

Dry-Type Power Transformer

◆ Product Description

The dry-type power transformer is a core power transformation device in the power system that realizes voltage conversion, electric energy transmission and power distribution regulation, and is widely suitable for power distribution scenarios with stringent fire safety requirements. It can achieve precise conversion of common voltage levels such as 10kV/0.4kV according to the needs of the power grid, and has both stable electric energy transmission capacity and convenient operation and maintenance characteristics, providing safe and reliable power transformation guarantee for various power consumption scenarios.



- High-safety fireproof structure
- Excellent insulation and heat resistance
- Low-consumption low-noise and stable operation
- Convenient operation and maintenance easy installation
- High adaptability for precise power transformation

◆ Product Structure

- The dry-type power transformer adopts a compact integrated structure design, with a protective casing made of cold-rolled steel plate or stainless steel on the outside, and reserved maintenance access and heat dissipation vents. Its internal core components consist of an iron core, windings, a cooling system and auxiliary monitoring components. The overall structural layout is neat and there are no oil-immersed auxiliary components, which not only ensures the stability and safety of power transformation operation, but also facilitates subsequent installation, maintenance and condition monitoring.

◆ Typical Applications

- Dry-type power transformers are widely used in places such as high-rise buildings, commercial complexes, data centers, hospitals, metro hubs, and clean workshops of industrial and mining enterprises. They can eliminate the hidden danger of oil fires from the source, ensure the power distribution safety of buildings, provide stable and low-interference power conversion, guarantee the continuous and reliable operation of core facilities, realize precise voltage regulation, and lay a solid foundation for power transformation in various high-demand power distribution scenarios.

◆ Typical Product Data and Physical Properties

Rated Voltage Class: 10kV/0.4kV, 6kV/0.4kV

Rated Operating Frequency: 50Hz/60Hz

Protection Class: IP20/IP30 (Indoor)/IP54 (Outdoor)

Material: High-permeability Cold-rolled Oriented Silicon Steel Sheet/Cold-rolled Steel Plate/Stainless Steel

Installation Method: Floor-mounted/Platform-mounted/Wall-mounted

Availability:

Material Code	Product Name	Weight	packing
1.4.24.01.0619	Dry-Type Power Transformer	1500KG	1pcs/CTN

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data is for reference purposes only.

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