

12KV Compact Solid Insulated Switchgear

This 12KV compact switchgear cabinet features solid air insulation. The stationary design is suitable for space-constrained environments.



ADDITIONAL IMAGES

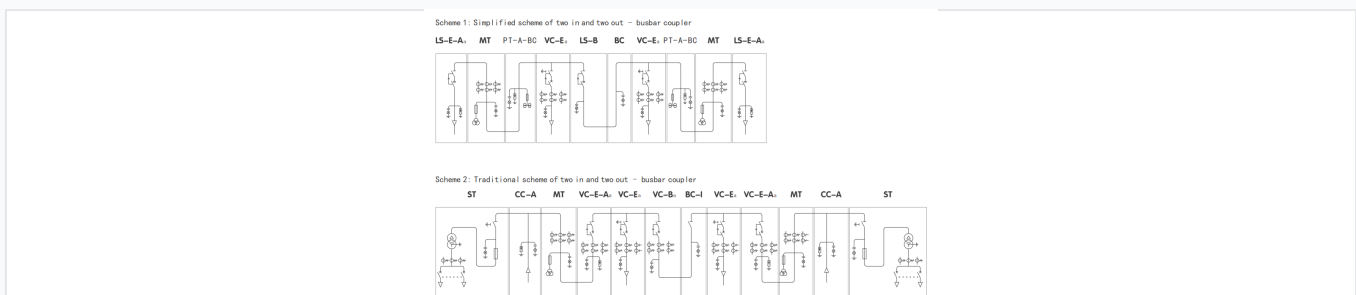


Product Overview

Compact Solid Insulated Switchgear

The TCFS-12 series is a next-generation, stationary, metal-enclosed switchgear designed for 3-12kV, 50Hz electrical systems. Featuring a modular and maintenance-free design, this cabinet utilizes advanced solid insulation technology to significantly reduce dimensions and environmental footprint. It is engineered for high operational reliability and safety, making it an ideal choice for modern industrial and commercial power distribution applications.

Technical Specifications



Typical scheme diagram showing two-in and two-out busbar configurations.

Integrated Switchgear Units

- Load switch
- Load switch + fuse-combination unit
- Vacuum circuit breaker
- Isolated earthing switch

Rated Voltage

12 kV

Cabinet Width

400 mm

Performance Metrics

Load Switch Capacity

630 A

Rated Current

25 kA

Breaking Capacity

Breaker Cabinet Capacity

1250 A

Rated Current

31.5 kA

Breaking Capacity

Compliance

Standards & Regulations

GB311.1, GB3804, GB1984, GB3906, GB/T11022, DL/T403, DL/T593