



RITTER
Starkstromtechnik

Medium Voltage
Switchgear

GT1

Truck-type switchgear with circuit-breakers, single busbar for substations, for single- and duplex-mounting, metal enclosure, metal clad, air insulated, 12, 24 and 36 kV, list 2, up to 4000 A and 50 kA 3 s, proofed to internal arcing VDE 0670 part 6, IEC 62271-200 and IEC 60298 + PEHLA IEC 60694

Truck-Type Switchgear Type GT1

12-, 24- and 36 kV switchgear for single- and duplex-mounting.

Design

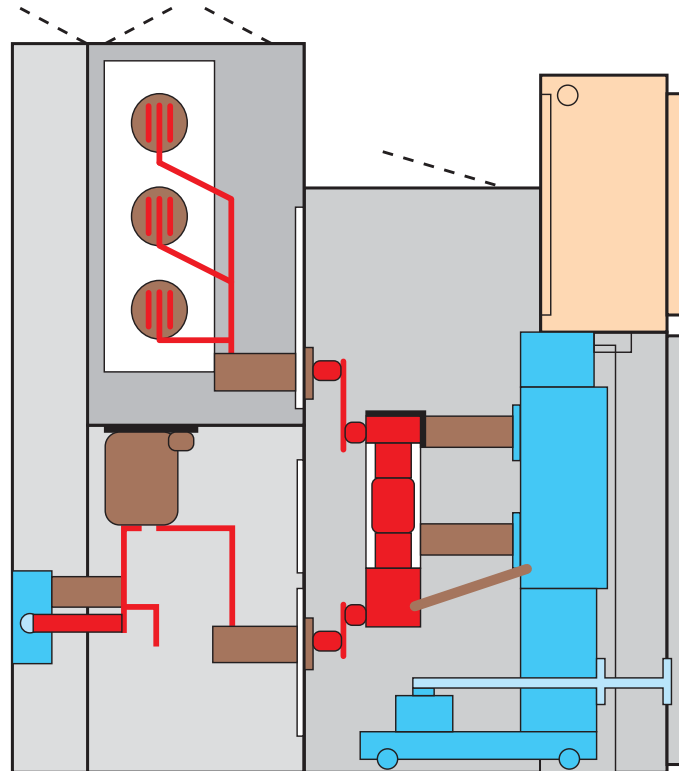
Metal enclosure, metal clad, air insulated, type tested, proofed to internal arcing, with busbar compartmentalization (type GT1-2), and optional compartmentalization for circuit-breaker and cable terminal section (type GT1-4).

Field of Application

Circuit-breaker switchgear for distribution substations in grid-, industrial- and power supply plants. Applicable for the switching of transformers, motors, generators, capacitors and transmission lines.

Cubicle Styles

Load-break switches, circuit-breakers and vacuum contactors in truck type design, measuring cubicles in fixed mounted or truck-type design.



GT1

Rated Technical Data

Voltage	Current Busbar	Current Branch	Peak Current	Shorttime Current	Short Circuit Duration	Arc Resistance
12 kV	Up to 4000 A	Up to 4000 A	125 kA	50 kA	3 s	1 s
17,5 / 24 kV	Up to 2000 A	Up to 2000 A	63 kA	25 kA	3 s	1 s
36 kV	Up to 3150 A	Up to 3150 A	100 kA	40 kA	1 s	1 s

Dimensions

12 kV	Width	800/1000 mm	Depth	1650 mm	Height	2200-2700 mm
17,5 / 24 kV	Width	1000 mm	Depth	1650 mm	Height	2200-2700 mm
36 kV	Width	1500 mm	Depth	2500 mm	Height	2500 mm



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