

# RHB-252 Live tank SF6 gas circuit breaker

Standard and versatile circuit breakers for all primary applications

Self-blast arc extinguishing design

Single-phase post porcelain insulator construction.

Pointer-type density relays for pressure/density monitoring



Rated voltage	252 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	100,125 kA
Rated short-duration power - frequency withstand voltage, 1 min	460 kV
Power - frequency withstand voltage, 1 min across open contacts	530 kV
Rated lightning impulse withstand voltage, 1.2/50 $\mu$ s	1050 kV
Rated lightning impulse withstand voltage, 1.2/50 $\mu$ s, across open contacts	1200 kV
Rated filling pressure (abs. at 20 °C) circuit - breaker	0.6 Mpa
Minimum functional pressure (abs. at 20 °C) circuit - breaker	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