

Reliable and future-proof medium voltage switchgear for modern power distribution

OUR PRODUCT

The NS-2 is a medium voltage dry air insulated GIS switchgear designed for primary distribution networks up to 36 kV.

The system replaces SF₆ gas with environmentally friendly dry air insulation, while maintaining the key advantages of traditional gas insulated switchgear. This results in a compact, highly reliable and maintenance-free solution for modern electrical networks.

The switchgear is built around a hermetically sealed metal enclosure that protects the internal switching components from environmental influences such as dust, humidity and corrosion.

WHY CHOOSE SGC ?



45+ years of switchgear expertise
Decades of experience in medium voltage switchgear design and manufacturing.



SF₆-free dry air technology
Environmentally friendly insulation technology without greenhouse gases.



Compact GIS design
Space-saving switchgear with the reliability of gas insulated systems. As compact as traditional SF₆ offerings



High safety and reliability
Hermetically sealed design protecting components from environmental impacts.



Maintenance-free operation
Sealed system designed for long service life and reduced operating costs.



European engineering and manufacturing
Designed and manufactured in Belgium according to international IEC standards.



KEY FEATURES

- SF-6 FREE
- Compact GIS design
- Hermetically sealed tank
- Maintenance-free operation
- Solid insulated busbar
- Vacuum circuit breaker technology
- Integrated Condition Monitoring



DRY AIR GIS Primary Distribution 24 kV and 36 kV (F-gas free)

TECHNICAL DATA

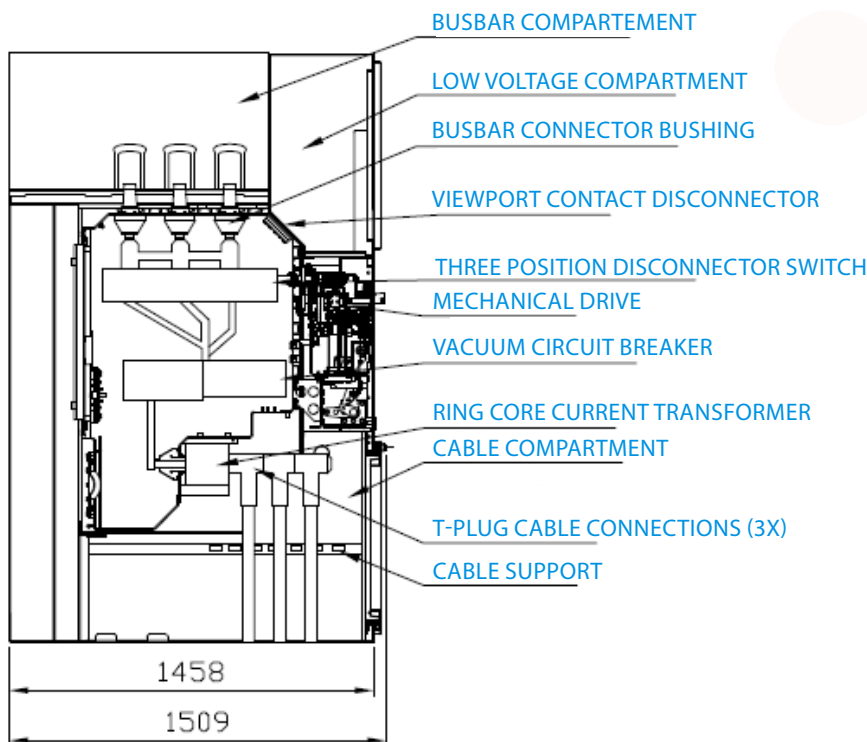
Intl Technical Standards		IEC 62271-200	
Rated Voltage	kV	24	36
Testing Voltage (PF/Impulse)	kV	50/125	70/170
Rated Frequency	Hz	50/60	
Rated Busbar Current	A	2.500	
Rated Feeder Current	A	1.250/2.200	
Rated Short Time Current	kA	31.5 (3s)	
Internal Arc Protection AFLR	kA	31.5 (1s)	

DIMENSIONS

Width	mm	650 (1.250 A) - 900 (2.200 A)
Height	mm	2.400
Depth	mm	1.500

DRY-AIR INSULATION

Intl Technical Standards	kPa	200 at 20 °C
Rated Voltage	kPa	180 at 20 °C
Testing Voltage (PF/Impulse)	°C	-5...+40



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