

Gas Insulated Switchgear 145kV

Gas insulated switchgear is applicable for electrical systems with three phases AC, 50HZ, and a rated voltage of 145kV. The switchgear meets the requirements of national standard GB7674-2008 and international standard IEC60517-1990.



Product Overview

High-Performance GIS Solutions

The ZF10-145G(L) Gas Insulated Switchgear is designed for 145kV electrical systems, offering robust protection and power distribution in a compact, SF6-insulated package. This system is engineered to perform reliably under demanding environmental conditions, including extreme temperatures and seismic activity. Its integrated monitoring and control systems ensure seamless operation and smart grid compatibility, making it an ideal choice for high-voltage infrastructure.

Technical Specifications

Rated Voltage

145 kV

Rated Voltage

Rated Frequency

50 Hz

Environmental Conditions

Environmental Resilience

| Parameter | Limit |
|--------------------------|--------|
| Max Wind Speed | 35 m/s |
| Max Icing Thickness | 10 mm |
| Horizontal Seismic Accel | d0.g |
| Vertical Seismic Accel | d0.g |

Ambient Temperature

-30°C to +40°C

Operating Altitude

1000 m

Compliance

Pollution Class Creepage

- Class III: 25mm/kV
- Class IV: 31mm/kV

Certification Standards

GB7674-2008, IEC60517-1990