

RHB-52 Live tank SF6 gas circuit breaker

Compliant with IEC & CEI power equipment standards



Features self-blast arc extinction technology
 Three-phase structure with post porcelain insulators
 Pointer-style density relays for pressure and density monitoring



Rated voltage	52 kV
Rated frequency	50 Hz
Rated current	up to 4000 A
Rated short-time withstand current, up to 3 s	up to 63 kA
Rated peak withstand current	up to 158 kA
Rated short-duration power-frequency withstand voltage, 1 min	95 kV
Power-frequency withstand voltage, 1 min across open contacts	95 kV
Rated lightning impulse withstand voltage, 1.2/50 μ s	200 kV
Rated lightning impulse withstand voltage, 1.2/50 μ s, across open contacts	250 kV
Rated filling pressure (abs. at 20 °C) circuit-breaker/other components	0.5 Mpa
Minimum functional pressure (abs. at 20 °C) circuit-breaker/other components	0.4 Mpa
Temperature range (ambient)	-30...+40°C
Type of installation	outdoor
Partial discharge capacity	<5 PC
SF6 leakage rate per year	<0.5%
Maintenance cycle	30 Year

Provided customized manufacture
 Whole solutions for design, assembly, test...
 Accountable solution for safety and reliability
 Wide range offering, easy business and convenient installation