

# SF6 Insulated Ring Main Unit

This high-voltage ring network cabinet uses SF6 gas as the arc extinguishing and insulating medium. Its compact design ensures easy installation, operation, and stable performance in 10 kV power supply and distribution systems.



## Product Overview



Standardized functional unit configuration

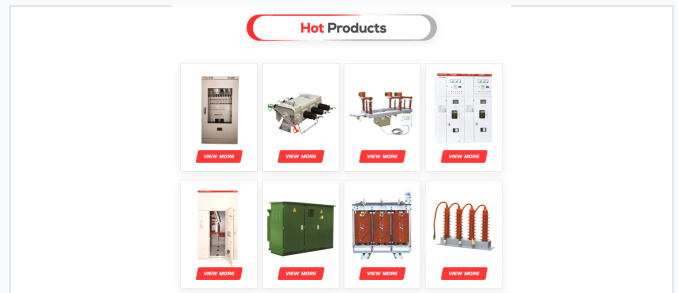
### TXGN15-12 SF6 Ring Main Unit

The TXGN15-12 series is a high-performance ring main unit utilizing SF6 gas for superior arc extinguishing and insulation. Featuring a compact, modular design, it offers exceptional reliability for 10kV power distribution systems. With integrated safety interlocks and standardized functional units, this equipment is engineered for safe operation, ease of maintenance, and flexible power network expansion.

## Technical Features



Robust enclosure design using premium imported aluminum-zinc plates



Advanced interlock system prevents operator misoperation

### Safety Features

- Pressure relief door for internal arc protection
- Main earthing busbar
- Interlocking between load and ground switches
- Automatic cabinet door interlock
- Analog circuit display

### Materials

Aluminum-zinc plate, Plastic spray treatment, Copper braided tape

### Insulation

SF6 Gas

## Performance Specifications

### Rated Voltage

**12 kV**

Rated Voltage

### Insulation Intervals

4

## Installation & Compatibility

### Advantages

- Compact volume
- Lightweight construction
- Standardized functional unit design
- Supports intelligent control unit integration
- Easy site modification and extension