

GN30-12(D) series Indoor HV disconnecting switches is a new type of touch rotating knife isolator , which special designed for XGN2-12 HV switchgear, with rated voltage 12kV and three phase AC 50Hz indoor device. It's mainly used for making and breaking circuit under with voltage and no load.

Its main structure in three-phase chassis of the upper and lower two plane, fixed two set of insulator and contact, by rotating contactor, so as to realize switching on & off.

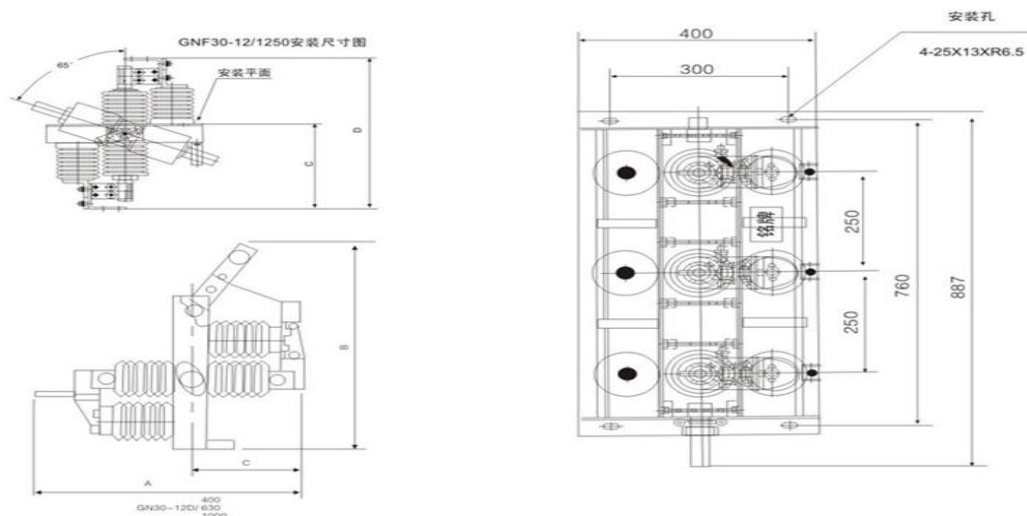
Environment condition

- Ambient temperature: max. +40°C min. -25°C
- Altitude: ≤1000m
- Wind pressure: ≤700Pa (equals to wind speed 34m/s)
- Relative humidity: daily average ≤95%, monthly average ≤90%
- Earthquake intensity: ≤8 degree
- No corrosive, explosive or flammable gas ,no violent vibration

Technical Data

Model		GN30-12/ 400-12.5	GN30-12/ 630-20	GN30-12/ 1000-31.5	GN30-12/ 1250-31.5	GN30-12/ (1600-3150)-40
		GN30-12D/ 400-12.5	GN30-12D/ 630-20	GN30-12D/ 1000-31.5	GN30-12D/ 1250-31.5	GN30-12D/ (1600-3150)-40
Rated voltage (kV)		12				
Rated current (A)		400	630	1000	1250	1600-3150
Rated short-time withstand current (kA)		12.5	20	31.5		40
Rated short-circuit duration (s)		4				
Rated peak withstand current (kA)		31.5	50	80		100
Rated insulating level	1min. PF withstand voltage (kV)	phase to phase/ to earth: 42, across open contacts: 49				
	Lightning impulse withstand voltage (kV)	phase to phase/ to earth: 75, across open contacts: 85				

Outline Dimension



GN30-12						GN30-12D								
400A, 630A		1000A		1250A		400A, 630A			1000A			1250A		
A	C	A	C	A	C	A	B	C	A	B	C	A	B	C
~560	~315	~580	~332	~580	~295	~550	~610	~240	~575	~615	~245	~580	~600	~295

