

Latest version of Jordanian relay protection standards



Summary of Content

The most recent Jordanian relay protection standards are maintained by JSMO and reflected in NEPCO's 2024 technical specifications for protection relays.

Overview

The Jordan Standards and Metrology Organization (JSMO) is responsible for preparing, publishing, and reviewing all national standards, including those for electrical equipment and relay protection systems, ensuring alignment with international benchmarks and safety requirements (JSMO) . These standards cover both mandatory technical requirements and optional specifications for manufacturers and operators.

NEPCO Specifications

The National Electric Power Company (NEPCO) issued a detailed document in 2024 outlining the supply and technical requirements for main and backup protection relays. This document specifies the functional, operational, and safety criteria for relays used in Jordan's power grid, including:

- Type and rating of relays for transmission and distribution systems
- Coordination and selectivity requirements to ensure system stability
- Testing and commissioning procedures for new installations

Article Content

PRC-005-6

Each Transmission Owner, Generator Owner, and Distribution Provider shall establish a Protection System Maintenance Program

State-of-the-art in the industrial implementation of protective relay ...

The paper summarizes the operating principles of relay applications, the available measurements used by relays and

Protective Relay Maintenance and Application Guide

Protective Relay Maintenance and Application Guide Protective relays are decision-making elements in the protection scheme for

Practical handbook-for-relay-protection-engineers | PDF

The handbook for protection engineers includes guidelines on protective circuitry, protective relay principles, and testing procedures

IEC Standard For Protection Relays : Electrical Engineering Hub

The IEC standard for protection relays provides a structured framework for the design, testing, operation, and

Jordan Protective Relay Market (2022-2031) | Trends, Outlook

The protective relay market in Jordan supplies electrical protection devices for power systems to prevent equipment damage and

UK News | Breaking news & latest updates | Daily Mail Online

All the latest breaking UK news with in-depth comment and analysis, pictures and videos from Daily Mail.

Practical handbook for relay protection engineers | EEP

Relay protection circuitry This handbook covers the code of practice in protection circuitry

IEC Standard For Protection Relays : Electrical

The IEC standard for protection relays plays a vital role in modern electrical power systems.

Operation, maintenance, and field test procedures for

The protection circuits include all low-voltage devices and wiring connected to: instrument

Relay protection for power-electronics-dominated power grids:

However, this transformation introduces significant challenges to grid stability, especially for relay protection technologies. Traditional

Jordan

The English version of the Jordan Official Gazette as well as the technical standards of Jordan Quality Mark can be

Microsoft PowerPoint

A primary motor protective element of the motor protection relay is the thermal overload element and this is accomplished through

Standard PRC -005

4.2.5.3 Protection Systems and Sudden Pressure Relaying for station service or excitation transformers connected to the generator

SIPROTEC Protection Relays | Siemens

High-performance protection Future-proof your power supply with protection relays and control for digital substations. SIPROTEC

List of standards and technical regulations issued by Jordan standards ...

List of standards and technical regulations issued by Jordan standards and metrology organization

Jordan

Publication of Technical Regulations Technical standards (Jordan Quality Mark) are published in the Jordan Official

Protection Relay Testing

Reliably working protection relays are key in modern energy systems. Read on to learn about best

PRC-023-6

Purpose: Protective relay settings shall not limit transmission loadability; not interfere with system operators' ability to take remedial

Installing and Maintaining Protective Relay Systems

Introduction Relay systems protect high-voltage equipment and transmission lines to ensure safe, stable systems. Although failure of

Communications Systems Performance Guide for Electric Protection

The guide was created in response to the recognition of potential relay timing problems arising from the application of

IEC 60255-1:2022

This document covers the main technologies in use today; other emerging technologies present specific EMC and safety issues but

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All Tenders must be accompanied by a Tender Guarantee in the amount of JD 2400
(Two Thousand and Four Hundred Jordanian

Basic protection relay knowledge

On the other hand, unselective protection operation in the extra high voltage network
– i.e. at the national grid level- may endanger

Contact Us

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