

# 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

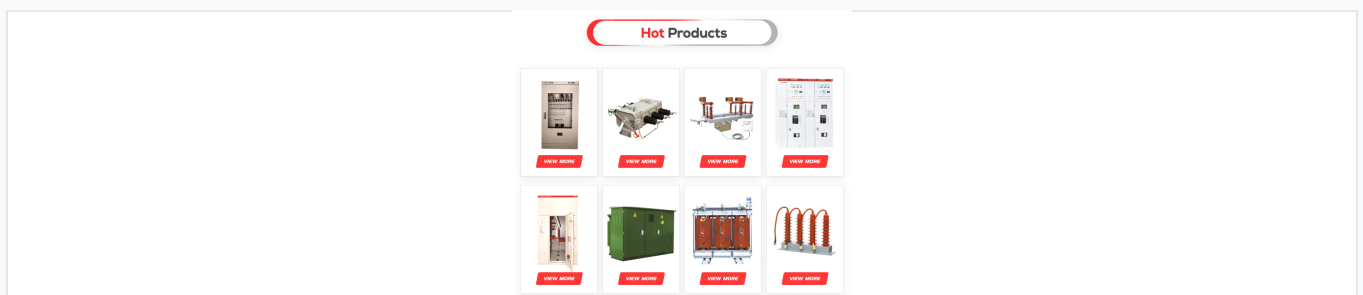


A detailed view of the metal-clad withdrawable switchgear unit.

### 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**

Rated Voltage

### 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