

RHB-170 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	170 kV
Rated frequency	50/60 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	275 kV
Power - frequency withstand voltage, 1 min across open contacts	315 kV
Rated lightning impulse withstand voltage, 1.2/50 μ s	650 kV
Rated lightning impulse withstand voltage, 1.2/50 μ s, across open contacts	750 kV
Rated filling pressure (abs. at 20 °C) circuit - breaker	0.5 Mpa
Minimum functional pressure (abs. at 20 °C) circuit - breaker	0.4 Mpa
Temperature range (ambient)	-40...+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