

Indoor AC Metal-Clad Withdrawable Switchgear 40.5kV

This indoor AC metal-clad withdrawable switchgear is designed for 40.5kV three-phase AC 50Hz single busbar systems. It is widely used in power grids, commercial properties, new energy, and metallurgy.



Product Overview

High-Performance 40.5kV Switchgear

This indoor AC metal-clad withdrawable switchgear is designed for 40.5kV three-phase AC 50Hz single busbar and single busbar sectionalized systems. It provides robust control, protection, and monitoring for power transmission in power plants, substations, industrial facilities, and high-rise buildings. The system features advanced composite insulation and a compact design, ensuring reliability and ease of maintenance.

Technical Specifications

Rated Voltage	40.5 kV
Minimum Switchgear Width	1200 mm
Rated Frequency	50 Hz
System Compatibility	Three-phase AC, Single Busbar, Single Busbar Sectionalized

Design Features

Key Features

- Electric field equalization measures
- Quick closing grounding switch
- High breaking capacity
- High dynamic and thermal stability

Insulation System	Multiple composite insulation
Door Panel Design	Modular design for stiffness and aesthetics
Compatible Circuit Breakers	Vacuum Circuit Breaker, SF6 Circuit Breaker