

# RHB-145 Live tank SF6 gas circuit breaker

Compliant with IEC & CEI power equipment standards



Adopt self-blast arc extinguishing principle

Three-phase configurations are built with post-type porcelain insulators

Adopt pointer-type density relays for pressure and density monitoring



Rated voltage	145 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 μs	650 kV
Rated lightning impulse withstand voltage, 1.2/50 μs, across open contacts	750 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

**ROCKWILL®**

Powered by [IEE Business](#)