

# Metal-Enclosed Fixed Switchgear

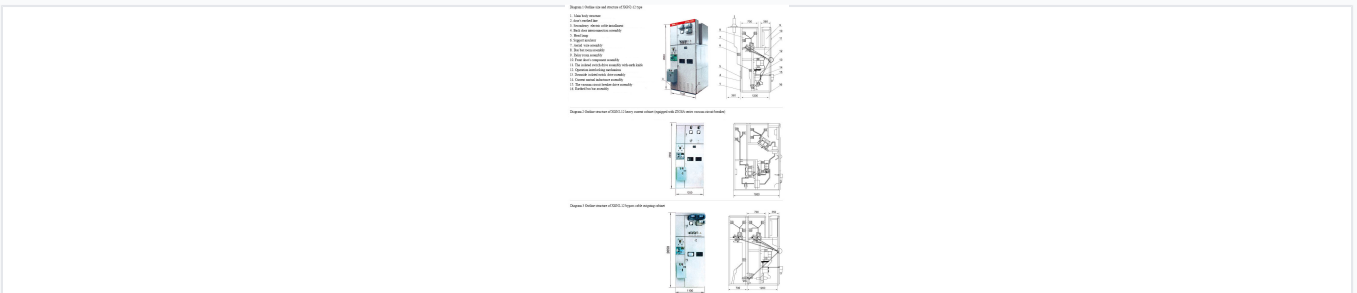
This metal-enclosed switchgear is designed for electric power transmission and distribution. The fixed-type switchgear provides a secure and reliable solution for switching and protection in electrical systems.



## ADDITIONAL IMAGES



## Product Overview



Internal structural breakdown of the XGN2-12 fixed metal-enclosed switchgear.

### XGN2-12 Box-Type Fixed Switchgear

The XGN2-12 series is a robust metal-enclosed switchgear engineered for 3.6-12kV, three-phase AC 50Hz electrical power transmission and distribution systems. Designed for reliability and safety, this fixed-type cabinet is ideal for use in power plants, substations, industrial enterprises, and high-rise commercial buildings. With over 100 available main circuit schemes, it offers versatile configuration options to meet the demanding requirements of modern power distribution networks.

## Technical Specifications

### Rated Current Range

- 630
- 1250
- 1600
- 2000
- 3150

### Key Performance Metrics

**40 kA**

Max Short-circuit Breaking Current

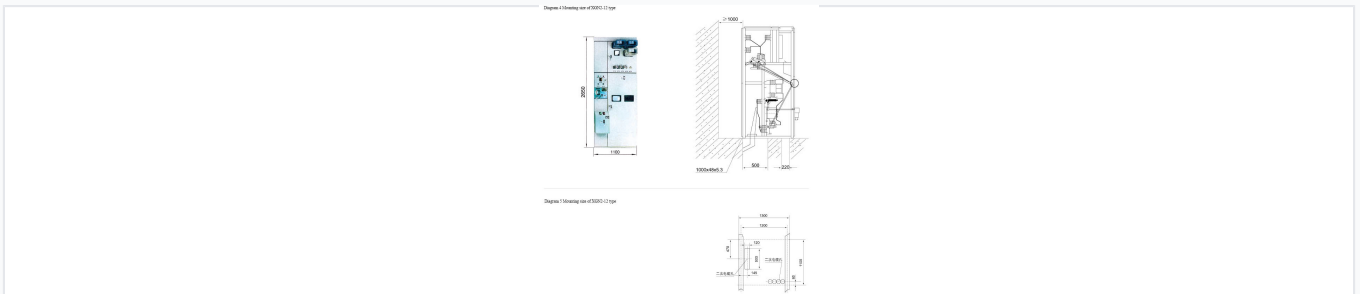
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Heat Stable Heating Time

### Rated Voltage

3.6 kV, 7.2 kV, 12 kV

## Operating Environment



Technical mounting dimensions for standard site installation.

### Operating Environment Requirements

Parameter	Specification
Air Temperature	-25°C to +40°C
Altitude	Max 1000m
Max Daily Humidity	95%
Max Monthly Humidity	90%
Earthquake Intensity	Up to 8 degrees

## Compliance

### Industry Standards

IEC62271-200, GB3906, DL/T404