252kV Gas Insulated Switchgear

Gas Insulated Metal-Enclosed Switchgear is applicable for electrical systems with three phases AC, 50Hz, and a rated voltage of 252kV. The switchgear meets national standard GB7674-2008 and international standard IEC60517.

Product Overview

High-Voltage Gas Insulated Switchgear (GIS)

The ZF16-252(L)/Y4000-50 GIS is a high-performance, metal-enclosed switchgear designed for 252kV electrical power systems. Encapsulated in a compact, gas-insulated design, it provides superior safety and reliability while reducing maintenance needs and environmental exposure. It is fully compliant with both GB7674-2008 and IEC60517 international standards, making it an ideal, cost-effective solution for modern grid infrastructure.

Electrical Ratings

Rated Voltage	252 kV
Rated Current	4000 A
Rated Frequency	50 Hz

Operating Environment

Seismic Intensity

0.3 g Horizontal Acceleration

0.15 g Vertical Acceleration

Ambient Temperature	-40°C to +40°C
Operating Altitude	1000 m

Design Specifications

Symmetrical Creepage Distance

Pollution Class	Required Distance
Class III	25mm/kV
Class IV	31mm/kV

Compliance Standards	GB7674-2008, IEC60517