

Dead tank type Gas Circuit Breakers (GCB)

Ratings and Specifications

Rated Voltage (kV)	145	245	362	420	550	800	1100	
Rated Breaking Current (kA)	40 - 63	40 - 63	40 - 63	40 - 50	40 - 63	50	50	
Rated Continuous Current (A)	3150	4000	4000	4000	4000/6300	4000	8000	
Rated Withstand Voltage (kV)	Power Frequency	275	460	500	520	620/740	830	1100
	Lightning Impulse	650	1050	1300	1425	1550/1675	2100	2400
Breaking time (Cycle)	3	3(Gang)/2(IPO)	2	2	2	2	2	
Rated Gas Pressure (MPa)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
CB Operating Mechanism	Motor-driven Spring	Motor-driven Spring	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	
CB Operation	IPO*/ Gang	IPO/ Gang	IPO	IPO	IPO	IPO	IPO	
Pre-Insertion Resistor (option)	Possible to provide as option to all ratings.							

* Independent Pole Operation

145kV GCB



Technical data

Rated Voltage (kV) :	145
Rated Current (A) :	3150
Rated Breaking Current (kA) :	63
CB Operating Mechanism:	Motor-driven Spring

245kV GCB



Technical data

Rated Voltage (kV) :	245
Rated Current (A) :	4000
Rated Breaking Current (kA) :	63
CB Operating Mechanism:	Motor-driven Spring

362kV GCB



Technical data

Rated Voltage (kV) :	362
Rated Current (A) :	4000
Rated Breaking Current (kA) :	63
CB Operating Mechanism:	Hydraulic

550kV GCB



Technical data

Rated Voltage (kV) :	550
Rated Current (A) :	4000/6300
Rated Breaking Current (kA) :	63
CB Operating Mechanism:	Hydraulic

800kV GCB



Technical data

Rated Voltage (kV) :	800
Rated Current (A) :	4000
Rated Breaking Current (kA) :	50
CB Operating Mechanism:	Hydraulic