

**HZN85-36/T2000-31.5 户内交流真空断路器 INDOOR AC HIGH - VOLTAGE VACUUM CIRCUIT BREAKER**



■ **Applying Ambient conditions:**

1. The elevation should be no higher than 1000m.
2. Ambient temperature: The max. temperature should be +40°C. The min. temperature should be -15°C.
3. Relative Humidity: The average humidity of a day should be no more than 95%. The average humidity of a month should be no more than 90%.
4. Saturated Vapour pressure: The average saturated vapour pressure of a day should be no more than  $2.2 \times 10^{-3}$  Mpa; The average saturated vapour pressure of a day should be no more than  $1.8 \times 10^{-3}$  Mpa. Installing location should be no heavily smoke ash, flammable matters, explosive danger, chemical corrosion as well as severe vibration.

■ **Specification sheet :**

Name	Unit	Data
Rated Voltage	kV	36
Rated current	A	2000
Rated Frequency	Hz	50
Rated Short-circuit Breaking Current	kA	31.5
Rated Short-circuit Making Current	kA	80
Rated Short-time Withstand Current	kA	31.5
Rated Peak Withstand Current	kA	80
Rated Power Frequency Withstand Voltage	kV	95
Lightning Impulse Withstand Voltage	kV	185
Rated Short-circuit Duration	s	4
Rated Operating Sequency		O-0.3s-CO-180s-CO
Breaking Cycles at Rated Short-circuit Breaking Current	cycle	20
Mechanical Endurance	cycle	10000
Breaking Time	ms	≤80
Single Capacitor Bank Breaking Current	A	630
Back to Back Capacitor Bank Breaking Current	A	400