

SF6 Gas Insulated Ring Main Unit

This SF6 gas-insulated ring main unit uses deep penetration laser and Helium leak detection to ensure gas tank tightness. Its modular design allows for permutation and combination according to the design scheme, meeting a variety of distribution requirements.



ADDITIONAL IMAGES



Product Overview

Compact Medium-Voltage Solution

The DQS-36 is a high-performance SF6 gas-insulated ring main unit engineered for secondary distribution networks. Designed for versatility, it is ideal for switching applications in wind farms, PV power stations, and other 36 kV distribution environments. The system features a completely sealed stainless steel tank that protects all live parts and switching functions, ensuring long-term reliability and operational safety.

Technical Ratings

Rated Voltage	36 kV
Rated Normal Current (Switch Disconnecter)	630 A
Rated Short-Time Withstand Current	20 kA
Rated Peak Withstand Current	50 kA
VCB Short-Circuit Breaking Current	20 kA
VCB Short-Circuit Making Current	50 kA

Operational Specifications

Protection Class	IP67
SF6 Gas Pressure	0.4 MPa

Compliance

International Standards	IEC 62271-100, IEC 62271-200, GB Standards, TUV Certified
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Key Features

Design Highlights

- Compact, modular construction for flexible configuration
- Completely sealed stainless steel tank
- Integrated vacuum circuit breakers and disconnectors
- Comprehensive protection (overcurrent, short circuit, earth fault)