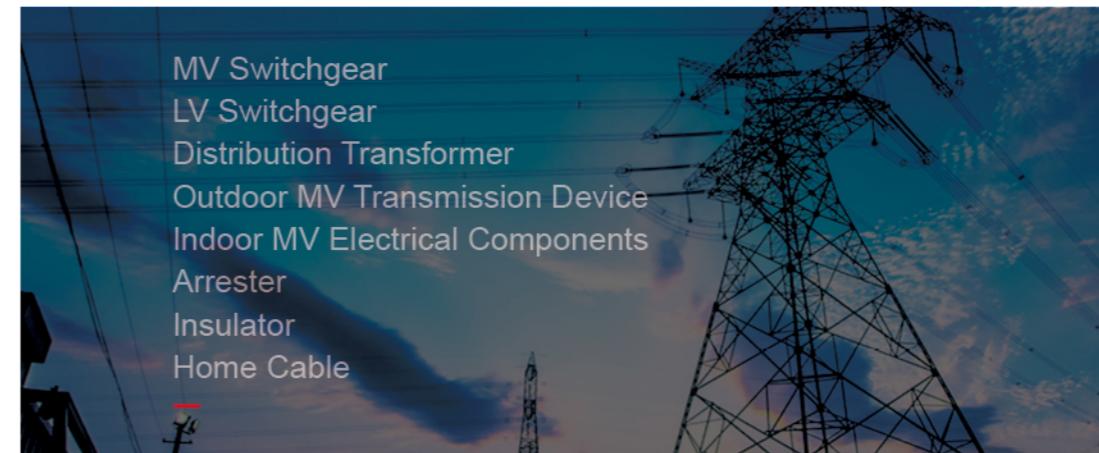


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## DELIXI MV GENERAL CATALOGUE

EASY Electric

# DELIXI

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# DELIXI

## DELIXI GROUP

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- Large Joint Venture Company of Low Voltage Electrical Apparatus Industry.
- Overseas coverage of 50 + countries to achieve global popularity.
- China has 30000 + stores, which are widely used in major key industries.
- The industry took the lead in winning five-star brand and five-star service certification, and successive low-voltage electrical appliances enterprises.
- Internationalized R&D technology platform, product platform in the leading position in the world.
- Strive to create the most advanced quality system in the industry.

Founded in 1984, Delixi Group is a large-scale enterprise group integrating industrial operation, brand operation and capital operation. It has been ranked among the top 500 Chinese enterprises for 17 consecutive years and has more than 20,000 employees.

As a leading company in China's electrical industry, Delixi has five production bases, electrical products in China with more than 40,000 sales outlets, product and service support network covering more than 60 countries and regions.

While gathering the main business of intelligent electric power, Delixi also actively deployed strategic emerging industries such as environmental protection, exchange of things, militar, and strived to promote the harmonious coexistence of economic growth, eco-friendliness, good life and national construction.

Quality is the foundation of Delixi's establishment, and technological innovation is the inexhaustible source of Delixi. The Group has the first national enterprise technology center and post-

doctoral research station of the same industry in the country, and has won the "National Science and Technology Progress Award" three times. The products serve major projects and foreign aid projects in more than ten key industries such as national defense, metallurgy, transportation, petroleum and chemical industry. Successfully assisted major projects such as "Shenzhou", "Change" and "Beidou" satellite navigation system.

Since its inception, Delixi has actively fulfilled its corporate social responsibility while creating huge economic benefits for the society. It has donated more than 200 million yuan for charitable and public welfare undertakings such as poverty alleviation, education and environmental protection.

"German newspaper humanity, creating the future" is Delixi's unwavering corporate mission. Rooted in the real economy and self-improvement of the industry, Delixi always adheres to innovation and development, and the industry is committed to the country, creating sustainable value for global users and Chinese society.

## China Electrical Leading Brand A Global Company At Your Service

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## MV Switchgear

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### KYN61A-40.5 Armored Metal Enclosed Switchgear

KYN61 A40.5 Switchgear is equipped with ZN85AZN85B vacuum circuit breaker, or SF1, SF2 from Schneider Company, or FP series SF6 circuit breaker from ALSTOM Company. The switchgear adopts assembled structure, which improves the appearance and production precision. The busbar adopts pyrocondensation insulating material and epoxy coating. insulation. The shape of the electrode is optimized with a compact cabinet structure. It has perfect "5-defend" functions. KYN61A405 Switchgears are used for 40.5kV three phase AC 50Hz electric power system. They are used to distribute electric power for power plants, electrical substation and power distribution control rooms of industrial and mining establishments. It can control, protect and monitor electric circuits.



### XGN20-12L/630-25 XGN20-12RL/125-315 Indoor AC High Voltage SF6 Ring Network Switching Equipment

XGN20-12L1630-25 and XGN20-12RL1125-315 indoor AC high voltage SF6 Ring Main Unit (hereafter "RMU" for short) is a new generation of metal enclosed switchgear with SF6 load switch as the main switch. The whole switchgear is air insulated, using sensor technology and latest relay protection components with a leading international design level.

XGN20-12V/1250-315 indoor AC high voltage vacuum circuit breaker Ring Main Unit is applied with vacuum circuit breaker as the main switch. With simple and compact structure, flexible and convenient operation, reliable and effective interlock, this kind of switchgear is mainly used for ring network power supply or dual radiation power supply system with three phases, rated frequency of 50-60Hz and rated voltage of 12kV, as the circuit control and protection device.

### MVnex Armoured Transfer Type AC Metal-enclosed Switchgear

For use in three-phase AC power systems with a rated voltage of 12 kV and a rated frequency of 50 Hz for receiving and distributing electrical energy and for controlling, protecting and monitoring circuits. Schneider Authorized Switchgear.

### CDSM6-12/24kV Switchgear

CDSM6 switchgear has been specifically designed on the basis of that extensive experience.

It also incorporates some very new solutions, giving the best in terms of continuity of service and operators' safety.

### KYN28A-12(GZS1-12) Armored Mounted AC Metal-enclosed Switchgear

KYN28A-12(GZS1-12) Indoor AC metal-clad withdrawable switchgear (hereafter referred to as "switchgear") is an advanced medium-voltage switchgear, developed by Xi'an Senyuan corporation. We had developed the miniaturization withdrawable switchgear cabinet of 650 width based on their technologies. It is suitable for the applications in three-phase AC electric power system with rated voltage of 12kV and rated frequency of 50Hz for the acceptance and distribution of the power, and also provides control, protection and monitoring of the circuit. Technical transferred is also provided by the same corporation.

### KYN28A-24(SDK1-24) Armored Removal AC Metal-enclosed Switchgear

KYN28A-24(SDK1-24) withdrawable metal-enclosed AC Switchgear (hereafter referred to as "switchgear") is used for the three-phase 50/60Hz rated voltage of 24kV electric power system, such as power plants, electric power substations, industrial & mining enterprises and high-rise buildings used as the power receiver and distribution as well as circuit control and monitoring.

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## LV Switchgear

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### Blokset Low-voltage Switchgear

They are widely used in power plants, substations, industrial and mining enterprises, buildings and hotels, airports, terminals and communication centres such as radio and television as PCs in power generation, transmission and distribution, electrical energy conversion and electrical energy consumption. They are used as PCs in power generation, transmission and distribution, electrical energy conversion and power consumption, and as MCCs in motor control centres.

Schneider Authorized Switchgear.



### MDmax Low-voltage Switchgear

They are widely used in power plants, substations, industrial and mining enterprises, buildings and hotels, airports, terminals and communication centres such as radio and television as PCs and motor control centres for power generation, power transmission and distribution, electrical energy conversion and electrical energy consumption. PC and motor control centre MCC in power distribution.

ABB Authorized Switchgear.



### GGD Low-voltage Switchgear

Suitable for power plants, substations (stations), industrial and mining enterprises and other power users as power conversion, distribution and control of power, lighting and distribution equipment in power distribution systems with AC 50Hz, rated working voltage and rated insulation voltage of 380V, 660V and rated working current up to 5000A.



### CDNES Low-voltage Switchgear

The switchgear is suitable for power supply systems with AC 50 (60) Hz, rated working voltage and rated insulation voltage of 400V, 690V and rated current of 4000A and below in the three-phase five-wire system, and can be used in power plants, substations, industrial and mining enterprises, buildings and hotels, airports, terminals and communication centres such as radio and television, for power generation, power transmission and distribution, power conversion and control of power consumption equipment, and reactive power compensation for its main bus through capacitor compensation cabinets.



### CDMNS1 Low-voltage Draw-out Type Electrical Switch Cabinet

Cabinet switch is developed by DELIXI, which is based on the MNS low-voltage switchgear series produced by Swiss ABB. The electrical switch cabinet is composed of standardized, serialized modules. The drawers are equipped with reliable mechanical interlock devices, to ensure the safety and reliability during operation. The switchgear is suitable for three-phase five-wire power supply system with a frequency of 50(60)Hz, rated voltage of 380(400)V, rated insulation voltage 660V, rated current of 5000A. It can be used for power plants, power substations, industrial & mining enterprises, buildings, airports, wharf and radio & television centers, to control the power generation, power distribution, electricity transformation and power consumption. In addition, it can offer reactive power compensation for the main busbar by capacitance compensation.



### SIVACON 8PT Low-voltage Switchgear

They are suitable for three-phase four-wire and three-phase five-wire power systems with a rated working voltage and rated insulation voltage of 400V, 690V and a rated current of 6300A and below, and are widely used in power plants, substations, industrial and mining enterprises, buildings and hotels, airports, terminals and communication centres such as radio and television, as PCs for power generation, transmission and distribution, electrical energy conversion and electrical energy consumption. They are used as PCs in power generation, transmission and distribution, power conversion and power consumption, and as MCCs in motor control centres.

Siemens Authorized Switchgear.

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## Distribution Transformer

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### 10-35KV Hermetically-sealed Oil-immersed Distribution Transformer

The hermetically-sealed oil-immersed distribution transformer is widely used in the power distribution system. Owing to the elasticity of shell, it could adapt the inflation of the oil when under high temperature.



### 10-35kV SC(B) Epoxy Resin Dry-type Distribution Transformer

The dry-type distribution transformers are casted with epoxy resin, which are made of high quality materials by means of a strict process with advanced production and testing devices. The product features high reliability and long service life. In accordance with different operation environment, it can be equipped with different protection casings or without casing. It can replace the oil-immersed transformer and be used in the high buildings, business centers, airports, tunnels, chemical plants, nuclear power stations and watercrafts etc.

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## Outdoor MV Transmission Device

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### ZW20A-12 Outdoor High-voltage AC Vacuum Circuit Breaker

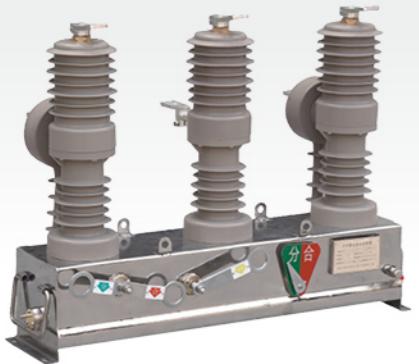
ZW20A-12 outdoor high-voltage AC vacuum circuit breaker (hereinafter referred to as breaker) rated voltage 12KV, 50Hz, as load current, overload current and short circuit current in outdoor power distribution equipment and breaking-closing power system. Suitable For substation and industrial and mining power distribution system as protection and control, more suitable for rural power grids and frequent operation place. This product with a controller meets the requirements of distribution automation system, and can reliably and effectively complete the traditional functions overlap.



### ZW20A-12F/M Outdoor High Voltage AC Vacuum Circuit Breaker with permanent magnet boundary

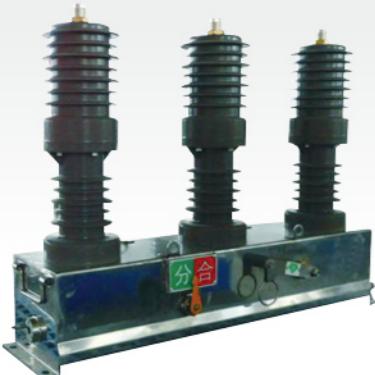
ZW20A-12F /M-type outdoor high voltage AC vacuum circuit breakers permanent magnet boundary (hereinafter referred to as the cut-off circuit breaker) is a new intelligent products based on the research and development of ZW20A-12F circuit breaker. It mainly configures with a permanent magnet vacuum breaker body, MGK-41 controller, an external voltage transformer.

This products is widely used in 10kV urban and rural distribution network overhead ring circuit as the isolation switch and the contact switch, can realize ring load current deployment of automation switching means, as the boundary switch (commonly known as "watchdog") in large user-powered branch line, the boundary breaker has a protective control functions and communication capabilities. It can reliably determine and detect boundary milliamps another zero-sequence current and phase short circuit fault current, to automatically remove single-phase ground fault and phase-phase short circuit fault.



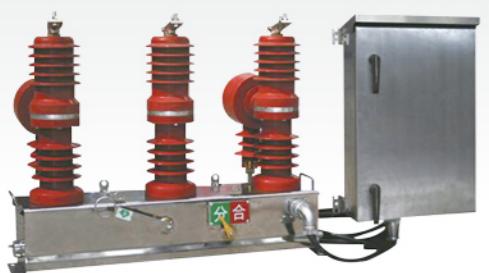
### ZW32-12/24/33kV Outdoor Vacuum Circuit Breaker+Recloser

ZW32-12、24、33kV outdoor vacuum circuit breaker + recloser is outdoor distribution equipment with rated voltage 11kV and three-phase AC 50Hz. It is combined micro processing technology, modern network communication technology and the new switch manufacturing technology together, and has multi-protection and functions, such like overload, short circuit, quick break, earthing, reclosing, remote control and remote communication, etc. It is mainly used for breaking and closing the power system load current, overloads current and short-circuit current. Widely used in urban power grid as a section or contact switch, or for rural electric power distribution system of outdoor substation as a outgoing switch.



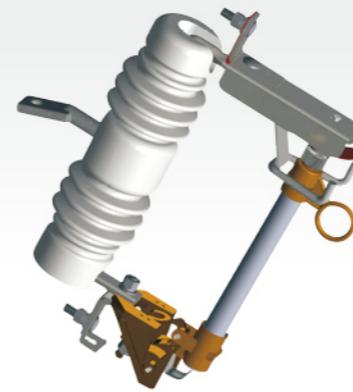
### ZW32-12/M630-20 Outdoor High Voltage AC Permanent Magnet Vacuum Circuit Breaker

ZW32-12 /M630-20 outdoor high voltage AC permanent magnet vacuum circuit breaker is a three-phase AC 50Hz, rated voltage of 12kV, mainly for the power distribution series in rural power grids, urban and industrial and mining enterprises, as breaking and closing load current, overload current and short circuit current for the purposes, especially for the place like frequent operations and oil-free transformation.



### ZW32-12F Outdoor High-voltage AC Dividing Vacuum Circuit Breaker

ZW32-12F type outdoor high-voltage AC dividing circuit breaker is a new intelligent product developed in ZW32-12, consisting of three major parts: vacuum circuit breaker body, intelligent controller and external voltage transformer, the product is suitable for use in 10kV city network and agricultural network overhead ring network lines as sectional isolation switch and contact switch, which can realize automatic switching device for load deployment in ring network lines, and in large users The product is suitable for use as a sectional disconnector and contact switch in overhead ring network lines of 10kV urban and agricultural networks, and as an automatic switching device for load deployment of ring network lines, and as a demarcation switch (commonly known as "open-door dog") in branch lines of large users. The boundary breaker has protection and control functions and can reliably judge and detect the zero sequence current in the boundary to automatically remove single-phase earth faults and phase-to-phase short-circuit faults.



### Drop-out Fuse

Drop-out fuses and pull-down fuses are outdoor high-voltage protection appliances. It is installed on the high voltage side of the distribution transformer or on the branch line of the distribution line. It is used as short circuit, overload protection and split and combined load current of the transformer and line. The Drop-out fuse consists of two parts: an insulating bracket and a fuse tube. The static contact is installed at both ends of the insulating bracket, the movable contact is installed at both ends of the fuse tube, and the fuse tube is composed of the arc extinguishing tube of the inner layer and the phenolic paper tube or the epoxy glass tube of the outer layer. Control load Drop-out fuse enhanced auxiliary contact and arc extinguishing cover, which is used to split and combined load current.



### PGS-630A Pole Mounted SF6 Intelligent Load Break Switch

Drop-out fuses and pull-down fuses are outdoor high-voltage protection appliances. It is installed on the high voltage side of the distribution transformer or on the branch line of the distribution line. It is used as short circuit, overload protection and split and combined load current of the transformer and line. The Drop-out fuse consists of two parts: an insulating bracket and a fuse tube. The static contact is installed at both ends of the insulating bracket, the movable contact is installed at both ends of the fuse tube, and the fuse tube is composed of the arc extinguishing tube of the inner layer and the phenolic paper tube or the epoxy glass tube of the outer layer. Control load Drop-out fuse enhanced auxiliary contact and arc extinguishing cover, which is used to split and combined load current.



### GW5-40.5, 72.5, 126(W) III Outdoor Three Phase AC High Voltage Disconnecting Switch

GW5-40.5, 72.5, 126(W) I 630、1250、1600、2000 Distyle Fracture Level Rotation Outdoor Three Phase AC High Voltage Disconnecting Switch (hereinafter called switch) is supplied to high voltage circuitry for throwover under no load condition, and is used as electric disconnect for overhauled high voltage bus, breaker and such high voltage electric device and high voltage circuitry with electricity.

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## Indoor MV Electrical Components

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### ZN63S-12/24 (VS1) Indoor High Voltage AC Vacuum Circuit Breaker

ZN63S-12/24(VS1+) indoor high voltage AC vacuum circuit breaker is a kind of indoor high voltage switchgear of 3-phase AC, 50 Hz with rated voltage of 7.2~12kV. It is used as protection and control elements in electric wire netting equipment, power equipment of industrial and mineral enterprises.

The breaker conforms to the national standards of GB1984-89" AC High Voltage Circuit Breaker", JB3855-96" 36405kV Indoor High Voltage AC Vacuum Circuit Breaker", DL403-91" Technical Conditions for Ordering 10-35kV Indoor High Voltage Vacuum Circuit Breaker" and as well as the relative EC standards.



### ZN85A-40.5 Indoor High Voltage AC Vacuum Circuit Breaker

ZN85A-40.5 indoor high voltage AC vacuum circuit breaker is a new breaker which is participated with Xi'an HV research LTD and our company.

The breaker is applied to the systems of 3-phase AC 50Hz 35kV in industrial and mineral enterprises, power plant and substations for cutting and closing load current, overload current and failure current. It is also suitable for the sites where frequent operations are required.

The breaker conforms to the requirements of the standards of GB1984-1989 "High voltage AC Breaker", and "Vacuum Circuit Breaker" of IEC 62271-100:2001.



### ZN63A(VBM7)-12/24kV Side Mounted Circuit Breaker

VS1-12-24 side-mounted (VBM7) vacuum circuit breaker is an indoor high voltage switchgear. Suitable for rated voltage 12 to 24 kV, frequency 50Hz three-phase power system, as a protection and control appliance use, due to the special advantages of vacuum circuit breaker, especially suitable for frequent operation of rated current, or multiple times to break the short circuit current. VS1-12-24 side-mounted type (VBM7) vacuum circuit breaker adopts fixed installation, mainly used for fixed switchgear, the circuit breaker can be used alone, and can be used for ring network power supply, box-type transformer or various non-standard power supply systems.



### LZZBJ9 Indoor Medium voltage Switchgear 600/5 12/24kV Full Enclosed Current Transformer

LZZBJ9-12/24 Current Transformer(CT) is an indoor epoxy resin cast pillar type full working condition product, used for current and energy metering or relay protection in power systems with rated frequency of 50Hz and rated voltage of 12/24kV and below. It is suitable for Mid mounted switchgear and other types of switchgear.

This model of Current Transformer can also produce secondary and tertiary winding complex ratio structures according to user requirements.

The LZZBJ9 current transformer has the characteristics of small size, light weight, superior insulation performance, high accuracy, high dynamic and thermal stability, strong flexibility, easy installation, and multiple outlet methods to choose from. Special specifications can also be customized according to user need. LZZBJ9 CT can be executed according to the standards IEC44-1:1996 and GB1208-1997.



### JDZX10-12 12/24kV Indoor High Voltage Cast Resin Dry Type Voltage Measuring Transformer Potential Transformer

JDZX10-12/24 indoor potential transformer is casting resin insulated, handcart type, with protective class and fully enclosed. It is used for metering electric energy and current monitoring, relay protection in the electrical system of rated frequency 50/60Hz rated voltage 12/24kV.

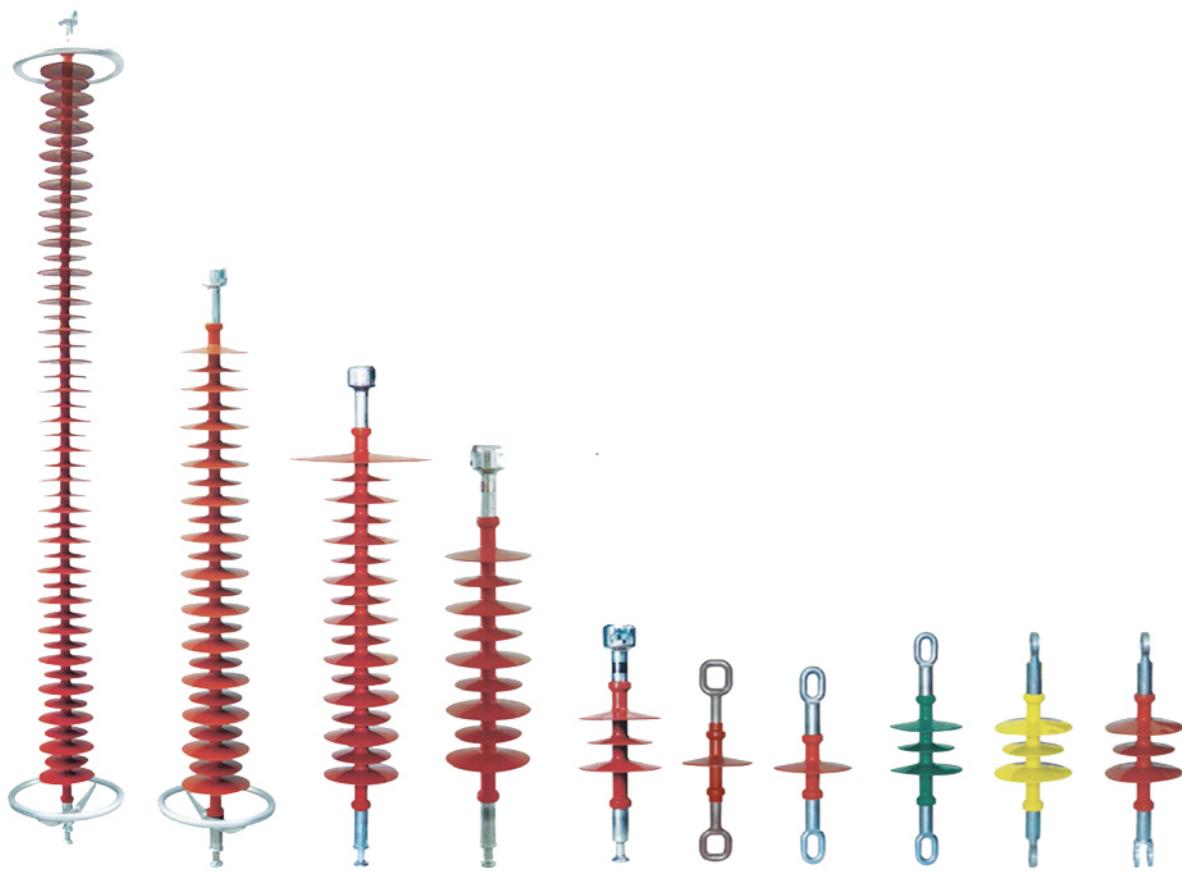
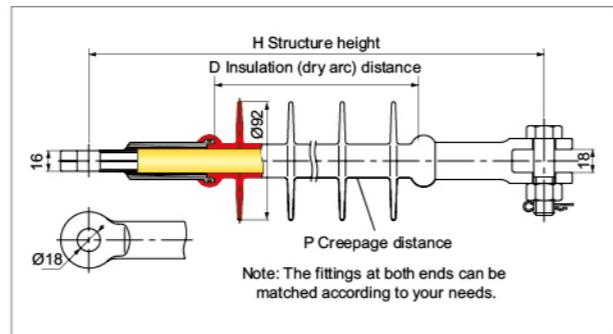
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## Insulator

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### Composite Insulator

Composite rod-shaped suspension insulator for high-voltage lines are suitable for use in various areas, especially in pollution and heavy pollution areas. The operating experience shows that in areas where composite insulators are used, the lightning flashover rate is greatly reduced. These products have high tensile strength, good antifouling performance, and are easy to install and resist collision.



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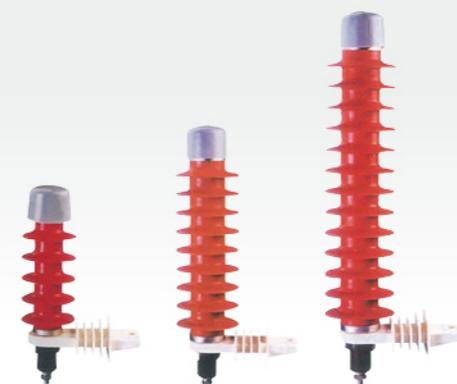
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## Arrester

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### 10-35kV Lighting Arrester

28kV-110kV Metal Oxide Arrester with Compound Sleeve without Gap for AC system is used as an important protective appliance to protect transformer equipment of 0.22kV-110kV AC power system from being damaged by thunder, lightning and switching overvoltage.



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## Home Cable

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