

Questions related to relay protection



Overview

Which type of relay is often used to protect motors from overheating due to excessive overload?

What is the main advantage of using digital protective relays compared to analog relays?

Which of the following factors is NOT considered when setting the pickup current for. Which type of relay is often used to protect motors from overheating due to excessive overload?

What is the main advantage of using digital protective relays compared to analog relays?

Which of the following factors is NOT considered when setting the pickup current for. A protective relay is an electrical device used to detect and isolate faults in a power system. It is a critical component of a power system protection scheme, and its main function is to trip or open the circuit breaker

to isolate the faulty section of the power system when a fault occurs. Under normal operating conditions. Differential Protection: This is a unit-type protection scheme that works on the principle of comparing the currents entering and leaving a protected zone. A fault that results from excessive current causing a short circuit. Protective relay is an electrical device designed to initiate isolation of a part of an electrical installation, or to operate an alarm signal, in the event of an abnormal condition or a fault.

Questions related to relay protection



Explain briefly the role of protection in a power system. Describe the essential features of a protective relay with reference to reliability, selectivity, speed of operation and discrimination.



Ans. Negative phase sequence relay is essentially employed for the protection of generators and motors against unbalanced loading that may arise due to phase-to-phase faults.



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In simple words relay is an electrical device that gives signal to isolation device (eg: Circuit Breaker) after sensing the fault and helps to isolate the fault system from the healthy electrical system.



A de-spiking diode shall be connected in with the relay coil in electrical relay.



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This document contains interview questions and answers related to protection relays. It begins with questions about where negative phase sequence relays and differential relays are employed.



This article lists 50 Protective Relay MCQs for engineering students. All the Protective Relay Questions & Answers below include a hint and a link to the relevant topic wherever possible.



During interviews for roles related to electrical protection, candidates may be asked questions on busbar protection schemes, relay configurations, fault detection methods, and operational safety.

Contact Us

For more information, pricing, or custom data center solutions, please contact us:

Website: <https://www.yoahorroenergia.es>

Email: hello@yoahorroenergia.es

Phone: +233 54 318 7269

Address: Plot 28, Spintex Road, Accra, Greater Accra, Ghana

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