

LN2-12, LN2-40.5 indoor high voltage, handcart SF6 vacuum circuit breaker is suitable for the operation and protection of capacitor bank. It's used to the rated voltage 10kV, 35kV, three-phase AC 50Hz power system, such as the mining industry, power plants and substations, and etc.

It divides and shuts rated current and fault current, and for frequent operation required, also used for switching off capacitor bank breaker with contact short circuit. This product match with CT10 spring operation mechanism(AC/DC) or CDIII electromagnetic operation mechanism.

This product meets the GB1984-2003 <AC High Voltage Circuit Breaker> National standard, ZBK43001-88< General technical specifications for High Voltage SF6 Circuit Breaker> and IEC standard.

**Environment Condition:**

- Ambient temperature:-10℃~+40℃
- Altitude: ≤1000m
- Daily average relative humidity: ≤95%; Monthly average relative humidity: ≤90%
- Earthquake intensity: ≤8 degree
- No fire, explosion, severe vibration, chemical corrosion and serious pollution

**Technical Data**

1	Rated voltage	kV	36/40.5
2	Lightning impulse withstand voltage (peak)	kV	185
3	1min power frequency withstand voltage	kV	95
4	Rated Frequency	HZ	50/60
5	Rated current	A	630,1250
6	Rated short-circuit making current	kA	63
7	Rated short-circuit breaking current (peak)	kA	63/80
8	Rated operating sequence		O-0.3s-CO-180s-CO
9	Mechanical life time	Times	10000
10	Rated withstand current (peak)	kA	63
11	Rated withstand current (4s)	Ka	25
12	Transient recovery voltage	kV/Us	0.69
13	Transient recovery voltage (peak)	kV	70
14	Contact closing bounce time	ms	≤3

**Outline Dimension**