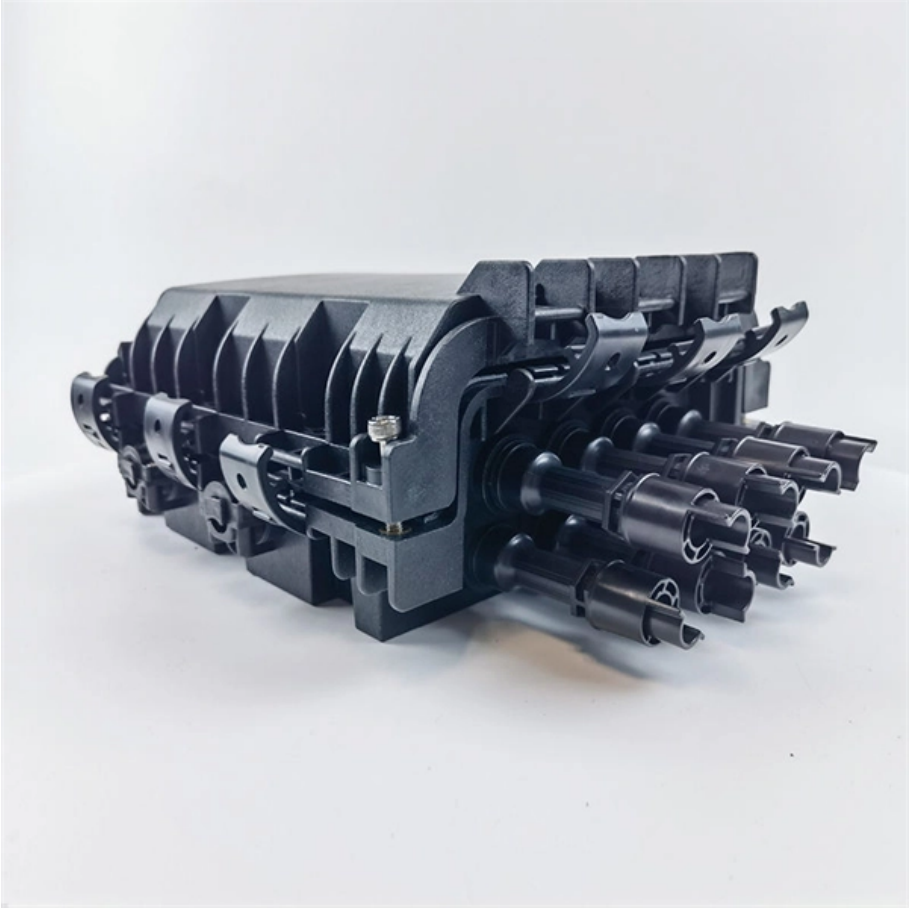
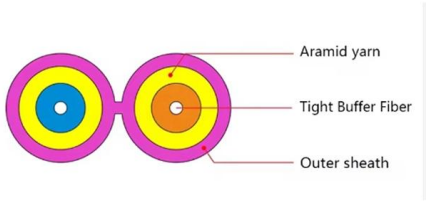
Syropy AI Connectivity

Jiaotong University Yunda s Relay Protection Device



Jiaotong University Yunda s Relay Protection Device



Relay Protection Device Reliability Assessment

Furthermore, software fault injection can trigger a broader range of events inside the relay protection process or system, including failures to act, false operations, and others. In this study, an SEE

Hao Yu (0009-0004-7662-0801)

Evaluation of Single Event Upset on a Relay Protection Device Electronics 2023-12-22 , Journal article DOI: 10.3390/electronics13010064

Yun ZHOU , Doctor of Philosophy , Shanghai Jiao Tong

Yun ZHOU , Cited by 498 , of Shanghai Jiao Tong University, Shanghai (SJTU) , Read 111 publications , Contact Yun ZHOU

Hao Yu (0009-0004-7662-0801)

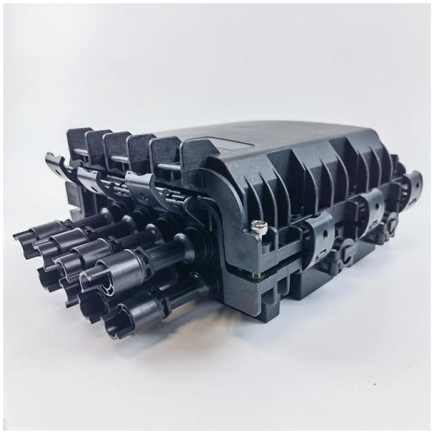
Relay Protection Device Reliability Assessment Through Radiation, Fault Injection and Fault Tree Analysis

Study of a Combined Surge Protective Device for a Relay Protection

ABSTRACT This paper focuses on the problem that the voltage recovery time of relay protection circuits in converter stations is too long under lightning surges. A surge protective device (SPD) in

CT Saturation Detection and Compensation: A Hybrid Physical Model

He is currently working toward the M.S. degree with Xi'an Jiaotong University, Xi'an, China. His research interests include the application of artificial intelligence in relay protection.



Special Session , IEEE I& CPS Asia 2022

Thus, introducing novel techniques of DC fault analysis, power quality analysis and relay protection is of great significance in facilitating the safe, stable operation of the transmission/distribution system.

Reliability Analysis and Improvement Strategies of Microcomputer Relay

This research not only enhances the understanding of potential failure modes of relay protection devices, but also provides strategic support for improving the overall stability of power

Relay Protection Device Reliability Assessment Through

This study evaluates the impact of SEE on relay protection devices through a Monte Carlo simulation, which is verified by ?-particle radiation, fault

Relay Protection Device Reliability Assessment Through

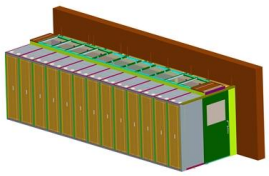
Relay protection devices must operate continuously throughout the year without anomalies. With the integration of advanced technology and process

A Reliability Prediction Model for the Relay Protection Device and Its

Abstract The failure of the internal module often leads to the failure of the relay protection device (RPD), which threatens the safe and stable operation of the power grid. At the same time, the thermal effect,

The Role of Protection Relays in Power Systems and an

Protective relays are critical in power systems because they serve as decision-making devices that ensure the safe operation of power grid. They play a key role in power system protection.



Relay Protection Device Reliability Assessment Through

This study evaluates the impact of SEE on relay protection devices through a Monte Carlo simulation, which is verified by ?-particle radiation, fault injection, and fault tree analysis.

110 kV substation relay protection

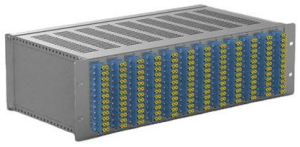
Finally, a comprehensive evaluation of the selected protection devices is carried out. Adding relay protection device in substation can send out fault signal and cut off fault line in time to reduce the

Cascading attack on trusted-relay quantum key distribution networks

Trusted relays are the main state-of-the-art way to realize quantum key distribution networks. However, it is hard to require that all nodes in the network are fully trusted.

Collaborative Solution of Distance Protection and Dual Current Control

Zhongping Liu received the B.S. and M.S. degrees in electrical engineering from Southeast University, Nanjing, China, in 2002 and 2005, respectively. He has been working with the



110 kV substation relay protection

Adding relay protection device in substation can send out fault signal and cut off fault line in time to reduce the occurrence of substation fault, so as to ensure the reliable power supply of users and

Study of Relay Protection Fault Analysis and Treatment Measures for

Relay protection device may shorten the time of cutting equipment, reduce the probability of non-faulty devices removed, and alert information via automation. Because of this strong utilization,

?Yayu Yang?

?University of Tennessee, Knoxville;Shanghai Jiao Tong University? - ??Cited by 284?? - ?Power Systems? - ?DER Integration? - ?Fault Protection? - ?Clean Energy System?

Wei Sun's research works , Beijing Jiaotong University, Beijing (NJTU

Wei Sun's 3 research works with 8 citations, including: Correction to: Towards Comprehensive Security Analysis of Hidden Services Using Binding Guard Relays

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Yunda Wang was born in Jilin, China. He received the B.Eng. degree in School of Electrical Engineering from Zhengzhou University, Henan, China, in 2013. He is

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Yujie Yang , IEEE Xplore Author Details

Yujie Yang (Student Member, IEEE) received the B.S. degree in electrical engineering from the Sichuan University, Chengdu, China, in 2015, and the Ph.D. degree in cyberspace security from Xi'an

Zhendong Yang's research works , Xi'an Jiaotong University, Xi'an

An experiment has recently been completed at Xi'an Jiaotong University (XJTU) to obtain wall-temperature measurements at supercritical pressures with upward flow of water inside vertical annuli.

Research on integrated test technology of relay protection device

The relay protection debugging of smart substation is limited to single unit test. For the intelligent equipment across bays, it can only be tested in batches and one by one, and there is no means to

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