

12KV 24KV 630A Indoor SF6 Load Break Switch



The 12KV 24KV 630A indoor SF6 load break switch is designed for use in high voltage electrical equipment. This load break switch utilizes SF6 gas for insulation and arc quenching, providing reliable performance in indoor applications.

ADDITIONAL IMAGES



Overview

High-Performance Medium Voltage Switching

This indoor SF6 load break switch is engineered for reliable arc extinguishing and insulation in medium voltage power distribution systems. Featuring a compact, maintenance-free design, it integrates opening, closing, and grounding functions into a single unit, making it ideal for RMU and cable branch cabinets. With a robust epoxy resin housing and advanced safety features, it ensures long-term operational reliability for over 20 years.

Technical Specifications

Rated Voltage	12kV, 24kV
Rated Current	630 A
Insulation/Arc Extinguishing Medium	SF6 Gas
SF6 Gas Pressure	0.05 MPa

Key Features

Operating States

- Closing
- Opening
- Grounding

Safety & Reliability

Maintenance-free • Internal Arc Protection • Three-Position Interlock • Double Fracture Structure

Compliance & Standards

Standards Compliance

Standard ID	Description
IEC420, 694, 129	International Standards
GB3804-2004	3.6kV-40.5kV High Voltage AC Load Breaker Switch
GB1985-2004	High-voltage AC Isolation and Earthing Switch
GB/T11022-1999	Common Technical Requirements for High-Voltage Switchgear