Circuit breaker energy storage rod

The utility model relates to an electron device field specifically provides a single module circuit breaker energy storage spring mechanism, including the control box, urgent hand lever is installed to the control box front end, control box one side is equipped with the power level, and power level bottom is equipped with control button, there is box rear end frame control box rear side ...

Gas Circuit Breaker. The SF 6 gas circuit breaker is an electrical switch using sulfur hexafluoride as insulating and interrupting media. SF 6 gas breakers equip with moving and fixed contacts in an enclosure filled with gas; the gas inside the puffer cylinder is pressurized during the opening operation (heated by arc energy) and blasts high-pressure gas through a ...

device on the side of the energy storage mechanism will not be transferred to the insulation rod. After receiving the opera-tion command, the shaft pin is released, and the energy storage mechanism releases energy to the insulation pull rod to com-plete the whole operation. Figure 3 is a typical load force curve of one operation.

The utility model discloses an energy storage component of a circuit breaker, and relates to the field of circuit breakers; the circuit breaker energy storage assembly comprises a base and a fixing plate fixed at one end of the base, wherein a micro motor and a U-shaped fixing frame are fixed at one side of the top of the base far away from the fixing plate, a pinion is fixed on an output ...

lower terminal, the insulating pull rod and the internal disc spring pass through the connecting rod of the circuit breaker to complete the operation movement of the circuit breaker and keep the contact.(Fig.2) 2-2 Operating mechanism The operating mechanism of the circuit breaker is a spring energy storage mechanism. There are

The invention discloses an energy storage spring dismounting device of a circuit breaker operating mechanism, which is characterized in that a push rod and a telescopic part are arranged, so that the telescopic part drives a push ring to push the push rod to do linear motion through extending motion, a clamp sleeved at the end part of the push rod stretches a spring, ...

The utility model discloses an energy storage spring supporting assembly of a low-voltage circuit breaker, which comprises a sliding seat, wherein a slot which is matched and spliced with the lower end of an energy storage spring in the low-voltage circuit breaker is arranged in the middle of the upper end surface of the sliding seat, a first screw rod is movably arranged at four ...

The utility model discloses a kind of energy storage and resetting device of circuit breaker, comprising: energy storage rod member, restoring lever and back-moving spring.Energy storage rod member is around the energy

storage axis of rotation be positioned in the middle part of energy storage rod member, energy storage rod member has the energy storage arm of ...

Vacuum Circuit Breaker Instruction Leaflet IL550-0501001E Effective June 2017 ... The operating mechanism is a spring energy-storage mechanism. A closing unit, an opening unit composed of one or several tripping ... Insulating push-rod 32. Contact spring 33. Driving level 34. Opening spring 35. Driving link plate

failure of key parts such as a circuit breaker housing and a ockl ng deviceTh. erefore,the ext ernaloper aton i mech-anism attachment of the existing molded case circuit breaker has huge volume, heavy weight and poor relia-bility. In addition, the previous energy pre-storage oper-ation mechanism is only used on an air circuit breaker,

VM1. Circuit-breaker of the high tech generation. The selection of a suitable inter-nal power supply with feed via a UC-DC converter makes the VM1 circuit-breaker independent of the type and also almost of the level of auxiliary voltage. The external power consumption is less than 4 watts when the circuit-breaker is in the on or off position.

The invention relates to an energy storage handle and a circuit breaker, wherein a telescopic sleeve pipe group is arranged at the top end of a rod body of an operating rod of the energy storage handle, the telescopic sleeve pipe group can be horizontally unfolded under the action of an elastic component when in use, the telescopic sleeve pipe group can be matched with the ...

The utility model discloses an improved circuit breaker energy storage crank mechanism, which comprises a main shaft, a crank, a support rod and an extension spring, wherein one end of the main shaft is connected with the crank, the crank is connected with one end of the support rod, the other end of the support rod is connected with a bearing inner sleeve, a bearing outer ...

The utility model discloses a manual energy memory is used to circuit breaker operating device, including handle, transfer line and a plurality of sleeve, the handle passes through universal joint angularly adjustable and connects in transfer line rear end one side, is equipped with the portion of cup jointing at the transfer line front end, all is equipped with the joint portion that can ...

According to the energy storage mechanism of the circuit breaker, one end of the spring assembly for energy storage is rotatably connected with the fixing shaft V of the energy storage lever assembly, and the other end of the spring assembly for energy storage is rotatably connected with the fixing shaft below the spring assembly, so that the spring assembly is longitudinally ...

The utility model discloses a vacuum circuit breaker energy storage motor protection device, which comprises a support frame, a fixing device, a driving device and an external device; the fixing seat is matched with the extrusion rod to extend according to the size of the motor, the motor can be well fixed in a matched mode, heat is dissipated through the heat dissipation ...

Circuit breaker energy storage rod

An anti-jamming device for an energy storage handle of a universal circuit breaker comprises a circuit breaker body (1), and an operating mechanism (2) mounted on one side of the circuit breaker body (1). The energy storage handle (3) is mounted on the outside wall of one side of the operating mechanism (2). The energy storage handle (3) is rotated to manually store energy ...

The present invention discloses a remote controlled circuit breaker with an energy storage mechanism, which is composed of a remote control unit with the energy storage mechanism and a plastic outer shell circuit breaker, wherein the remote control unit comprises a sliding block matched with a handle of the circuit breaker, the swinging rod energy storage mechanism and ...

The utility model discloses an energy-storage crank arm device for a vacuum load switch of a high-voltage vacuum circuit breaker. The energy-storage crank arm device mainly comprises a crank arm, a half shaft, a baffle, two bearings, a pressure-spring guide rod and a push plate, wherein the crank arm is mounted on a fixed plate, the fixed plate is fixedly connected with a ...

Circuit breaker energy storage signal indication device mounting structure, it includes electric operating mechanism (1), micro -gap switch (2) and poker rod (3), its characterized in that: micro -gap switch (2) dress is in electric operating mechanism (1) inner chamber, and the signal line of micro -gap switch (2) passes electric operating mechanism (1) shell, opening and shutting of ...

UNIVERSAL CIRCUIT BREAKER ENERGY STORAGE HANDLE ANTI-JAMMING APPARATUS - Patent 3531436 (19) (11) EP 3 531 436 A1 (12) EUROPEAN PATENT APPLICATION: published in accordance with Art. 153(4) EPC (43) Date of publication: 28.08.2019 Bulletin 2019/35 (21) Application number: 16919247 ...

This test takes a 252kV circuit breaker rod as the research object. In the actual circuit breaker, one side of the pull rod is connected to the transmission mechanism, and the other side is connected to the contact terminal. ... After receiving the operation command, the shaft pin is released, and the energy storage mechanism releases energy to ...

The utility model discloses an energy storage mechanism of a circuit breaker, which comprises: the connecting column is fixedly provided with a connecting assembly at the inner end, the connecting assembly consists of a connecting column and a positioning groove, and an outer connecting plate is arranged at the outer end of the connecting column; the spring is arranged ...

The present invention relates to the circuit breaker operation mechanism of a band switching-in spring energy-storage system. Energy-storage system comprises a bush connecting rod, but it has a guide post and a sleeve cap of relative motion, the switching-in spring of can packing at least therein.Loading stroke terminal, demountable locking device can insert in the aperture of ...

Web: https://wholesalesolar.co.za