

RHB-72.5 Live tank SF6 gas circuit breaker

Compliant with IEC & CEI power equipment standards



Adopt self-blast arc extinguishing principle
 Three-phase post-type porcelain insulator structure
 Adopt pointer-type density relays for pressure and density monitoring



Rated voltage	72.5 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	140 kV
Power - frequency withstand voltage, 1 min across open contacts	160 kV
Rated lightning impulse withstand voltage, 1.2/50 μ s	325 kV
Rated lightning impulse withstand voltage, 1.2/50 μ s, across open contacts	375 kV
Rated filling pressure (abs. at 20 °C) circuit – breaker /other components	0.6 Mpa
Minimum functional pressure (abs. at 20 °C) circuit - breaker/other components	0.5 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