

110kV Substation Electrical Main Circuit Relay Protection Diagram

This paper designs a 110KV substation. Through the analysis of transformer load, the capacity and number of main transformers are selected, and the main connection modes of 110kV, 35kV and 10kV ...

In this paper, the main electric wiring mode of 110kV substation is selected, the structure of substation is determined, and then the main wiring diagram is drawn.

The 110 and 220 kV lines of the main grid are protected by means of two primary protection schemes (two distance relays or a distance and a differential line relay) or a primary protection relay (distance ...

Abstract: In this paper, the main electric wiring mode of 110kV substation is selected, the structure of substation is determined, and then the main wiring diagram is drawn.

Finally, we design a simple relay protection, and complete the design of the primary electrical part of 110kV substation.

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