

# SF6 High-Voltage AC Circuit Breaker

This SF6 high-voltage AC circuit breaker is designed for 3-phase 50Hz high-voltage switchgear. It is used for control and protection in 126kV/145kV power distribution and transmission systems, and can be applied as a network interconnected circuit.



## Overview

### High-Performance SF6 Circuit Breaker

The LW30-126/145/3150-40 is a robust 3-phase, 50Hz high-voltage AC circuit breaker designed for outdoor power transmission and distribution. Utilizing SF6 gas for superior insulation and arc-quenching, it provides reliable protection for 126kV and 145kV systems. Its advanced design ensures fast operating speeds and high breaking capacity, making it an ideal solution for network interconnection and capacitor bank switching.

## Technical Specifications

|                                      |              |
|--------------------------------------|--------------|
| Rated Voltage                        | 126kV, 145kV |
| Rated Current                        | 3150 A       |
| Rated Short-Circuit Breaking Current | 40 kA        |
| Rated Frequency                      | 50 Hz        |

## Key Features

### Performance Highlights

**3150 A**

Rated Current

**40 kA**

Breaking Capacity

### Primary Applications

- Power distribution systems
- Power transmission systems
- Network interconnection
- Capacitor bank switching

### Insulation Medium

SF6 Gas