

What is VS1 series circuit breaker?

VS1 series vacuum circuit breaker also offers solutions of all rated currents, to fully meet demands of electrical users. * Customers are required to provide relevant switchgear information for customization. Eaton has over 80 years manufacture experience of circuit breakers.

Why should you choose Eaton VS1 vacuum circuit breaker?

The optimal solution is our medium voltage circuit breakers with advantages of Simple structure design of Eaton's VS1 vacuum circuit breaker minimizes fault occurrence, and simplifies daily maintenance. measurement, ensuring contact pressure in closing state, and can be traceable air cooling.

Does Eaton VS1 breaker work with old generation switchgear?

In the places where old generation switchgears are used, Eaton's fixed type VS1 breaker can still achieve mechanical interlocking*function with dedicated mechanical interlocking mechanism to coordinate with the old generation switchgear.

How a circuit breaker works?

age type with electric and manual energy storage functions. 5.4.2 When the circuit breaker is working, the energy from the energy-storage spring will be transferred to the link mechanism through the output cam and then to the dynamic contact through the link mechanism. 5.4.3 With advanced and

What makes VS1 devices suitable for all medium voltage cases?

The utilization of special contact material and primary tulip contact ensures VS1 devices applicable for all medium voltage cases. No water dropping, flammable and explosive hazards in the application places, without chemical corrosive gases and violent vibrations.

Is VS1 open or uncharged?

VS1 is in opening and uncharged state. There's a certain energy at Eaton. It's the power of uniting some of the world's most respected names to build a brand you can trust to meet your every power management need. Eaton is dedicated to ensuring that reliable, efficient and safe power is available when it's needed most.

Vacuum interrupters, electromagnetic or spring actuators, brackets 12KV Indoor vacuum circuit breaker (1) Gas-tight insulation system ... Rated voltage of energy storage motor. V. AC/DC 110 AC/DC 220. 18. Power frequency withstand voltage of secondary circuit. V. ... an electric arc is generated between the contacts, and the surface of the ...

5.1 Excellent overall performance of circuit breaker 5.1.1 The arc extinguish chamber and operating mechanism of circuit breaker are configured at front and rear, and are connected ...

vacuum circuit breaker vcb Vs1 Zn63 12kv 630A 1250A Indoor High Voltage Manual Withdrawable Breaking Capacity: High Voltage Circuit Breakers Installation: Withdrawable Type, Fixed Type, Side Mounted Type Structure: Vcb Type: Circuit Breaker Function: Conventional Circuit Breaker, Circuit-Breaker Failure Protection, Overcurrent Protection, OVP(Overvoltage ...

1. Vacuum interrupter The 12KV circuit breaker is equipped with an intermediate sealing type ceramic or glass vacuum interrupter, uses copper-chromium contact material, cup-shaped magnetic field contact structure, its contact electric wear rate is small, the electric life is long, and the withstand voltage level of the contact is high, stable dielectric strength, the arc recovery ...

VS1 VCB vacuum circuit breaker 12kv Zn63 High Voltage Indoor Permanent Magnetic Operating Mechanism Breaking Capacity: High Voltage Circuit Breakers Installation: Withdrawable Type, Fixed Type, Side Mounted Type Structure: Vcb Type: Circuit Breaker Function: Conventional Circuit Breaker, Circuit-Breaker Failure Protection, Overcurrent Protection, OVP(Overvoltage ...

The operating mechanism adopts a spring-stored energy design, providing both electric and manual energy storage functions. 5. It features an advanced and rational buffer device, ensuring no rebound during disconnection and reducing disconnection impact and vibration. ... ZN63(VS1)-12indoor AC MV vacuum circuit breaker is a three-phase AC 50HZ ...

The VS1 indoor vacuum circuit breaker, designed for 12kV electrical systems, is an essential component for indoor applications. This breaker is extensively utilized in various settings, including utility grids, industrial and mining operations, power generation facilities, and ...

5.4.1 The operating mechanism is of the spring energy-storage type with electric and manual energy storage functions. 5.4.2 When the circuit breaker is working, the energy from the ...

VS1-12 type circuit breaker is suitable for three-phase AC 50Hz, rated voltage of 12KV indoor device, for industrial and mining enterprises, power system power generation and distribution for electrical system protection and control, more suitable for frequent operation of the place indoor high voltage vacuum circuit breaker, can be combined ...

The Circuit breaker is manufacturing accordance with national standard GB1984-2003, DL / T403-2000<3.6 ~ 40.5kV Indoor Vacuum Circuit Breaker ordering technology>; and international IEC standards. Circuit breaker operating mechanism for the spring energy storage type, can use AC and DC energy storage operations, can also be used manually.

VS1-12 12KV Indoor Vacuum Circuit Breaker(12kV VCB) ... Circuit breaker operating mechanism for the spring energy storage type, can use AC and DC energy storage operations, can also be used manually.Circuit

breaker can also be equipped with long life permanent magnetic actuator, mechanical life can reached 60000 times, can be used for ...

General Description. VS1/C-12 type Side installation indoor high voltage vacuum circuit breaker used sp?ing to storage energy. The operating mechanism can be operated by two ways: by ...

Figure 1: Handcart type ZN63 (VS1) circuit breaker suitable for 800mm cabinet width overall dimensions ZN63(VS1)-12 Indoor Vacuum Circuit Breaker (Insulation Cylinder) MV Circuit Breaker MV Circuit Breaker Rated current (A) Rated short-circuit breaking current(KA) Matching static contact dimensions(mm) 1600 31.5, 40 F79 2000 2500 3150 31.5, 40 ...

The operating mechanism adopts a spring energy storage type and has both electric and manual energy storage functions. 5. It features an advanced and rational buffering device, ensuring no rebound during circuit interruption and reducing the impact and vibration during circuit breaking. ... ZN63(VS1)-12P indoor AC MV vacuum circuit breaker is a ...

General Introduction. VS1-24 indoor high-voltage vacuum circuit breaker is an AC three-phase 50HZ indoor high-voltage switching equipment with rated voltage of 24KV,mainly applied for protection and control in power distribution system of power plant,electric substation and industrial and mining enterprise,It is especially applied for breaking of important load and place requiring ...

ZN63 (VS1) -24 indoor high-voltage vacuum circuit breaker is an indoor switchgear for three-phase AC 50Hz rated voltage 24kV power systems, serving as a protection and control unit for power grid equipment and industrial and mining enterprise power equipment. Suitable for places that require frequent operation at rated current or multiple interruptions of ...

24KV vacuum circuit breaker with spring mechanism is embedded pole,that can greatly improve the reliability of insulation. ... JGGY Electric. Model: VS1-24. Power: 24KV/ 630A. FOB Port: Ningbo/Shanghai. ... Energy storage rated voltage of motor. V. AC110 / AC220 / DC110 / DC220. Motor power rating. w. 70. Energy storage time. s.

5.The operating mechanism adopts a spring-stored energy design, providing both electric and manual energy storage functions. ... Figure 1: Handcart type ZN63 (VS1) circuit breaker suitable for 800mm cabinet width overall dimensions. Rated current (A) 630: 1250: 1600: Rated short-circuit breaking current(KA) 20,25,31.5: 25,31.5,40: 31.5,40:

The VS1 vacuum circuit breaker also has certain defects, the main electrical parts of the contact finger heating/burning, the reason is the contact resistance is large; insulation parts along the surface of the discharge/penetration, the reason is dirty and heat insulation aging; institutional parts stuck, the reason is not in place lubrication ...

Circuit breaker operating mechanism for the spring energy storage type, can use AC and DC energy storage operations, can also be used manually. Circuit breaker can also be equipped with long life permanent magnetic actuator, mechanical life can reached 60000 times, can be used for extremely frequent operation place,

Vs1-12 Series Indoor Medium Voltage Vacuum Circuit Breaker offered by China manufacturer Zhejiang Zhegui Electric Co., Ltd.. Buy Vs1-12 Series Indoor Medium Voltage Vacuum Circuit Breaker directly with low price and high quality. ... 1.Micro switch for switching between energy storage in place 2.Energy storage drive sprocket 3.Energy storage ...

VS1 (ZN63A-24) Vacuum Circuit Breaker, 24KV, 630A, 1250A, 1600A,, Find Details and Price about Vcb Vacuum Circuit Breaker from VS1 (ZN63A-24) Vacuum Circuit Breaker, 24KV, 630A, 1250A, 1600A, - Gansu A& D Trading Co., Ltd. ... High Voltage Circuit Breakers: Operation: Energy-storage Type: Speed: Normal Type Circuit Breaker: Contact Supplier ...

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