

Gas Circuit Breakers

CG is one of the leading manufacturers of SF6 gas circuit breakers (GCB) in the world. We manufacture GCBs ranging from 24 kV to 765 kV. More than 55,000 GCBs have been put into service in various environments in many countries since 1983 and operating satisfactorily. We developed 800 kV 3150 A, 50 kA GCB with Spring-Spring Mechanism indigenously with our R & D efforts. We have also developed breakers for 40 Deg application and 60 Hz frequency requirement. Our manufacturing units are certified with ISO 9001, ISO 14000 for environment control and OSHAS 18000.

Description	Rated Voltage	Rated Current	Breaking Capacity	Standards
<u>Indoor Type</u>				
<u>36 kV Indoor SF6 GCB</u>	Up to 36 kV	Up to 2000 A	Up to 40 kA	IEC,IS
<u>Outdoor Type</u>				
<u>36 kV Outdoor GCB</u>	33 KV	Up to 3150 A	Up to 25 kA	IEC
<u>72.5 kV Outdoor GCB</u>	72.5 KV	Up to 3150 A	Up to 40 kA	IEC
<u>145 KV Outdoor GCB</u>	145 KV	Up to 3150 A	Up to 40 kA	IEC
<u>170 kV Outdoor GCB</u>	170 kV	Up to 3150 A	Up to 40 kA	IEC
<u>245 kV Outdoor GCB</u>	245 kV	Up to 3150 A	Up to 40 kA	IEC
<u>420 kV Outdoor GCB</u>	420 kV	Up to 4000 A	Up to 50 kA	IEC
<u>800 kV Outdoor GCB</u>	800 kV	Up to 4000 A	Up to 50 kA	IEC