



RITTER
Starkstromtechnik

Medium Voltage
Switchgear

GS3

Gas-insulated
switchgear with
single or double
busbar, proofed
to internal arcing,
metal enclosure,
up to 36 kV,
2500 A (4000 A),
31,5 kA,
IEC 62271-200

Gas-insulated switchgear type GS3

with single or double busbar, proofed to internal arcing, metal enclosure, up to 36 kV, 2500 A (4000 A), 40 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
- 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 via pressure relief ducts



RITTER Starkstromtechnik GmbH & Co. KG

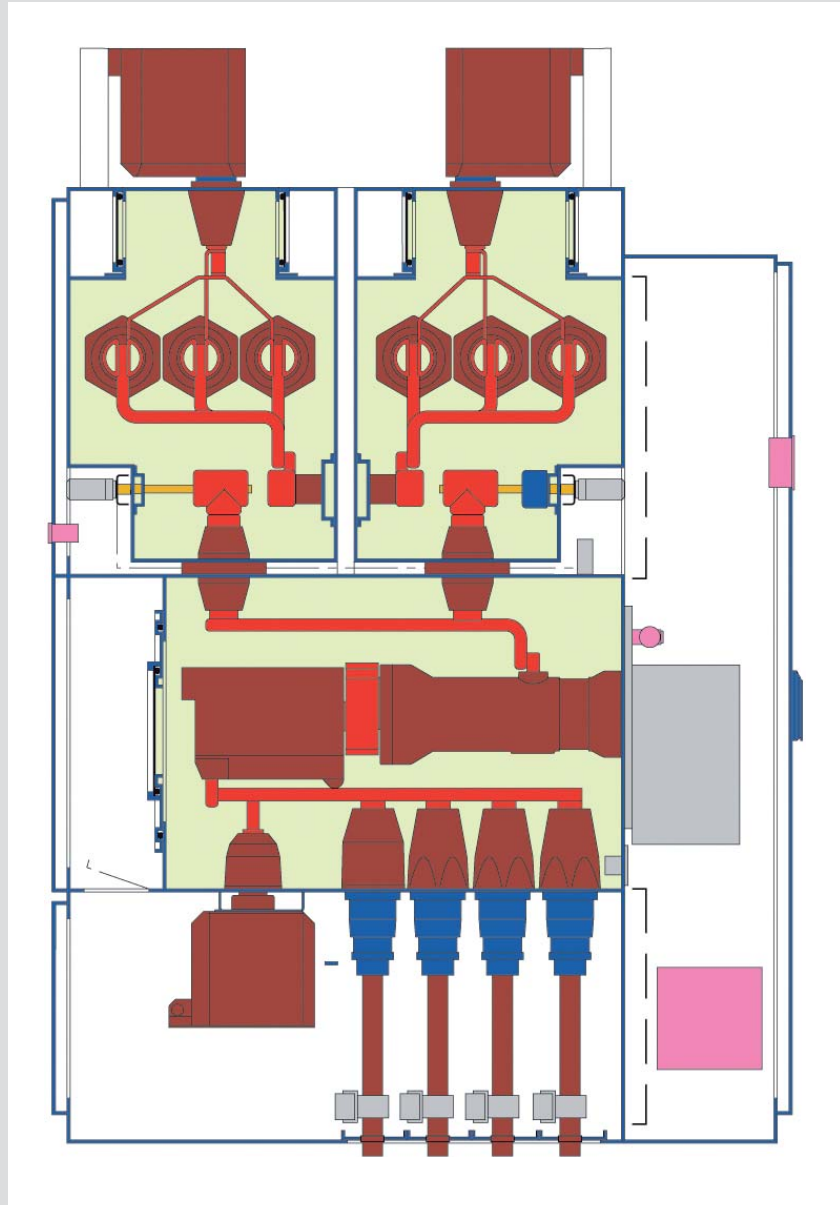
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Technical Data

| 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 | 100 kA | 40 kA | 3 s | 1 s |
| 24 kV | up to 2500 A | up to 2500 A | 100 kA | 40 kA | 3 s | 1 s |
| 36 kV | up to 2500 A | up to 2500 A | 100 kA | 40 kA | 3 s | 1 s |

Dimensions

| | | | | | | |
|-------|-------|--------------|-------|---------|--------|---------|
| 12 kV | Width | 600 / 800 mm | Depth | 1760 mm | Height | 2300 mm |
| 24 kV | Width | 600 / 800 mm | Depth | 1760 mm | Height | 2300 mm |
| 36 kV | Width | 600 / 800 mm | Depth | 1760 mm | Height | 2300 mm |