110kV-145kV Outdoor SF6 Circuit Breaker

Outdoor high-voltage AC self-extinguishing SF6 circuit breaker designed for 110kV, 126kV, 132kV, and 145kV power systems. It utilizes SF6 gas for insulation and arc quenching, providing reliable and efficient performance in outdoor environments.

Product Overview

High-Voltage Outdoor SF6 Circuit Breaker

This outdoor high-voltage AC self-extinguishing SF6 circuit breaker is engineered for power systems ranging from 110kV to 145kV. Utilizing SF6 gas for both insulation and arc quenching, it delivers reliable performance and efficient fault current interruption in demanding substation environments. Its robust construction is specifically designed to withstand harsh weather conditions while ensuring the safety and stability of power transmission networks.

Technical Ratings

Performance Metrics

145 kV
Max Voltage

Rated Voltage Range	110kV, 126kV, 132kV, 145kV

Core Technology

Insulation & Quenching Medium	SF6 Gas
Interruption Mechanism	Self-extinguishing

Design & Environment

Installation Environment

Outdoor • High-Voltage AC

Durability Features

- Weather-resistant robust construction
- Designed for harsh environmental conditions
- High-reliability insulation

Applications

Primary Applications

- Electrical Substations
- Power Transmission Networks
- High-Voltage Grid Protection