

Intelligent Verification of Relay Protection Settings

An automatic verification system for substation protection settings that is connected to relay protection equipment through a serial interface and uses a virtual printer to generate numerical ...

In order to enable the verification and management of relay protection setting more scientific and effective, an online intelligent verification of relay protection based on protection importance is ...

Designed for protective relays and IEDs, our solution helps utilities effectively manage data throughout the entire setting and configuration lifecycle--from the initial request for change through ...

atabase were developed. The thermal overload protection in the SPAM150C motor protection device of ABB company is verified, and the reliability of the device is verified. The device can improve the ...

To this end, a setting verification method for relay protection of intelligent substations based on deep learning was proposed. Firstly, an improved convolutional recurrent...

To effectively perform its role, relay protection must be accurately configured with appropriate settings. Settings verification, also known as relay testing or commissioning, is a process ...

The experimental results show that the image pre processed by this method is clear, the fixed value single cell segmentation is accurate, and the OCR text extraction efficiency is high. ...

In order to solve the problems of tedious, insufficient manpower, low efficiency, and easy to cause human errors in the verification of relay protection equipment settings with the development ...

The device can improve the efficiency of relay protection equipment inspection, reduce the technical threshold of operators, and reduce the probability of human error.

Designed for protective relays and IEDs, our solution helps utilities ...

The pilot application of the project shows that the full-link automatic test platform of the relay protection fault information system covers a wide range, can be automatically tested by one ...

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