Using the Relay Protection Calculator

Free Protection Coordination Calculator with Time-Current Curves, Manufacturers Database, Adjustable Device Settings, and Interactive Single-line Diagram.

Overload relays protect motors and equipment from thermal damage caused by prolonged overcurrent conditions. IEC 60255 defines standards, formulas, and performance requirements, enabling ...

Use this Protection Relay Setting Calculator to calculate pickup current, time multiplier settings (TMS), operating time, coordination time interval (CTI), and plug setting multiplier (PSM) ...

Our protection coordination software free tool is designed to provide immediate visual and mathematical feedback for your relay settings. Follow these steps to achieve perfect selectivity:

This allows engineers to select relays that operate reliably under electrical loads and avoid overheating or contact failure. The calculator simplifies the design process for both AC and DC ...

Calculate the protection trip time (TOC/IDMT) according to IEC 60255 and IEEE C37.112-1996 protection curves.

This Protection Relay Setting Interactive Calculator helps engineers determine optimal overcurrent relay parameters for power system protection. Let"s explore the inputs.

The calculator provides test procedures for both electromechanical and microprocessor-based protective relays according to IEEE C37.90 and manufacturer specifications.

Use the calculator above to instantly determine the Plug Setting Multiplier (PSM) and the expected trip time based on global IEC 60255 and IEEE standard characteristic curves.

This calculator makes the procedure easier, providing an effective method to determine the relay settings required for best protection. This post explains you through the calculator"s usage, ...

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