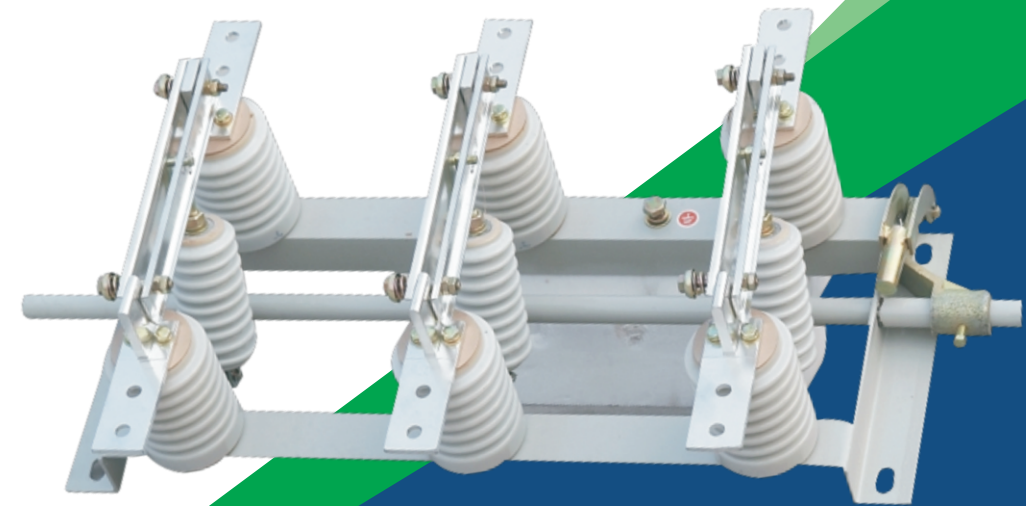




GN19-12

Indoor high-voltage disconnect switch
Product Instruction Manual



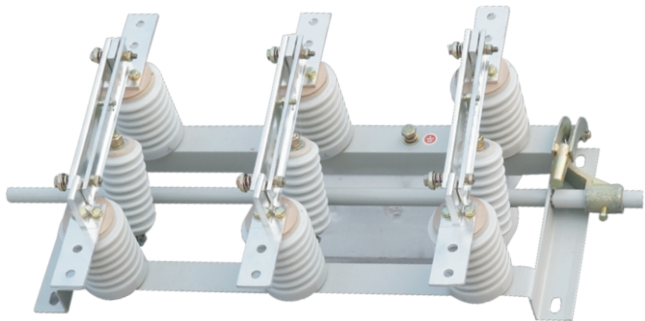
Zhejiang Aikai Electric Co., Ltd.

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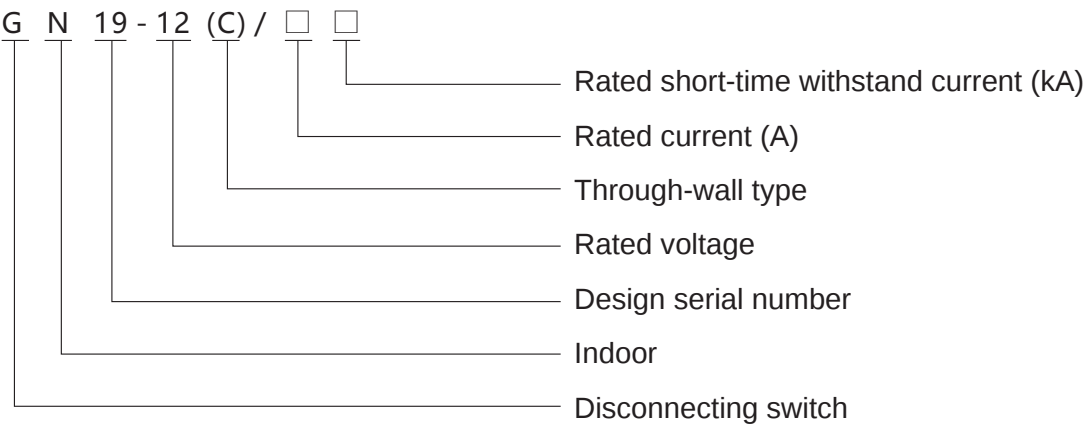
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I. Product Overview

The GN19-12(C) series indoor high-voltage disconnecting switchgear is used in power systems with a rated voltage of 12kV/50Hz and below. It is equipped with a CS6-I type manual operating mechanism for opening and closing circuits when there is voltage but no load. There are also derivative products such as anti-pollution type, high-altitude type , and type with added live display device.



II. Model Number Meaning



III. Environmental Conditions for Use

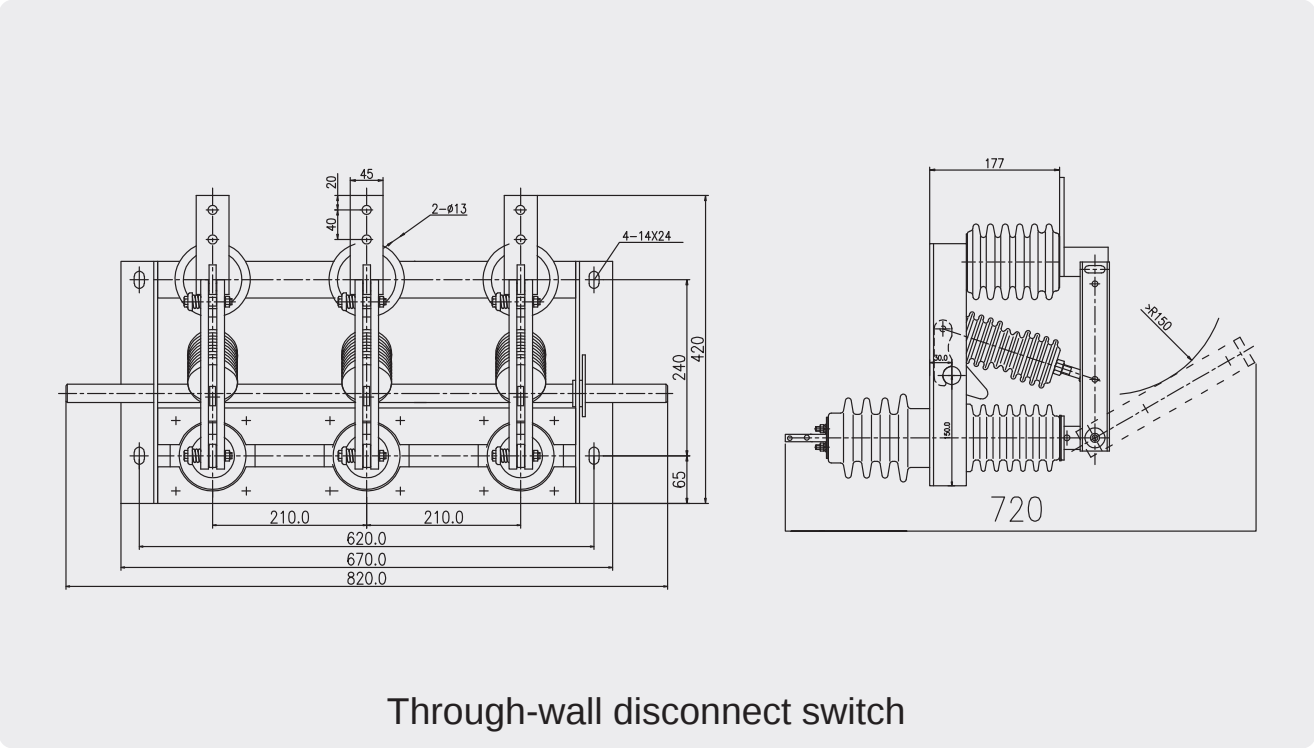
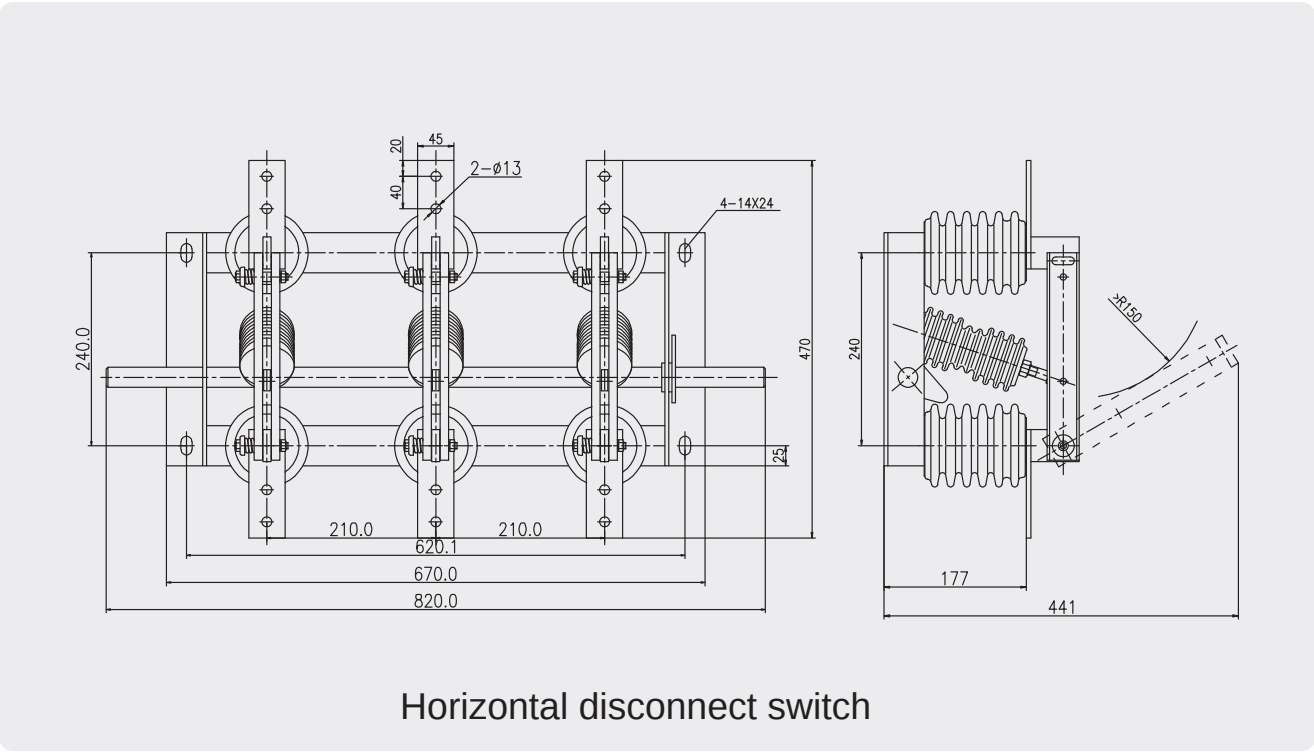
- 1. Altitude not exceeding 1000 meters;
- 2.Ambient air temperature: upper limit +40°C, lower limit -30°C;
- 3.Relative humidity not exceeding 90% (+20°C);
- 4.Seismic intensity not exceeding 8 degrees;
- 5.No fire, explosion hazards, severe pollution, chemical corrosion, or violent vibration.

IV. Technical Data

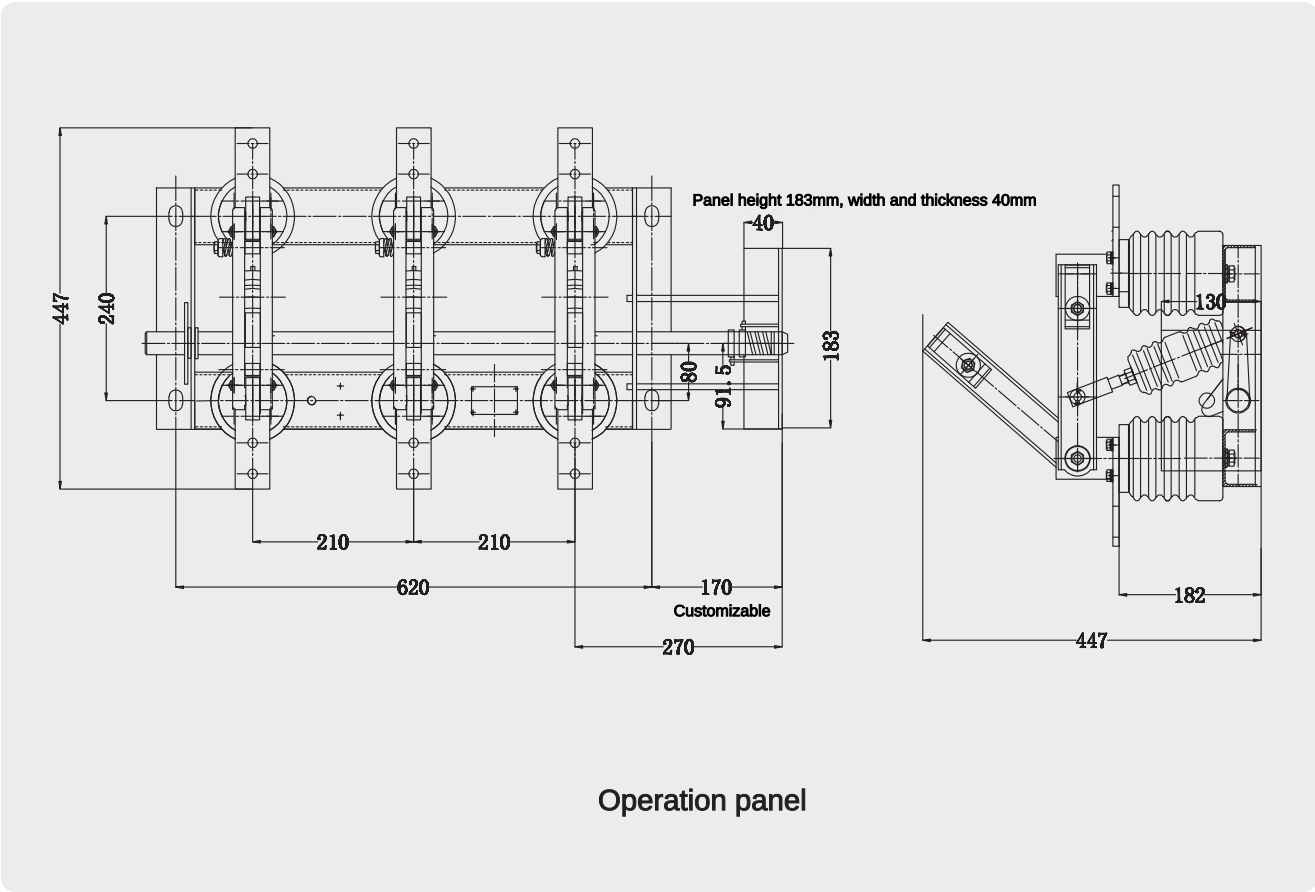
Model Name	Rated voltage (kV)	Maximum voltage (kV)	Rated current (kV)	4-second thermal stability. Current (kA)	Dynamic stability current (kA)
GN19-12/400-12.5	12	12.5	400	12.5	31. 5
GN19-12/630-20	12	12.5	630	20	50
GN19-12/1000-31.5	12	12.5	1000	31.5	80
GN19-12/1250-40	12	12.5	1250	40	100
GN19-12C/400-12.5	12	12.5	400	12.5	31. 5
GN19-12C/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:
 - 1.GN19-12Paperback
 - 2.GN19-12CThrough-wall type
 - Where: C1 - Rotation on the wall-penetrating side
 - C2 - Break on the wall-penetrating side
 - C3 - Both sides are wall-penetrating sides
- Production type:
 - 1.The anti-fouling type is GN19-12W(C)
 - 2.The high-altitude type is GN19-12G(C).
 - Add a live indicator device GN19-12X(C)

V. External Shape and Installation Dimensions



V. External Shape and Installation Dimensions



VI. Ordering Instructions

- 1. When ordering this switch, please specify: product model, rated voltage, rated current, operating mechanism model, and installation method.
- 2. The isolating switch can be supplied as part of the operating mechanism or separately.