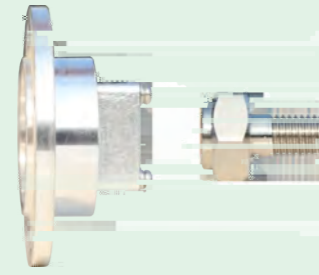


Part III Other Accessories

Circuit breaker mechanical characteristic monitoring module

With high-precision sensors and data collection technology, the module monitors the operation of switchgear in real time and sends alerts when abnormal situations occur.



Mechanical characteristic component

Electric switch cart control module

The controller uses a high-performance 32-bit processor, which can quickly detect abnormal conditions, brake the motor and sends alarm signals. With soft start, the module allows easy switch between manual and electric operation. The control module can operate on both strong and weak current inputs to achieve electrical interlocking/control.



Electric chassis cart accessories

Circuit breaker online temperature module

With the latest-generation of passive RFID wireless technology, the module is highly reliable and accurate. It is also small in size, easy to install, adaptable to various applications.



Temperature monitoring module

Part I Indoor High Voltage Vacuum Circuit Breaker

I. Product description

The VS1 series is the latest indoor high-voltage vacuum circuit breaker, suitable for substations, power plants, petrochemical plants and other engineering projects that require frequent operation.The VS1 series is suitable for the electrical facilities in three-phase AC current system with rated voltage of 3.6~24kV and frequency of 50Hz for controlling and protecting equipment.

With the latest-generation of modular spring operating mechanism, the product has passed M2/C2/E2 class tests. Both air insulated (with epoxy resin) and solid sealing pole (with automatic pressure gelation technology) types are available.

We offer 12kV/24kV circuit breakers with different rated current:

12kV	Rated current of 12kV	630A 1250A 3150A 4000A 5000A
	Rated short-circuit breaking current	25kA 31.5kA 40kA 50kA
24kV	Rated current of 12kV	1250A 3150A
	Rated short-circuit breaking current	31.5kA

Technical specification:
GB/T 1987-2014, JB/T 8738-2008 and IEC 62271-100:2017.

2.Working environment

Altitude	2000m
Ambient temperature	Indoor: -15°C to 40 °C; daily average ≤35°C
Ambient humidity	Daily average ≤95%, monthly average ≤90% (relative to +25°C)
Pollution conditions	No more than secondary degree



3. Technical features

4. Technical parameter

Electrical parameter

Rated voltage	kV	12	24
Rated frequency	Hz	50	
Rated power frequency withstand voltage (1min)	kV	42(fracture 48)	65 (fracture 79) fractur

Marks: ① 4000A and 5000A are under wind cooling conditions;
② for circuit breakers with reclosing function, is 0.3 s; For circuit breakers without reclosing function, is 180 s;

Technical parameter