



RITTER
Starkstromtechnik

Compact
Medium Voltage
Switchgear

GS1

Gas-insulated
switchgear with
single busbar,
proofed to
internal arcing,
metal enclosure,
up to 24 kV,
1250 A, 25 kA,
IEC 62271-200

Gas-insulated switchgear Typ GS1

with single busbar, proofed to internal arcing, metal enclosure, up to 24 kV, 1250 A, 25kA

- Each gas compartment as a sealed pressure system
- SF₆ gas-insulated
- Metalclad and gas-tight
- Direct wall mounting
- Stainless steel enclosures
- Modular structure
- Units connected by plug-in busbar connectors requiring no gas work
- Access to cables from the front
- Outer cone cable plug system

Block versions

width of function unit 400 and 600 mm

- GS1 for all users
- Electrical operation for circuit-breaker, three position disconnector and switch-disconnector
- With multifunctional protection and control unit
or
- For applications without auxiliary voltage
- Manual operation of all switching devices



RITTER Starkstromtechnik GmbH & Co. KG

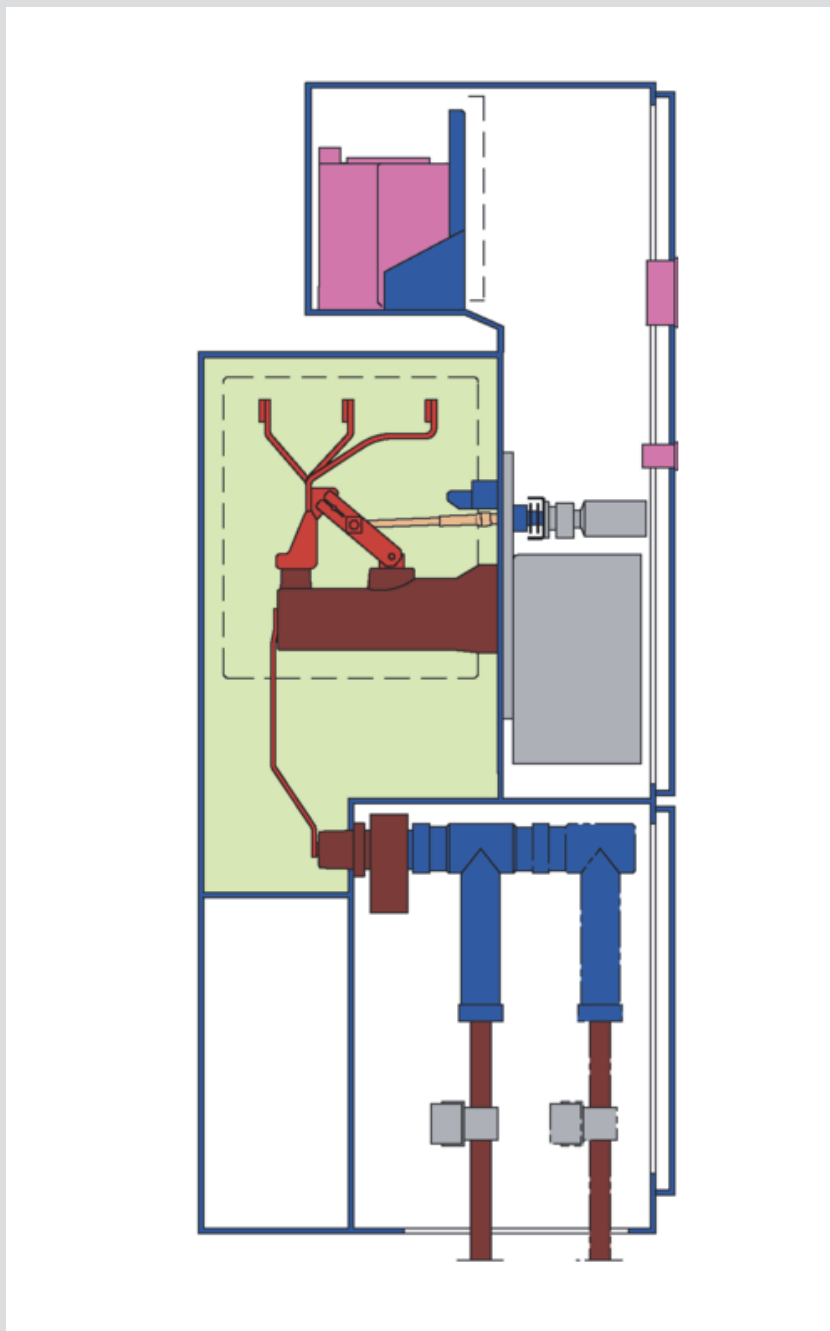
P.O. box 50 04 08, D-44204 Dortmund
Luisen Glück 20 D-44225 Dortmund (Barop)
Phone +49-231-77 55-0
Fax +49-231-77 55-111
dortmund@ritter-starkstromtechnik.de

Factory for switchgears

P.O. box 64, D-59395 Olfen
Niekamp 8, D-59399 Olfen
Phone +49-25 95-3 81-0
Fax +49-25 95-3 81-233
olfen@ritter-starkstromtechnik.de

Dortmund, Olfen, Wilnsdorf, Magdeburg,
Berlin, Leuna, Erfurt, Erlangen, München,
Trier, Nootdorp (NL)

www.ritter-starkstromtechnik.de



Technical Data

Rated Voltage	Rated Busbar Current	Rated Branch Current	Peak Withstand Current	Shorttime Current	Short Circuit Duration	Arc Resistance
12 kV	up to 1250 A	up to 1250 A	63 kA	25 kA	3 s	1 s
24 kV	up to 1250 A	up to 1250 A	63 kA	25 kA	3 s	1 s

Dimensions

Rated Voltage	Width	Depth	Height
12 kV	400 / 600 mm	850 / 1000 mm	2100 / 2250 mm
24 kV	400 / 600 mm	850 / 1000 mm	2100 / 2250 mm