



RITTER
Starkstromtechnik

Medium Voltage
Switchgear

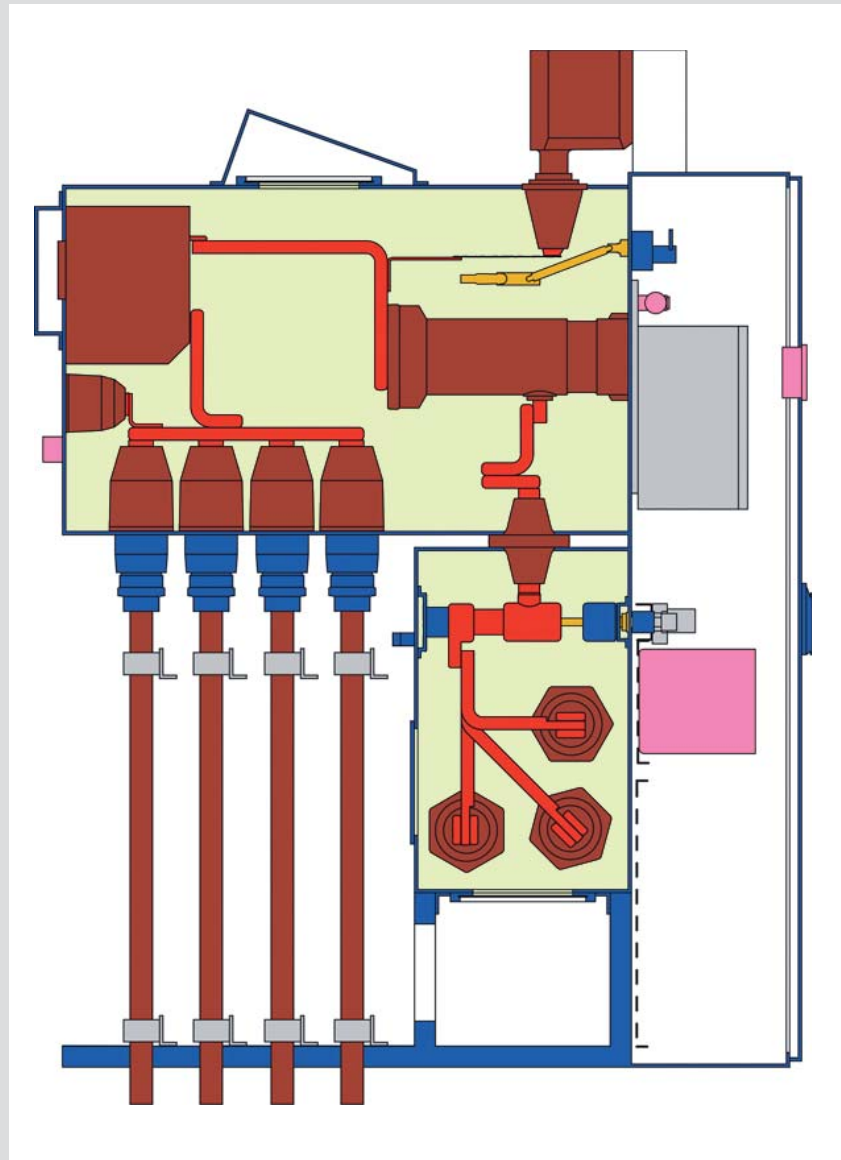
GS2

Gas-insulated
switchgear with
single busbar,
proofed to
internal arcing,
metal enclosure,
up to 36 kV,
2500 A, 31,5 kA,
IEC 62271-200

Gas-insulated switchgear type GS2

with single busbar, proofed to internal arcing, metal enclosure, up to 36 kV, 2500 A, 31,5 kA

- Each gas compartment is a sealed pressure system
- SF₆ gas-insulated
- Modular structure
- Stainless steel enclosures
- Panels connected by plug-in busbar connectors requiring no gas work
- High cable termination point at 1250 mm
- Inner cone cable plug systems in sizes 2 and 3
- Test socket size 2 in each cable panel
- Solid-insulated bar connection possible
- Pressure relief optionally on each panel or via pressure relief ducts



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Technical Data

Rated Voltage	Rated Busbar Current	Rated Branch Current	Peak Withstand Current	Shorttime Current	Short Circuit Duration	Arc Resistance
12 kV	up to 2500 A	up to 2500 A	80 kA	31,5 kA	3 s	1 s
24 kV	up to 2500 A	up to 2500 A	80 kA	31,5 kA	3 s	1 s
36 kV	up to 2500 A	up to 2500 A	80 kA	31,5 kA	3 s	1 s

Dimensions

12 kV	Width	600 / 800 mm	Depth	1300 / 1800 mm	Height	2100 mm
24 kV	Width	600 / 800 mm	Depth	1300 / 1800 mm	Height	2100 mm
36 kV	Width	600 / 800 mm	Depth	1300 / 1800 mm	Height	2100 mm