JN15-24/31.5 Series Indoor High Voltage Earth Switch

General

JN15-24/31.5 Series indoor high voltage earth switch is a new earth switch developed by our company. It's featured with advanced design, compact structure and reliable technical performance, complying with GB1985-2004 High-voltage Alternating-current Disconnectors and Earthing Switches and IEC62271-102:2002 standard. It's suitable for three-phase power system of 24KV 50(60)Hz, it owns short circuit making capacity so as to prevent the switchgear and other electric appliances from being damaged, and it can be used for earthing protection during equipment repair and maintenance when equipped with various high voltage switch cabinets.

Model Implication

J N 15 - 24 / 31.5 - □

- Interphase distance (mm)
- Rated short-time withstand current (KA)
- Rated voltage (KV)
- Design No.
- Indoor
- Earth switch

Normal Work Environment

Altitude: ≤ 1000m;
Ambient temperature: upper limit +40℃ ; lower limit -25℃
Earthquake intensity: ≤ 8 degrees;
Daily average relative humidity: ≤ 95%, monthly average: ≤ 90%
Pollution grade: class II.

Ordering Information

1. When ordering, the user shall specify model number, operating mode (right or left operation), phase distance and voltage indicator (model of indicator);
2. User shall specify whether the soft connection's length shall be lengthened or not (normally L=400mm);
3. User shall contact our company for negotiation for any other special requirement.

Main Technical Parameters

No.	Item		Unit	Parameter	
1	Rated voltage		kV	24	
2	Rated short-time withstand current		kV	31.5	
3	Rated duration of short circuit		S	4	
4	Rated short circuit making current		kA	80	
5	Rated peak withstand current		kA	80	
6	Rated insulation level	Rated short-time power frequency withstand voltage	KV	Phase-to-earth	6.5
		Rated lightning impulse withstand voltage		Phase-to-phase	125
7	Mechanical life		time	2000	

Outline and Installation Size

