

VBP indoor medium voltage sealed type vacuum circuit breaker is used in the control and protection for rated voltage 12KV, AC 50 Hz power grid.

It's applicable to the place which has frequent operating in rated current or under repeatedly on/off short circuit current VBP can be installed in KYN28, KYN96 type switchgear and match with other armored cabinet, which conforms to GB, IEC and DL standards.

Environment Condition:

- Ambient temperature: -10℃~+40℃
- Altitude: ≤1000m
- Daily average relative humidity: ≤95%
- Monthly average relative humidity: ≤90%
- Saturated vapor pressure: Daily average: ≤2.2 × 10⁻³MPa, Monthly average: ≤1.8 × 10⁻³MPa.
- Earthquake intensity: ≤8 degree
- No flammable, explosion, severe vibration, chemical corrosion and serious pollution

Technical Data

1	Rated voltage	KV	12
2	Rated frequency	HZ	50
3	Rated current	A	630,1250,1600,2000,2500,3150
4	Rated short circuit break current	KA	31.5
5	Rated peak value withstand current	KA	80
6	Rated short circuit making current	KA	63,80
7	Rated operation sequence		O-0.3s-CO-180s-CO
8	Break times of rated short circuit current	Times	30
9	Mechanical life	Times	10000
10	Break current of rated different phases earth fault	KA	27.4
11	Break current of rated single capacitor bank	A	400
12	Break current of rated back to back capacitor bank	A	400
13	Rated open operation voltage/current	V/A	DC(AC)220/1.1 DC(AC)110/2.2
14	Rated making operation voltage/current	V/A	DC(AC)220/1.1 DC(AC)110/2.2
15	Release work current of rated transient over current	A	5
16	Rated circuit of secondary circuit	V	DC(AC)220 DC(AC)110
17	Rated voltage of energy storage motor	V	DC(AC)220 DC(AC)110

Outline Dimension

