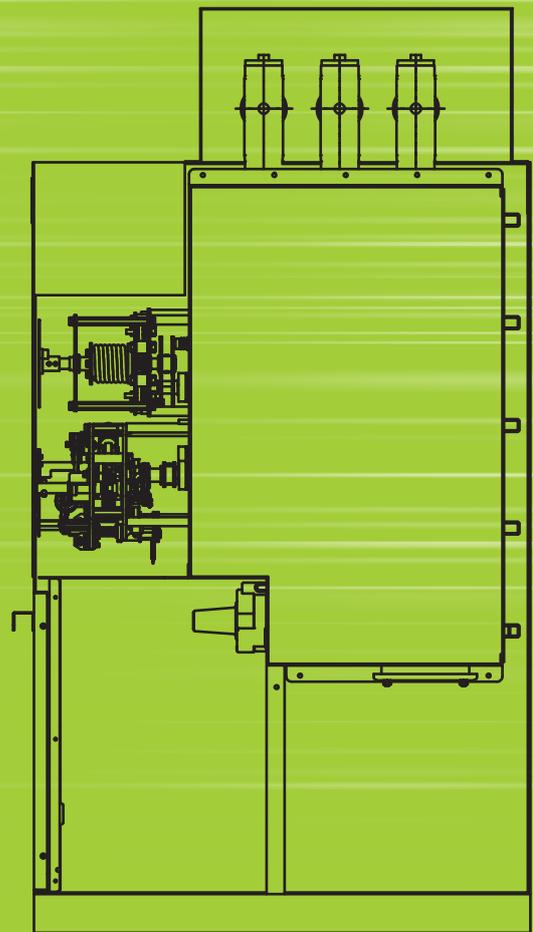
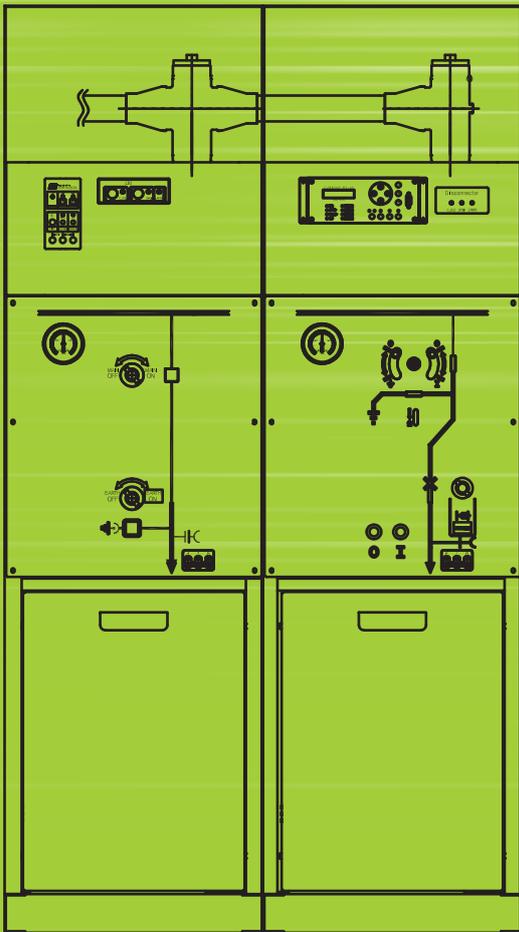


GREEN GAS INSULATION SWITCHGEAR

24KV 20KA 800A



COMPAC
ELECTRIC

Advantage of new COMPAC MSR-24KV Switchgear



Dry-Air insulation Technologies
Replace Traditional SF6 Gas to Reach No-Harm to the Earth.



Modular Designed
Easy for Expansion and Installation Safely and Efficiency.



Compact Size
Save a Lot of Spaces, Saving 60 to 80% of Space than MSG Air Switchgear.



Top Flexible Connection
International Standard Link Devices, Easy and Fast. Avoid Vibration Risk and Horizontal Issue.



Flexible Combinations
To Fit Multiple Applications as CB unit, VT unit, LBS unit..

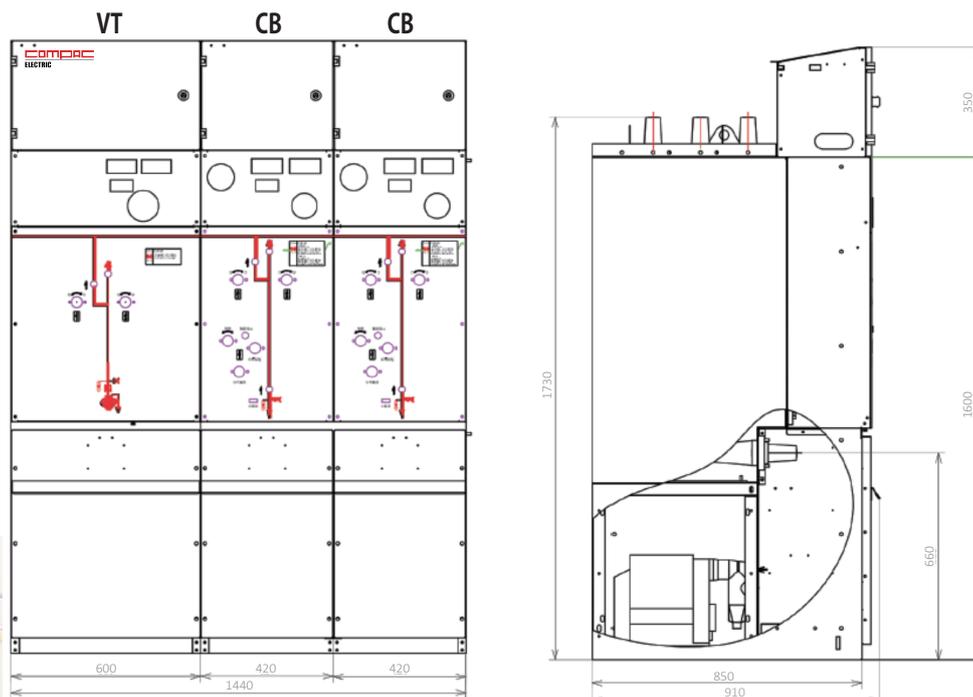


All Optional Possibilities
Breaker Status Monitoring System, Protective & Control System under IEC 61850.



International Certification
Certify by STL With IEC 62271-200, IEC 62271-100 & IEC 62771-102.

Dimensions



Environment Conditions



The cubicles must be stored and installed in a dry area free from dust and with limited temperature variations.

For stocking : -40 °C ~ +80 °C

For working : -25 °C ~ +40 °C



Altitude for installation : under 2500m



Relative humidity : max. 95 %



Structural Design



Vacuum Circuit Breaker/Load Switch

Adopts a three-phase integrated structure

"3-in-1" integrated design of circuit breaker, disconnecting switch and earthing switch functions, compact in size and taking up less space



Features:

1. Vacuum interrupter
2. Mature and stable transmission structure
3. Phase distance 150mm
4. Environmentally friendly material insulated rack
5. The mechanism can provide opening/closing auxiliary position contacts

Greater Reliability and Security

The conductive part of the main circuit is sealed from dry air, and the high-voltage live conductor is sealed from the external environment.

The influence of changing conditions can be used in places with harsh environments to ensure long-term safe operation of the equipment with high reliable and no risk of electric shock or fire. It has good air tightness and can last up to 30 years without air replenishment.

Technical Data

General Electrical Characteristics		IEC
Rated Voltage	U _i (KV)	24
Rated Frequency	f _r (HZ)	50/60
Rated Current	I(A)	800
Rated Short-Duration Power Frequency withstand Voltage (1 Min)		
Phase-to-Earth and Between Phases	U _d (KV)	65
Across Isolating Distance	U _d (KV)	79
Rated Lightning Impulse withstand Voltage		
Phase-to-Earth and Between Phases	U _p (KV)	125
Across Isolating Distance	U _p (KV)	145
Internal Arc Classification	IAC	1 sec.
BUS System		
Rater Current	I(A)	800
Rated Short-Time withstand Current	KA/Sec.	20/3
Rated Short-Time withstand Current-Peak Value	KA	50
LBS System		
Rated Current	I(A)	800
Rated Short-Time withstand Closed Current	KA	50
Rated Short-Time withstand Current	KA/Sec.	20/3
Numbers of LBS Mechanism Operation	Times	M2/10000
Numbers of DS Mechanism Operation	Times	M1/2000
DS+CB System		
Rated Current	I(A)	800
Rated Short-Time withstand Current-Opened	KA	20
Rated Short-Time withstand Current-Cloesd	KA	50
Rated Short-Time withstand Current	KA/Sec.	20/3
Numbers of CB Mechanism Operation	Times	M2/10000
Numbers of DS Mechanism Operation	Times	M1/2000