

40.5kV Indoor AC Metal-Enclosed Switchgear

This switchgear is designed for use in 35kV three-phase AC 50Hz power systems within power plants and substations. It functions in industrial and mining power distribution rooms for receiving and distributing electricity, offering control, protection, and monitoring capabilities.



Product Overview

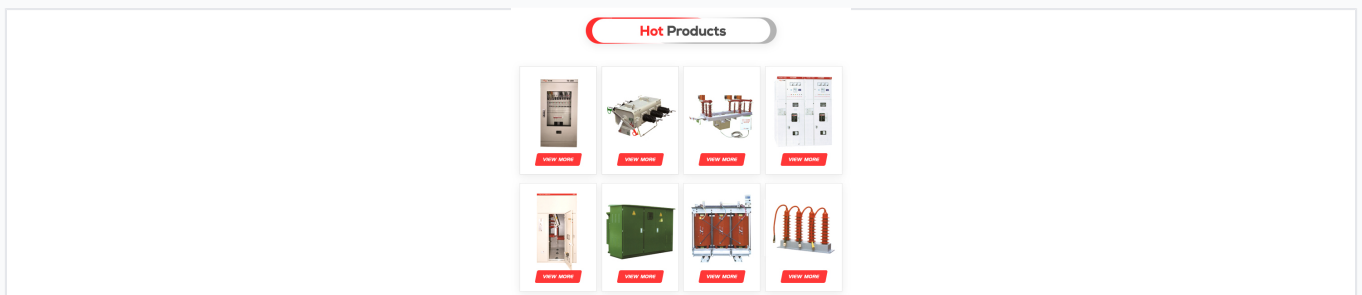


A detailed view of the metal-clad withdrawable switchgear unit.

High-Performance Indoor Switchgear

This 40.5kV metal-enclosed switchgear is engineered for robust performance in three-phase 50Hz AC power systems. It is designed to serve as a critical component in power plants, substations, and industrial distribution rooms, offering reliable control, protection, and monitoring functions. The unit utilizes an aluminum-zinc plated cabinet body, ensuring structural durability and excellent hand-truck coordination accuracy for easy maintenance and component interchangeability.

Technical Specifications



Professional electrical distribution equipment suitable for industrial and commercial applications.

Rated Voltage

40.5 kV

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Operating Frequency

50 Hz

Compatible Circuit Breakers

TZN85-40.5, VD4, VB2

Compliance & Standards

International & National Standards

- GB3906 (3-35kV AC Metal closed Switchgear)
- GB/T11022 (High Voltage Switchgear and Control equipment)
- DL/T404 (AC High Voltage Switchgear ordering requirements)
- IEC298 (Rated voltage above 1KV up to 52KV)

Design Features

Core Attributes

Metal-enclosed • Withdrawable design • Aluminum-zinc plate construction • Spring operating mechanism • High interchangeability