

About Us

Established in 1983, Jaker Electric Co., Ltd., has over 35 years of experience in this industry and continues to develop and invest in electrical power solutions. The company is engaged mainly in the development, manufacturing, and sales of power-equipment products. Its wide range of products includes circuit breakers, disconnecting switches, load break switches, line switches, arresters, and transformer components. It is worth emphasizing that we have a firm commitment to maintaining competitive prices and providing the highest quality, safest, and most practical products.



▲ Our certifications.

Chronicle

1983
1990
1999
2000
2002
2004
2005

- 1983 Mar.** The company was founded in New Taipei City and formally registered in 1984 as JAKER ELECTRIC CO., LTD.
- 1990 Mar.** The company focused on the research and development of the disconnecting switch (DS) and passed the Type Test through the Taiwan Electric Research & Testing Center (TERTEC, the Taiwan government's power-testing company) the following year (1991).
- 1991 Jul.** Capital was increased, and the factory was moved to its current location in Taoyuan City.
- 1992 Mar.** Jaker Electric successfully developed the load break switch (LBS) and passed the Type Test through TERTEC the following year (1993).
- 1996 Mar.** The business was expanded overseas to countries including China, Korea, Philippines and Indonesia, among others.
- 1997 Nov.** The first Taiwanese company passed the LBS Type Test through Xi'an High-Voltage test station (Mainland China's government power testing LAB).
- 1998 May.** Jaker Electric was certified as an ISO 9002 manufacturer. With its successful research and development of the fuse cutout, it became the first Taiwanese company to pass the Type Test through the Taiwan Power Company the following year (1999).
- 2000 Mar.** The company continued to manufacture its current limiting fuse base and passed the Type Test through TERTEC the following year (2001). It was also successful in developing the high-voltage power fuse mounting and was the first company to pass the Type Test through TERTEC the following year (2001).
- 2002 May.** Jaker Electric was certified as an ISO 9001 manufacturer.
- 2004 Mar.** Continuing to develop the arrester, Jaker became the first Taiwanese company to pass the Type Test through the Taiwan Power Company the following year (2005). It also successfully manufactured the fault current indicator and became the first company to pass the Type Test through TERTEC the following year (2005).
- 2005 Jan.** The company devoted its efforts to the development of distribution transformer components, the oil-immersed interrupter, and fuse and it was the first Taiwanese company to pass these Type Tests through the Taiwan Power Company the following year (2006).

2010

- 2007 Mar.** The company succeeded in developing the outdoor voltage sensor and became the first company in Taiwan to pass the Type Test through TERTEC the following year (2008).
- 2008 Mar.** Focusing on the development of the overhead line switch, Jaker Electric was the first Taiwanese company to pass the Type Test through the Taiwan Power Company the following year (2009).
- 2009 May.** In order to adapt to the growth in product demand and increased business projects, the company expanded its manufacturing plant at its present location.
- 2010 Jun.** In order to align with the policy of the Bureau of Energy (Ministry of Economic Affairs), Jaker Electric applied for TAF Laboratory Accreditation and successfully won certification the following year (2011).
- 2011 May.** The company applied for "original manufacturer certification licenses of high-voltage electrical equipment" from the Ministry of Economic Affairs and successfully won certification the following year (2012).
- 2012 May.** The company successfully developed the vacuum circuit breaker (VCB) and high-voltage distribution panel, passing the Type Tests through TERTEC the following year (2013).
- 2013 Feb.** The company was successful in developing the railway vacuum circuit breaker and passed the Type Test through TERTEC the following year (2014).
- 2016 May.** Jaker Electric was qualified by KEPCO as a supplier for 22.9kV pad mounted distribution transformers components.
- 2017 Apr.** The company successfully developed the pad mounted four-way switchgear, passing Type Test through Taiwan Power Company.
- 2017 Apr.** The company successfully developed the low voltage current transformer, passing Type Test through Taiwan Power Company.
- 2018 Aug.** The company successfully developed the pad mounted two-way switchgear, passing Type Test through Taiwan Power Company.

JAKER ELECTRIC CO., LTD.

Product Catalogue

- Distribution
- Overhead System
- Transformer Components
- Other Products

Information

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Distribution For Cubicle

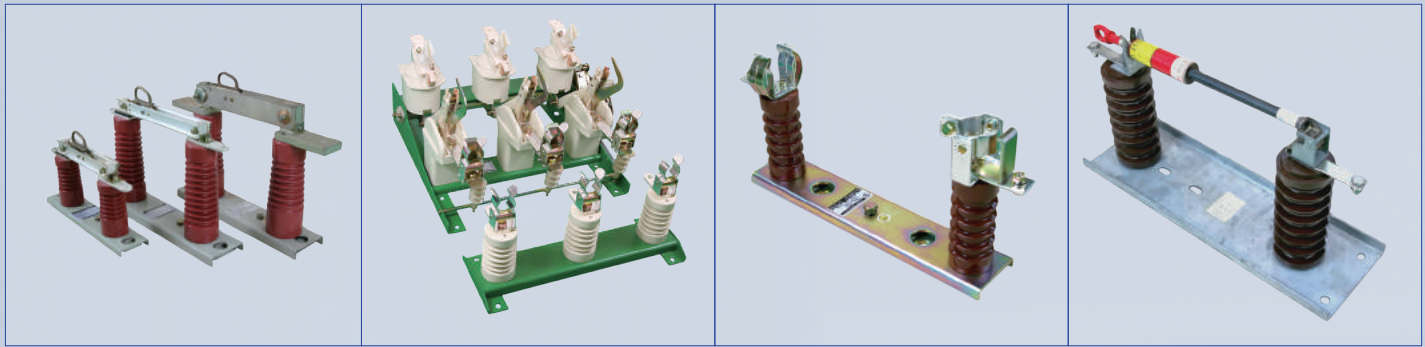


VCB
46 kV 1250 A

VCB
24 kV 1250 A

VCB
24 kV 630 A

High-Voltage
Disconnecting Switch
12-24 kV 630-3000 A



High-Voltage
Disconnecting Switch
12-24 kV 630-3000 A

Load Break Switch
12-24 kV 630 A

Power Fuse Mounting
7.2-24 kV 200 A

Current Limiting Fuse
Mounting
15.5 kV 200 A

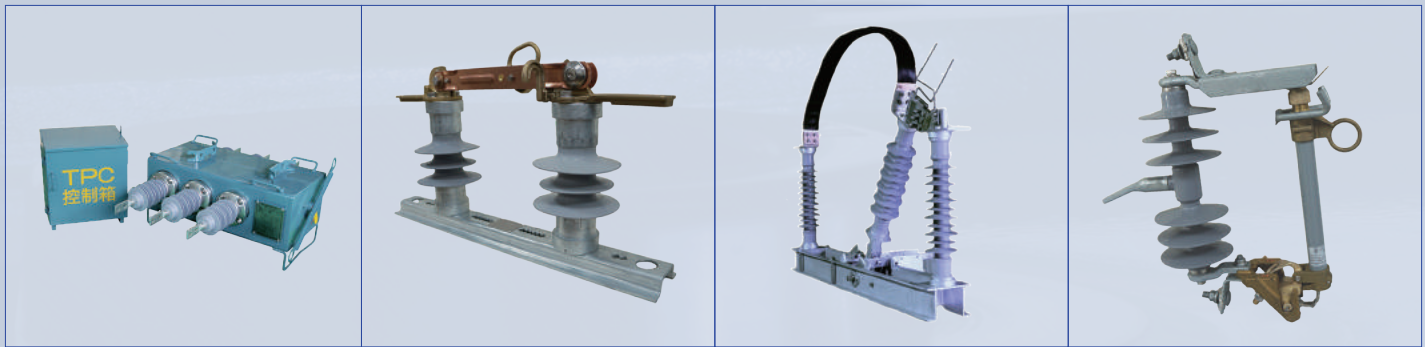


Power Fuse Mounting
46 kV 200 A

Capacitor Trip Device
110/220 V

Polymer Arrester
9-18 kV 10 kA

Overhead System



Overhead Line Switch
12-24 kV 600 A

Disconnecting Switch
1φ 8.3 kV

Disconnecting Switch
46 kV 1600 A

Polymer Fuse Cutout
7.8/15 kV - 15/27 kV 100 A



Fuse Cutout
7.8/15 kV - 15/27 kV 100 A

Polymer Arrester
10-20 kV 5 kA

Polymer Arrester
9-18 kV 10 kA

Composition Pin Insulator
15-34.5 kV

Suspension Insulator
15 kV



Copper Connector

Transformer Components



TR01 & TR14
Oil-Immersed Interrupter
15 & 25 kV

TR03 High-Voltage
Bushing Well
25 kV 200 A

Welded High-Voltage
Bushing Well
25 kV 200 A

Welded High-Voltage
Bushing Well
25 kV 600 A

TR04 Oil-Immersed
Type Arrester
9-18 kV 10 kA



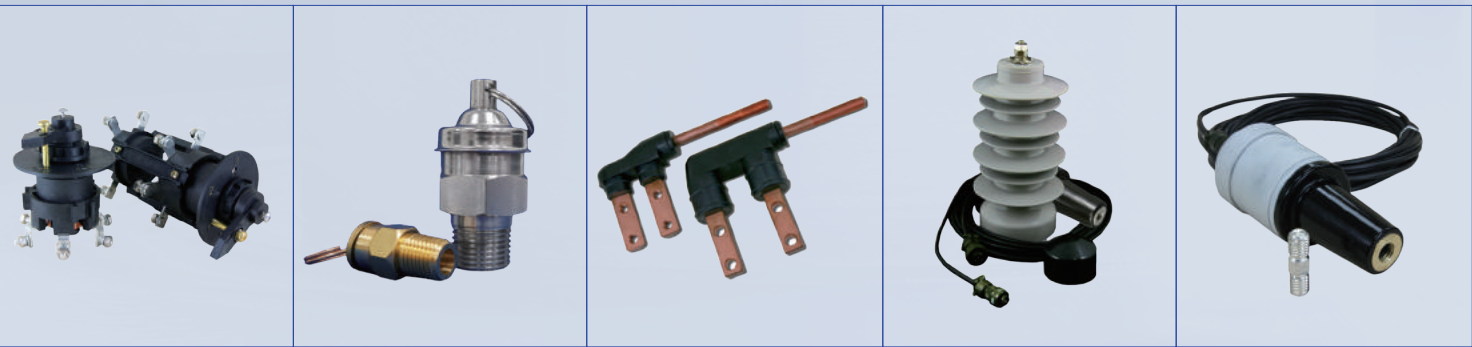
TR05 & TR06 Overcurrent
Protection Fuse Kit
25 kV 100A

TR06 Overcurrent
Protection Fuse Link
25 kV 100 A

TR07 Oil-Immersed
Back-up Current Limiting
Fuse 25 kV 30-80 A

TR02 Oil-Immersed
Full-range Current Limiting
Fuse 15 kV 20-40 A

TR08 DV Switch
25 kV 100 A



TR09 Tap Changer
25 kV 100 A

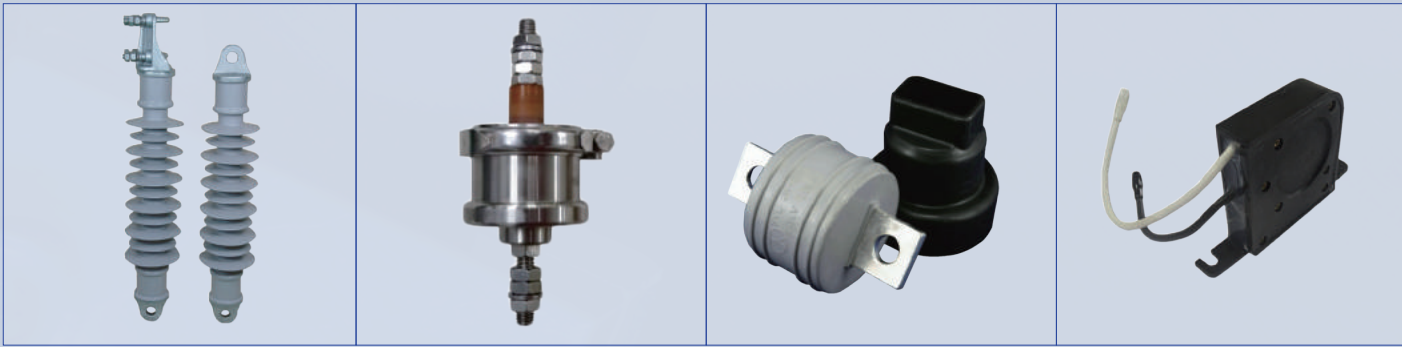
Pressure-Relief Valve
35 SCFM

SV Bushing Kit
600 V

Outdoor Voltage Sensor
15 kV 5-110 V

Elbow-Type
Voltage Sensor
25 kV 5-110 V

Other Products

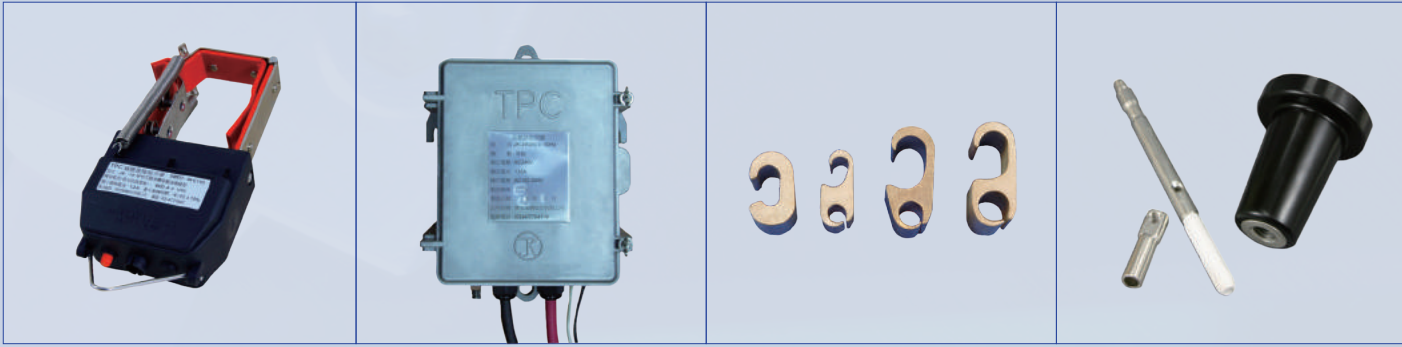


Railway Insulator
46 kV

Railway Surge
Voltage Limiter
300 Vac 65 kA

Surge Voltage
Limiter (SVL)
3.3-4.5 kV 100 kA

Low-Voltage Arrester
270-450 V 40 kA



Fault Current Indicator
200-2000 A

Street Light Switch
240 V 135 A

C-shaped Copper
Crimp Terminal

Separable Connector
Accessory
25 kV



Link Box
69-345 kV

Epoxy Resin Insulator
3.3-34.5 kV

Braided Copper

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Distribution For Cubicle



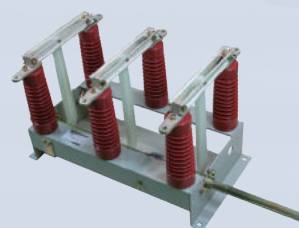
VCB
46 kV 1250 A



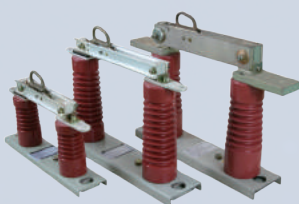
VCB
24 kV 1250 A



VCB
24 kV 630 A



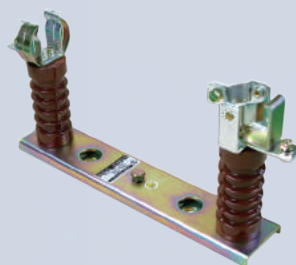
High-Voltage
Disconnecting Switch
12-24 kV 630-3000 A



High-Voltage
Disconnecting Switch
12-24 kV 630-3000 A



Load Break Switch
12-24 kV 630 A



Power Fuse Mounting
7.2-24 kV 200 A



Current Limiting Fuse
Mounting
15.5 kV 200 A



Power Fuse Mounting
46 kV 200 A



Capacitor Trip Device
110/220 V



Polymer Arrester
9-18 kV 10 kA

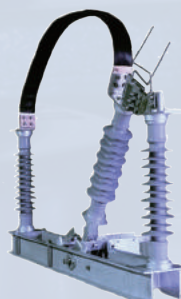
Overhead System



Overhead Line Switch
12-24 kV 600 A



Disconnecting Switch
1φ 8.3 kV



Disconnecting Switch
46 kV 1600 A



Polymer Fuse Cutout
7.8/15 kV - 15/27 kV 100 A

				
Fuse Cutout 7.8/15 kV - 15/27 kV 100 A	Polymer Arrestor 10-20 kV 5 kA	Polymer Arrestor 9-18 kV 10 kA	Composition Pin Insulator 15-34.5 kV	Suspension Insulator 15 kV

Transformer Components

				
TR01 & TR14 Oil-Immersed Interrupter 15 & 25 kV	TR03 High-Voltage Bushing Well 25 kV 200 A	Welded High-Voltage Bushing Well 25 kV 200 A	Welded High-Voltage Bushing Well 25 kV 600 A	TR04 Oil-Immersed Type Arrestor 9-18 kV 10 kA
				
TR05 & TR06 Overcurrent Protection Fuse Kit 25 kV 100A	TR06 Overcurrent Protection Fuse Link 25 kV 100 A	TR07 Oil-Immersed Back-up Current Limiting Fuse 25 kV 30-80 A	TR02 Oil-Immersed Full-range Current Limiting Fuse 15 kV 20-40 A	TR08 DV Switch 25 kV 100 A
				
TR09 Tap Changer 25 kV 100 A	Pressure-Relief Valve 35 SCFM	SV Bushing Kit 600 V	Outdoor Voltage Sensor 15 kV 5-110 V	Elbow-Type Voltage Sensor 25 kV 5-110 V



Copper Connector

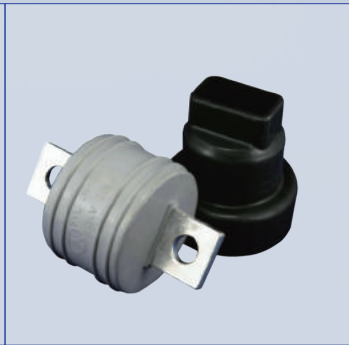
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Railway Insulator
46 kV



Railway Surge
Voltage Limiter
300 Vac 65 kA



Surge Voltage
Limiter (SVL)
3.3-4.5 kV 100 kA



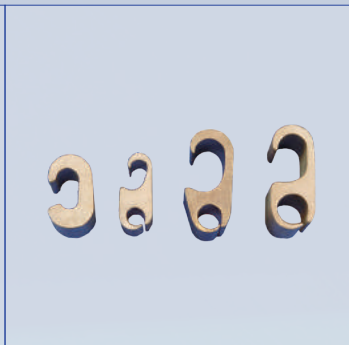
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270-450 V 40 kA



Fault Current Indicator
200-2000 A



Street Light Switch
240 V 135 A



C-shaped Copper
Crimp Terminal



Separable Connector
Accessory
25 kV



Link Box
69-345 kV



Epoxy Resin Insulator
3.3-34.5 kV



Braided Copper