



RVD Dead tank vacuum circuit breaker

Standard and versatile circuit breakers for all primary applications

SF6 Free/Pure Air

12...145 kV, 1250...3150A, 25...50 kA, 50/60Hz,
 Perform 10000 overhaul-free mechanical operations on most ratings.
 Modular spring-operated mechanical actuator ensuring easy operation.
 Have a complete range of accessories to satisfy all installation requirements.
 Have a standardized range of accessories and spare parts.



Rated voltage	12...145KV
Rated frequency	50/60HZ
Rated short-duration power-frequency withstand voltage (1 min)	42...275KV
Rated lightning impulse withstand voltage (1.2/50 us)	75...650KV
Rated continuous current- bus bar / feeder bus coupler	1250-3150A
Rated short-circuit breaking current	25-50KA
Rated peak withstand current	63. 80.100. 135KA
Rated short-time withstand current (up to 3 s)	25.31.5.40.50KA
Leakage rate per year and gas compartment (type tested)	<0.1%
Drive mechanism of circuit-breaker	stored energy spring
Rated operating sequence	0-0.3 s-C0-3 min-C0 C0-15 s-C0
interrupter technology	vacuum
Insulation medium	clean air
Weight of SF6 or other fluorinated green-house gases	0 kg
Rated filling pressure	0.8 MPa (abs.)
Bay width common pole drive	1000 mm
Ambient temperature range	-50°C+55°C
Installation	Indoor/outdoor
First major inspection	> 25 years
Expected lifetime	> 50 years
Standards	IEC/IEEE

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