

Substation Secondary Relay Protection Pressure Plate

The system was developed starting with technology used for protection and control of HVDC substations, adding AC protection algorithms to the existing control system.

Effective relay protection in HV/MV substations requires a thorough approach encompassing calculations, precise settings, meticulous coordination, informed relay selection, and ...

Under normal load conditions or when there is a fault outside the protection zone of the element, the secondary currents will circulate between the two CTs and will not flow through the overcurrent relay.

This article is based on globally accepted engineering guidance for the installation and design of substation secondary equipment, translated into real-world design principles used by ...

A method for detecting the status of secondary pressure plates in substations based on electrical analog quantities and rule libraries is proposed to address the issues of time-consuming ...

Please refer to Fig. 1, the schematic structural diagram of the substation secondary pressure plate checking system provided by the embodiment of the present invention, including a...

The invention is applicable to the technical field of power equipment, and discloses a substation secondary pressure plate check system and method. The system includes a pressure plate state ...

Based on the SCD file analysis results of the substation relay protection secondary circuit, the improved D-S evidence theory is selected to carry out the fault diagnosis of the substation relay ...

Based on this, this paper will briefly analyze the related application strategies of this technology in smart substation, in order to provide strategic reference for increasing the stability of power supply and ...

To verify the effectiveness of the proposed non-electrical magnetic induction monitoring and diagnostic algorithm in the status sensing of hard-plate protection devices in substation ...

The invention discloses a substation secondary circuit protection pressing plate detection system and method based on artificial intelligence, and belongs to the technical field of substation secondary ...

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