

Ceepower

# Medium & High Voltage Distribution Components



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# About Ceepower

Energy Internet System Solutions Provider

Ceepower Co., Ltd., founded in 1999, is a technology-driven enterprise specializing in medium-high voltage cable connection systems and power distribution solutions. Listed on the Shenzhen Stock Exchange (Stock Code: 300062) in 2010, it has emerged as one of the leading electrical equipment manufacturers in China.

## · Quality and Technology

Ceepower upholds a quality-first philosophy. In-house EPDM compounding and **ISO 9001-certified** production ensure stable performance and full traceability. All products are tested to **IEC** and **IEEE** standards by accredited laboratories.

## · Global Presence

Ceepower supplies utilities and partners in **30+** countries and is an approved vendor to the **State Grid of China** and **Saudi Electricity Company (SEC)**. **KEMA, LAPEM, and RETIE** certifications demonstrate its reliable performance and global compliance.

## · Customer Value

Ceepower delivers reliable, easy-to-maintain cable connection systems that enhance grid stability and reduce lifecycle costs, helping customers achieve safe, efficient, and long-term power performance.



**430+ Million**  
USD in Assets



**1,000+**  
Employees



**200+**  
Patents & Software  
Copyrights



**30+**  
Countries and  
Regions Sold



**180,000m<sup>2</sup>**  
Factory Area



# Certifications and Quality Systems

Ceepower operates an integrated management system to ensure product quality, environmental protection, and workplace safety, fully aligned with international standards.

## • ISO Management Systems

### ISO 9001 – Quality Management

Certified by QAC; ensures consistent, traceable, and continuously improved production.



Quality Assurance Centre of China Association for Quality

### ISO 14001 – Environmental Management

Supports green manufacturing and efficient resource use.



China National Accreditation Service for Conformity Assessment



International Accreditation Forum

### ISO 45001 – Occupational Health & Safety

Safeguards employees and ensures safe, reliable operations.

## • International Certifications

### KEMA Type Test Certification

Issued by CESI Group – IPH Berlin (Germany)

Products type-tested to IEC 60502-4, IEC 61442, and IEC 60099-4 standards at CESI's IPH Berlin laboratory (KEMA Labs).

Tests verified compliance in electrical withstand, partial discharge, and short-circuit performance.



### LAPEM Prototype Acceptance (Mexico)

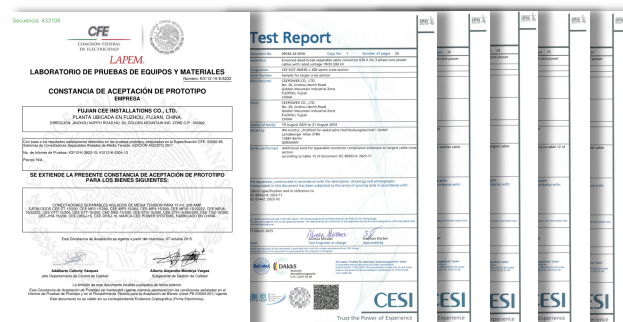
Issued by Comisión Federal de Electricidad – LAPEM Laboratory

Products approved under CFE 55000-99 for medium-voltage separable connector systems, qualifying for use in CFE utility networks.



### RETIE Certification (Colombia)

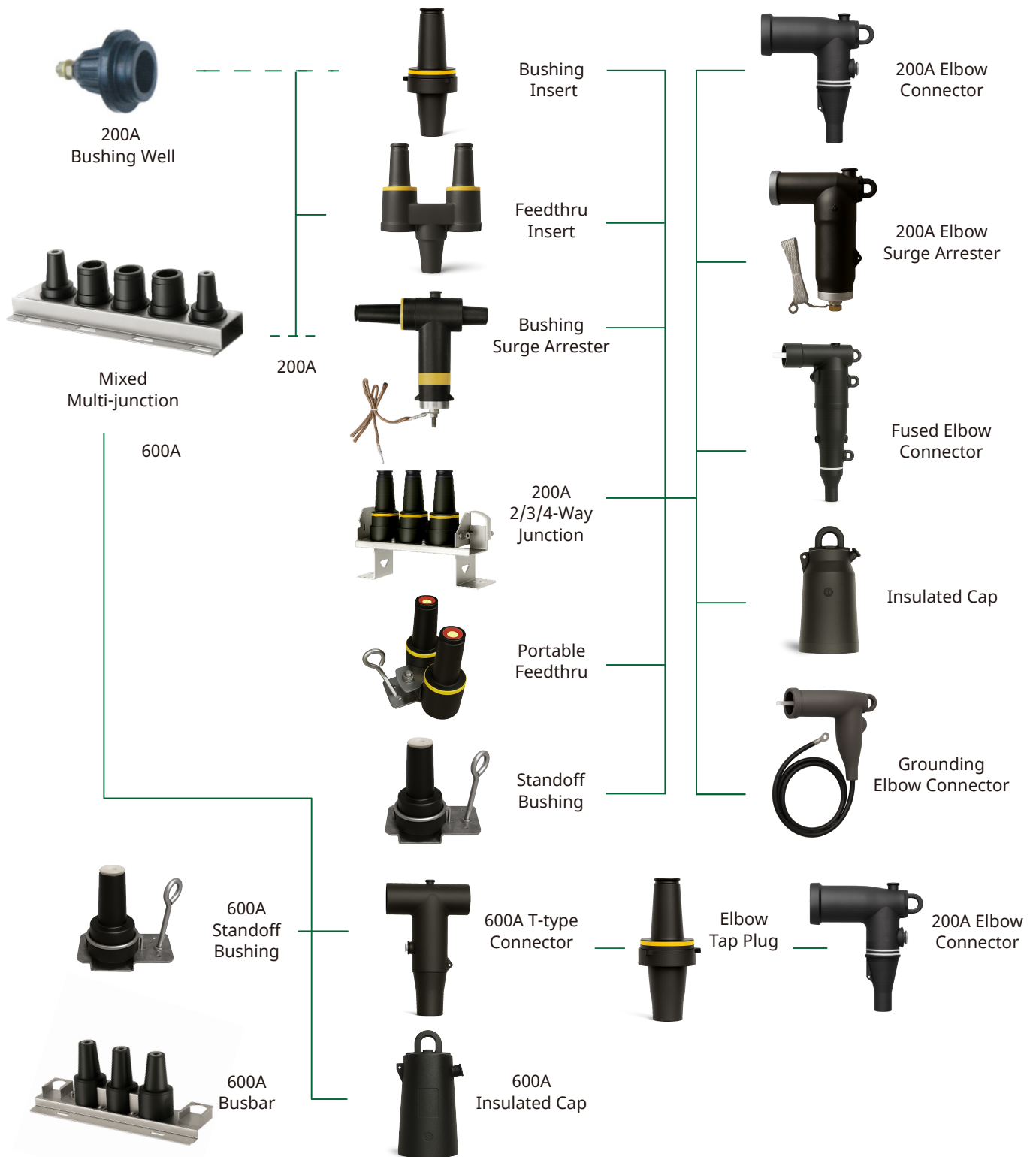
Issued under Colombia's national regulation for electrical installations, RETIE ensures that electrical products and systems used in generation, transmission, distribution or final use in Colombia comply with safety, health-and-environmental performance and conformity assessment requirements.





# IEEE Cable Accessories in Power Distribution

## • Application Diagram



## · Performance Overview

### 200A / 600A Loadbreak / Deadbreak Series

| Product Voltage Rating                  | 15 kV       | 25 kV       | 35 kV       |
|---|-------------|-------------|-------------|
| Maximum Phase-to-Phase Voltage Value    | 14.4 kV     | 26.3 kV     | 36.6 kV     |
| Maximum Phase-to-Ground Voltage Value   | 8.3 kV      | 15.2 kV     | 21.1 kV     |
| 1-Minute AC Withstand Voltage Value     | 34 kV       | 40 kV       | 50 kV       |
| 15-Minute DC Withstand Voltage Value    | 53 kV       | 78 kV       | 103 kV      |
| Impulse Voltage Value                   | 95 kV       | 125 kV      | 150 kV      |
| Minimum Corona Extinction Voltage Value | 11 kV < 3pC | 19 kV < 3pC | 26 kV < 3pC |

### Surge Arrester Series

| Duty Cycle Voltage Rating(kV) | MCOV(kV) | Maximum Discharge Voltage(kV Crest) (8/20μs Current Wave) | Standard Nominal Discharge Current, kA |
|-------------------------------|----------|---|--|
| 10                            | 7.2      | 27  | 5                                      |
| 12                            | 10.2     | 32.4  | 5                                      |
| 15                            | 12.7     | 40.5  | 5                                      |
| 17                            | 13.6     | 45  | 5                                      |
| 21                            | 17       | 53.9  | 5 or 10                                |
| 24                            | 19.5     | 61.6  | 5 or 10                                |
| 27                            | 22       | 69.3  | 5 or 10                                |
| 30                            | 24.4     | 76.5  | 5 or 10                                |

### Cold Shrink Termination

| Item  |   | 15 kV       | 25 kV       | 35 kV       |
|---|---|-------------|-------------|-------------|
| Product Voltage Class   |   | 15 kV       | 25 kV       | 35 kV       |
| Impulse Voltage Value   |   | 110 kV      | 150 kV      | 200 kV      |
| Minimum Partial Discharge Extinction Reference Voltage / Maximum Discharge Quantity |   | 13 kV / 5pC | 22 kV / 5pC | 30 kV / 5pC |
| AC Withstand Voltage  | 1-minute Dry Type                       | 50 kV       | 65 kV       | 90 kV       |
|   | 10-second Wet Type                      | 45 kV       | 60 kV       | 80 kV       |
|   | 5-hour Dry Type                         | 31 kV       | 50 kV       | 71 kV       |
|   | 15-minute DC Withstand Voltage Dry Type | 75 kV       | 105 kV      | 140 kV      |



## • Products Overview

### 200A Loadbreak



15kV / 25kV / 35kV 200A  
Loadbreak Elbow  
CEE ZT-15/200, CEE ZT-25/200,  
CEE ZT-35/200  
**IEEE Std 386**

### 200A Loadbreak



15kV / 25kV 200A  
Loadbreak Fuse Elbow  
CEE ZTRA-15/200, CEE ZTRA-25/200  
**IEEE Std 386**

### 200A Loadbreak



15kV / 25kV / 35kV 200A  
Bushing Insert  
CEE DTT-15/200, CEE DTT-25/200,  
CEE DTT-35/200  
**IEEE Std 386**

### 200A Loadbreak



15kV / 25kV / 35kV 200A  
Loadbreak Feed Thru Insert  
CEE STT-15/200, CEE STT-25/200,  
CEE STT-35/200  
**IEEE Std 386**

### 200A Loadbreak



15kV 200A  
Loadbreak Portable Feed Thru  
CEE STG-15/200  
**IEEE Std 386**

### 200A Loadbreak



15kV / 25kV 200A  
Loadbreak Insulated Standoff  
Bushing  
CEE DBG-15/200, CEE DBG-25/200  
**IEEE Std 386**

### 200A Loadbreak



600/200A Elbow Tap Plug &  
Loadbreak Reducing Tap Plug  
CEE ZHT-15/600/200  
**IEEE Std 386**

### 200A Loadbreak



15kV 200A  
Loadbreak Junction  
CEE MP□-15/200  
**IEEE Std 386**

### 200A Loadbreak



15kV / 25kV / 35kV 200A  
Loadbreak Protective Cap  
CEE JYM-15/200, CEE JYM-25/200,  
CEE JYM-35/200  
**IEEE Std 386**

**200A Loadbreak**



15kV 200A Grounding Elbow

CEE JDT-15/200  
**IEEE Std 386**

**600A Deadbreak**



15kV / 25kV / 35kV 600A  
T-Body Elbow

CEE TT-15/600, CEE TT-25/600,  
CEE TT-35/600  
**IEEE Std 386**

**600A Deadbreak**



15kV / 25kV 600A  
Deadbreak Junction

CEE MP□-15/600, CEE MP□-25/600  
**IEEE Std 386**

**600A Deadbreak**



15kV 600A  
Multi-Point Junction

CEE MPJ-15  
**IEEE Std 386**

**600A Deadbreak**



15kV / 25kV / 35kV 600A  
Insulated Protective Cap

CEE JYM-15/600, CEE JYM-25/600,  
CEE JYM-35/600  
**IEEE Std 386**

**600A Deadbreak**



15kV / 25kV 600A  
Deadbreak Standoff Bushing

CEE DBG-15/600, CEE DBG-25/600  
**IEEE Std 386**

**Surge Arrester**



M.O.V.  
Elbow Surge Arrester

CEE BLQ-15, CEE BLQ-25, CEE BLQ-35  
**IEEE Std 386**

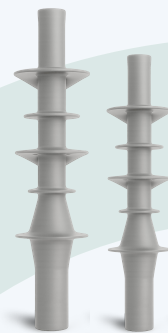
**Surge Arrester**



M.O.V.  
Bushing Surge Arrester

CEE DTTBQ  
**IEEE Std 386**

**Cold Shrink**

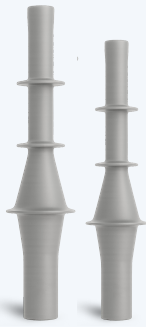


15kV / 25kV / 35kV Cold Shrink  
Outdoor Termination

CEE WLS-15, CEE WLS-25, CEE WLS-35  
**IEEE Std 48**



**Cold Shrink**



15kV / 25kV / 35kV Cold Shrink  
Indoor Termination  
CEE NLS-15, CEE NLS-25, CEE NLS-35  
**IEEE Std 48**

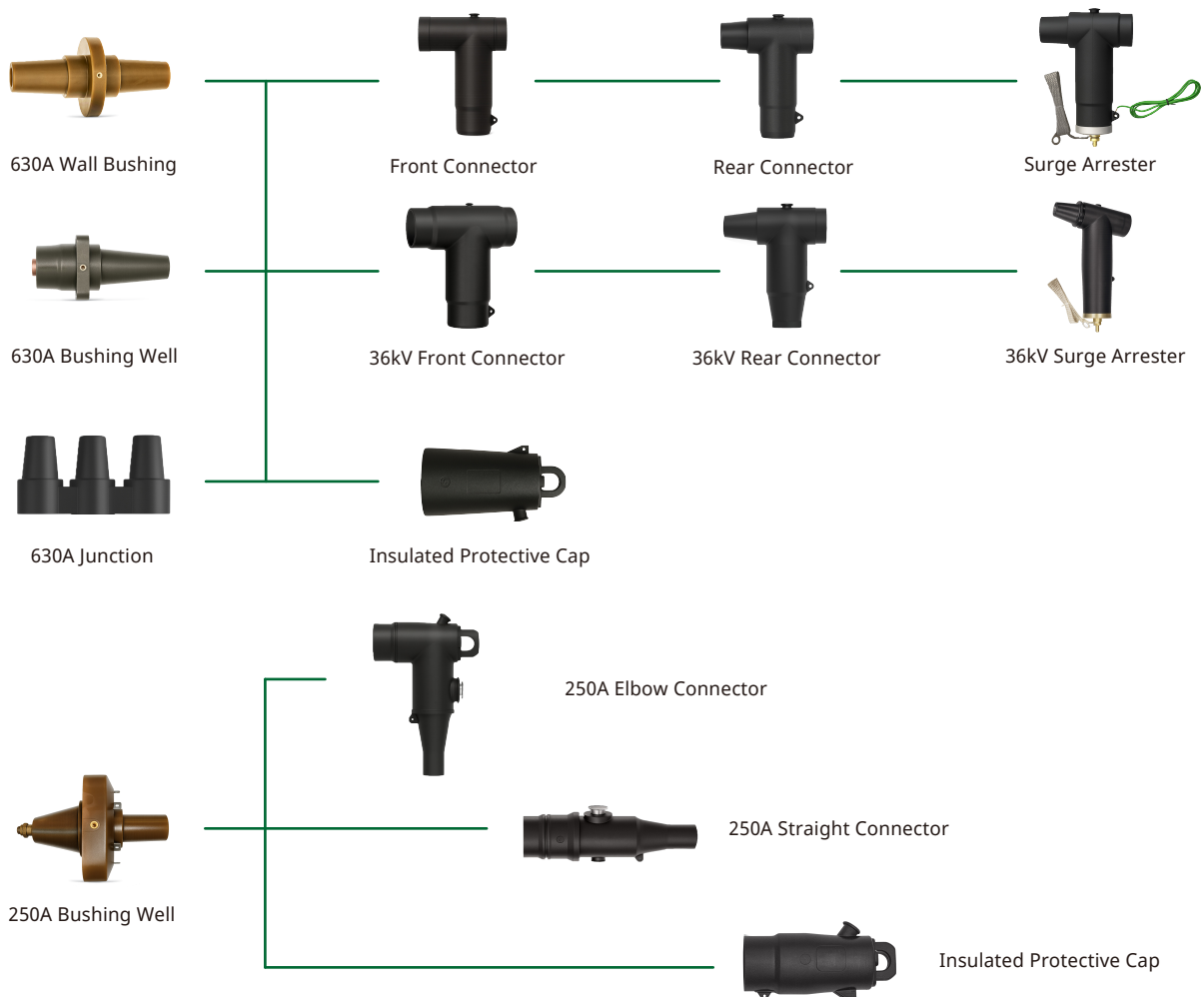
**Cold Shrink**



15kV / 25kV / 35kV Cold Shrink  
Straight Joint  
CEE JLS-15, CEE JLS-25, CEE JLS-35  
**IEEE Std 404**

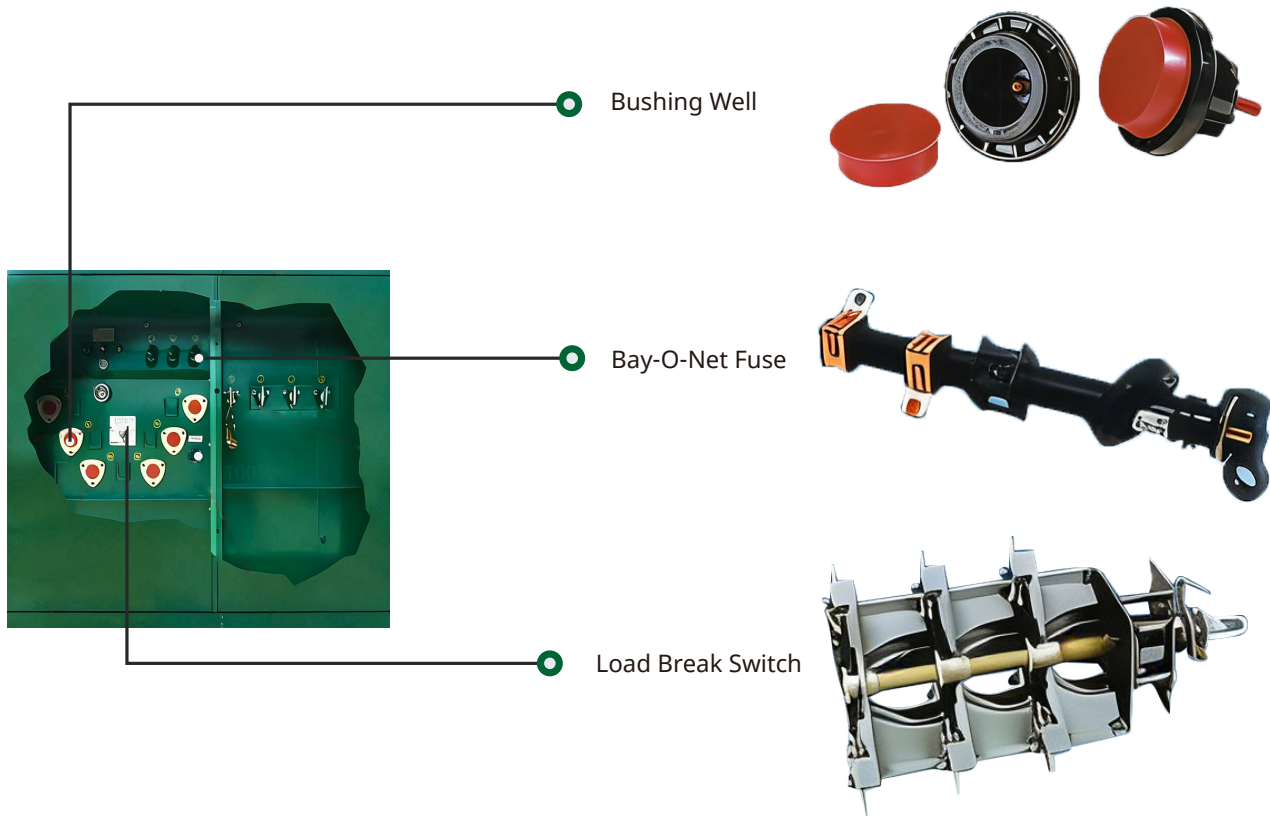
## IEC Cable Accessories in Power Distribution

### • Application Diagram



# Other Components and Accessories

## • Transformer Components



### Transformer Components



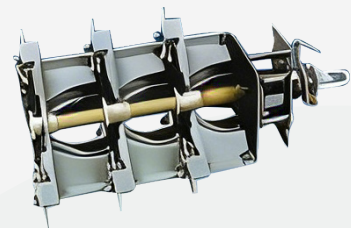
15kV 200A  
Bushing Well  
CEE TGZ-15/200  
**IEEE Std 386**

### Transformer Components



15kV 150A  
Bay-O-Net Fuse Assembly  
CEE B-O-N SM

### Transformer Components

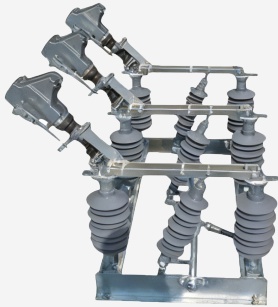


12kV / 24kV 315A / 630A  
Loadbreak Switches  
CEE FKY1-12/315-2, CEE FKY1-12/630-T,  
CEE BFY312-20/630-20



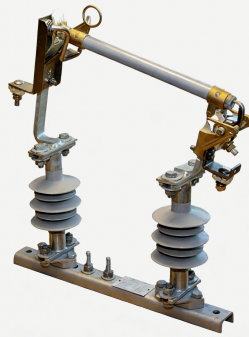
## · Overhead Line Products

Overhead Line



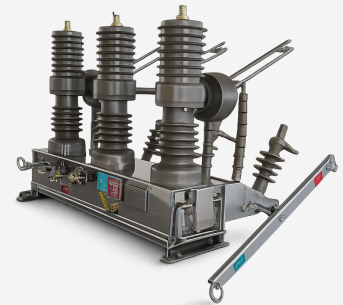
Load Break Switch

Overhead Line



Drop-out Fuse

Overhead Line



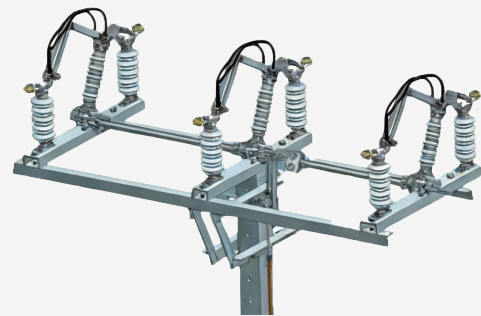
Vacuum Circuit Breaker

Overhead Line



Recloser

Overhead Line



Isolate Switch

## · Metering Units

Metering Unit



17.5kV Metering Unit

Metering Unit



17.5kV / 24kV / 36kV Metering Unit



**Company Address:**

20 Jinzhou North Road, Cangshan District,  
Fuzhou, Fujian Province, China

**Official Website:** [www.ceepowerglobal.com](http://www.ceepowerglobal.com)

**Email:** [global@ceepower.com](mailto:global@ceepower.com)

**Whatsapp:** +1 (626) 298-9924



Official Website