

10kV/11kV Oil-Immersed Distribution Transformer

This oil-immersed distribution transformer is designed for reliable and efficient voltage transformation. Suitable for 10kV and 11kV systems, it features robust construction and high-quality insulation for long-lasting performance.



ADDITIONAL IMAGES



Overview

High-Performance Distribution Transformer

This 10kV/11kV oil-immersed distribution transformer is engineered for superior efficiency and reliability in power distribution networks. It features advanced low-loss, low-noise, and low-temperature-rise characteristics, ensuring stable operation and long service life. Designed to meet stringent JB/T3837-2003 standards, this unit incorporates high-quality silicon-steel cores and oxygen-free copper windings for optimal electrical performance.

Technical Specifications

Key Performance Characteristics

- Low loss
- Low noise
- Low temperature rise
- Low partial discharge
- High reliability

Voltage Ratings

10kV, 11kV

Standards Compliance

JB/T3837-2003

Construction

Tank Features

- Folded plate type
- Wide-width steel plate construction
- High mechanical strength
- Vacuum tested

Core Material

Grain-oriented cold-rolled silicon-steel sheet

Winding Material

High purity oxygen-free copper

Protection & Monitoring

Integrated Protection

- Pt100 thermal resistors temperature control
- Pressure relief valve with contacts
- Oil indicator with contacts
- Vacuum relays
- Oil pressure indicator with contacts

Bushing Type

Pollution retardant porcelain oil type

Model Nomenclature

Model Symbol Key

Symbol	Meaning
S	Three phases
F	Air-cooling (blank for Natural)
Z	On load tap changing
10	Performance level