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Dry capacitor discharge coil

The utility model discloses a 10KV differential pressure dry-type discharge coil, which belongs to the technical field of discharge coils, and particularly relates to a 10KV differential pressure dry-type discharge coil, comprising a capacitor box and 10KV differential pressure dry-type discharge coils, wherein the capacitor box is detachably connected with a plurality of 10KV differential ...

High voltage parallel capacitor dry discharge coil After the shunt capacitor bank installed in the substation is out of operation, it must have a discharge device to release the internal charge. For the capacitor bank that implements automatic ...

The utility model overcomes the defects of an ordinary special discharge coil for parallel capacitor banks of large volume and weight, reactance leakage, high lifting consumption and low...

High voltage capacitors are important components of electrical network. The current technology is based foil-laminar coil impregnated in a liquid dielectric. However, there is an interest to develop technologies allowing to replace mineral or synthetic oil due both to health and environmental issues. The feasibility of replacing the impregnating liquid by a solid ...

A switch was manufactured to discharge the coil gun"s capacitor using the operating principle of a limit switch. Previous studies used optical sensor to control the discharge ...

The FDGE8 semi-enclosed dry type discharge coil is cast in epoxy resin and semi-enclosed structured. The products are used for single-phase electric power systems of 50/60Hz rate d frequency and rated 12Kv rated voltage, parallel ...

The utility model provides a 35kV outdoor excitation linearity, high prototype dry-type discharge coil, including the discharge coil body, discharge coil body lower extreme is equipped with the base, both ends symmetry is equipped with first clamp splice, second clamp splice around the discharge coil body, first clamp splice, second clamp splice upper end correspondence have ...

Discharge coil for Phase advanced capacitorsRISHOCAST discharge coilRISHOCAST discharge coil

search-coil is made from 27 AWG copper wire and has 260 turns. The search-coil is located inside the coil and connected to the oscilloscope. Fig. 9 shows the induced voltage measure-ment setup. 4. Empirical findings The results are divided into three parts; numerical result, experimental result, and lastly the coil current and capacitor ...

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Dry capacitor discharge coil

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The utility model provides a dry type outdoor discharge coil cast by epoxy resin. The dry type outdoor discharge coil comprises an iron core, a primary coil and a secondary coil, wherein the primary coil and the secondary coil are wound on the iron core, the primary coil is connected with a high-voltage terminal, the secondary coil is connected with a low-voltage terminal, the iron ...

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