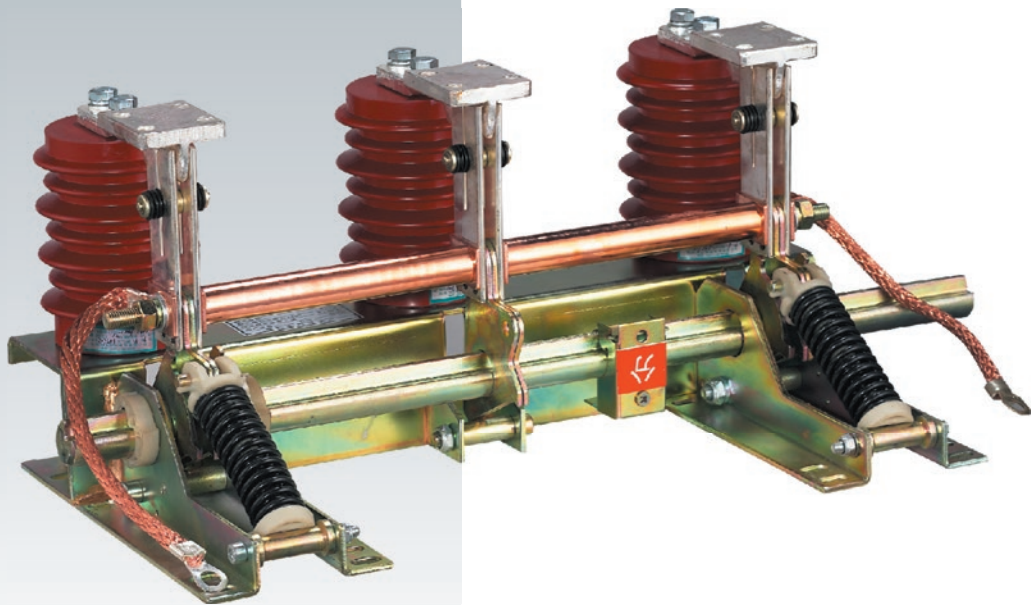


JN15-12

Indoor high voltage ground switch



Overview

JN15-12/31.5-80 series indoor high voltage grounding switch performance in line with GB1985-2004 "AC high voltage isolation switch and grounding switch" and IEC129 requirements, suitable for 12kV and below AC 50Hz power system, can be used with various types of high voltage switchgear. It can also be used as ground protection for high voltage electrical equipment maintenance. This type of switch can be used with a live display device.

JN15-12

Indoor high voltage ground switch

Model meaning

J	N	15	-	12	/	31.5	-	□
↓	↓	↓		↓		↓		↓
Ground switch	Indoor installation	Design sequence number		Rated voltage (kV)		Rated short-time withstand current (KA)		Interphase distance

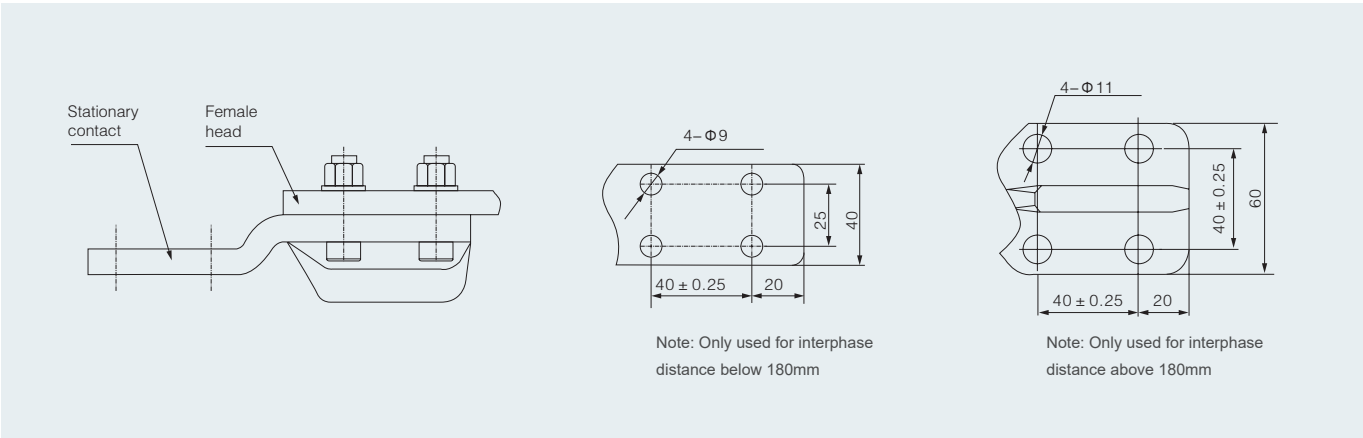
Environmental conditions of use

- Ambient air temperature: upper limit +40℃ , lower limit -10℃ ;
- Sea level: no more than 1000 meters;
- Humidity conditions: the average daily relative humidity is not more than 95%, the average monthly relative humidity is not more than 90%;
- Seismic sequence: no more than 8 degrees;
- Pollution level: Class II.

Main technical parameters

Item		Unis	Argument	
Rated voltage		Kv	12	
Rated short-time withstand current (heat stable)		KA	31.5	
Rated short circuit holding time		S	4	
Rated short-circuit closing current		KA	80	
Rated peak withstand current (dynamic stability)		KA	80	
Rated insulation level	Rated short-time power frequency withstand voltage	kV	Relative to each other	42
	Rated lightning impulse withstand voltage	kV	Relative to each other	75
Mechanical life		time	2000	

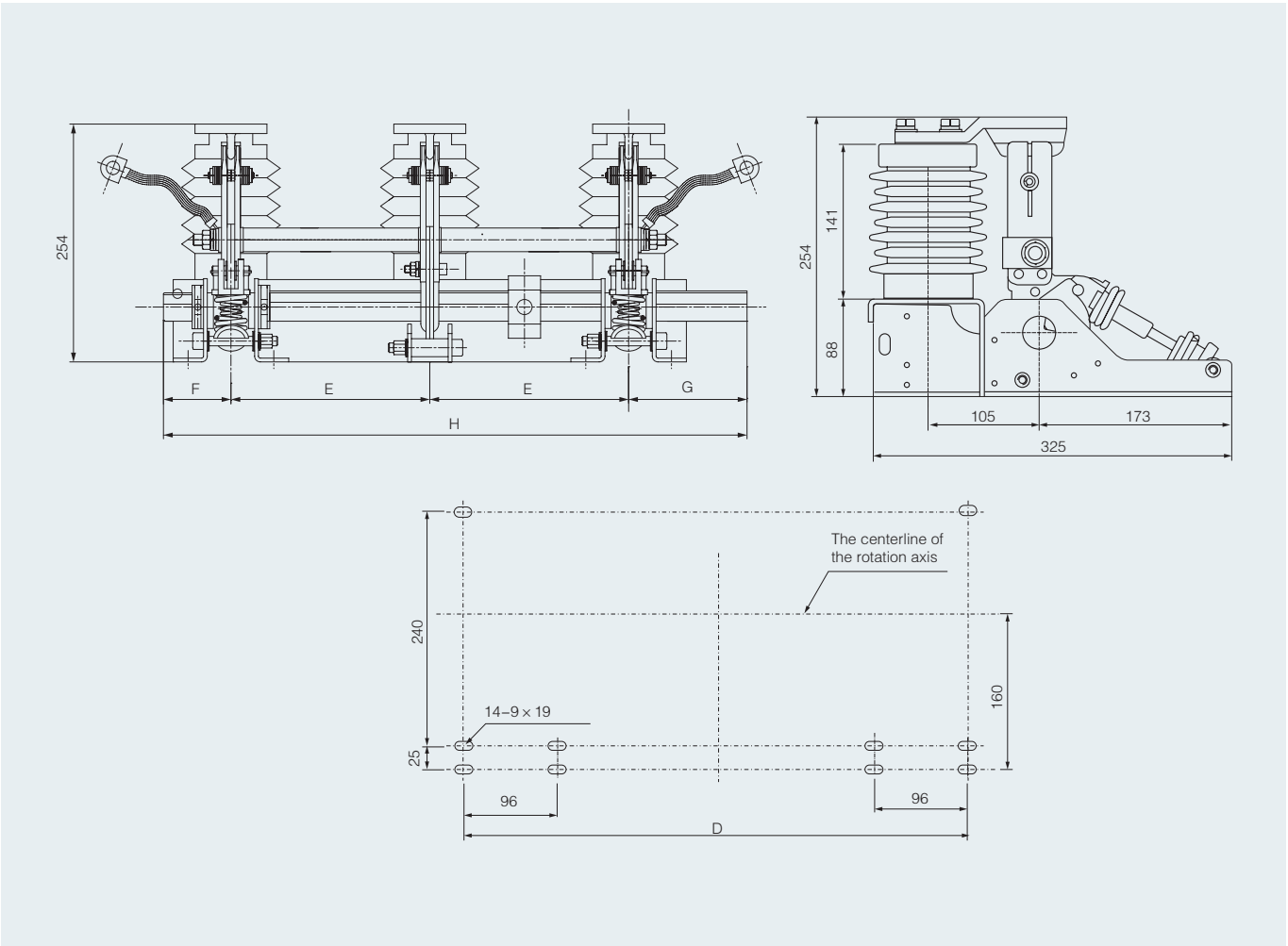
Copper bar terminal diagram



JN15-12

Indoor high voltage ground switch

Dimensions and mounting dimensions (mm)



Model	E	F	G	H	D
JN15-12/31.5-150	150	75	165	535	396
JN15-12/31.5-165	165	75	160	565	426
JN15-12/31.5-210	210	75	160	655	516
JN15-12/31.5-250	250	75	160	735	596
JN15-12/31.5-275	275	75	185	810	646