1.Overview

GN19-12 (C) series indoor high-voltage isolation relationship high-voltage switchgear is used in power systems with a rated voltage of 12kV, 50Hz and below. It is equipped with CS6-1 manual operating mechanism and is used for opening and closing circuits under voltage and no load conditions. It also has derivative products such as anti fouling type, high-altitude type, and equipped with live display devices.

2.Environmental conditions for use

a. Altitude not exceeding 1000 meters;

b. Surrounding air temperature: upper limit+40 ℃, lower limit -30 ℃;

c. Relative temperature not exceeding 90% (+20 ℃);

d. Earthquake intensity not exceeding 8°;

e. No fire, explosion hazard, serious pollution, chemical corrosion, or severe vibration in the area.

3.Main Technical Data

Indoor high-voltage isolation switch model	Rated Voltage (kV)	Maximum Voltage (kV)	Rated Current (A)	4S thermal rated current (A)	Dynamic rated current (kA)
GN19-12/400-12.5	12	12.5	400	12.5	1.5
GN19-12/630-20	12	12.5	630	20	50
GN19-12/1000-31.5	12	12.5	1000	31.5	80
GN19-12/1250-40	12	12.5	1250	40	100
GN19-12C/400-12.5	12	12.5	400	12.5	31.5
GN19-12 C/630-20	12	12.5	630	20	50
GN19-12C/1000-31.5	12	12.5	1000	31.5	80
GN19-12C/1250-40	12	12.5	1250	40	100

Model Description:

a-GN19-12 is a flat type　　b-GN19-12C is a through wall type

Where: C1 rotates at the side of wall　C2-break at the wall-through side　C3 - both sides are through-wall sides

Derived Product Type Description:

Anti-pollution type GN19-12W ©　　Plateau type: GN19-12G (C) with live display device GN19-12X (C)

GN19-12 (C) Indoor High Voltage Isolation Switch **User Manual**

4.Outline and installation dimensions

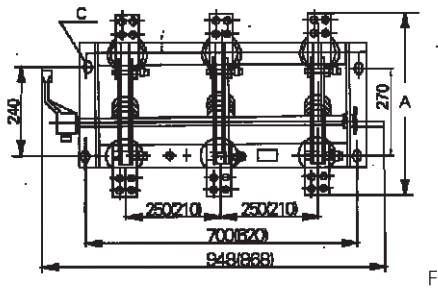


Fig. 1 GN19-12 Series

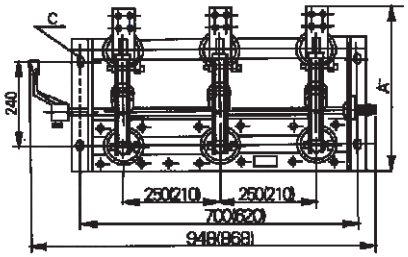
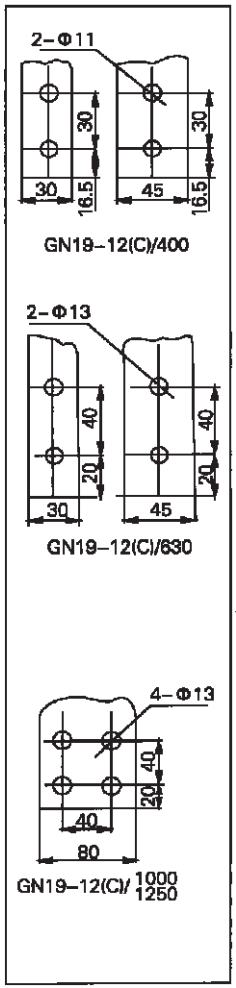


Fig. 2 GN19-12C Series

Product model	A	B	C
GN19-12/400	450	436	4-14 x24
GN19-12/630	490	436	4-14 x 24
GN19-12/1000	510	530	4-18 x28
GN19-12/1250	510	530	4-18 x28
GN19-12C/400	420	625	4-18 x24
GN19-12C/630	460	625	4-18 x24
GN19-12C/1000	505	745	4-18x28
GN19-12C/1250	505	745	4-18 x28



5.Instructions for Ordering

a - When ordering this switch, please indicate: product model, rated voltage, rated current, operating mechanism model and installation method

b - Disconnectors are supplied with the operating mechanism or separately.