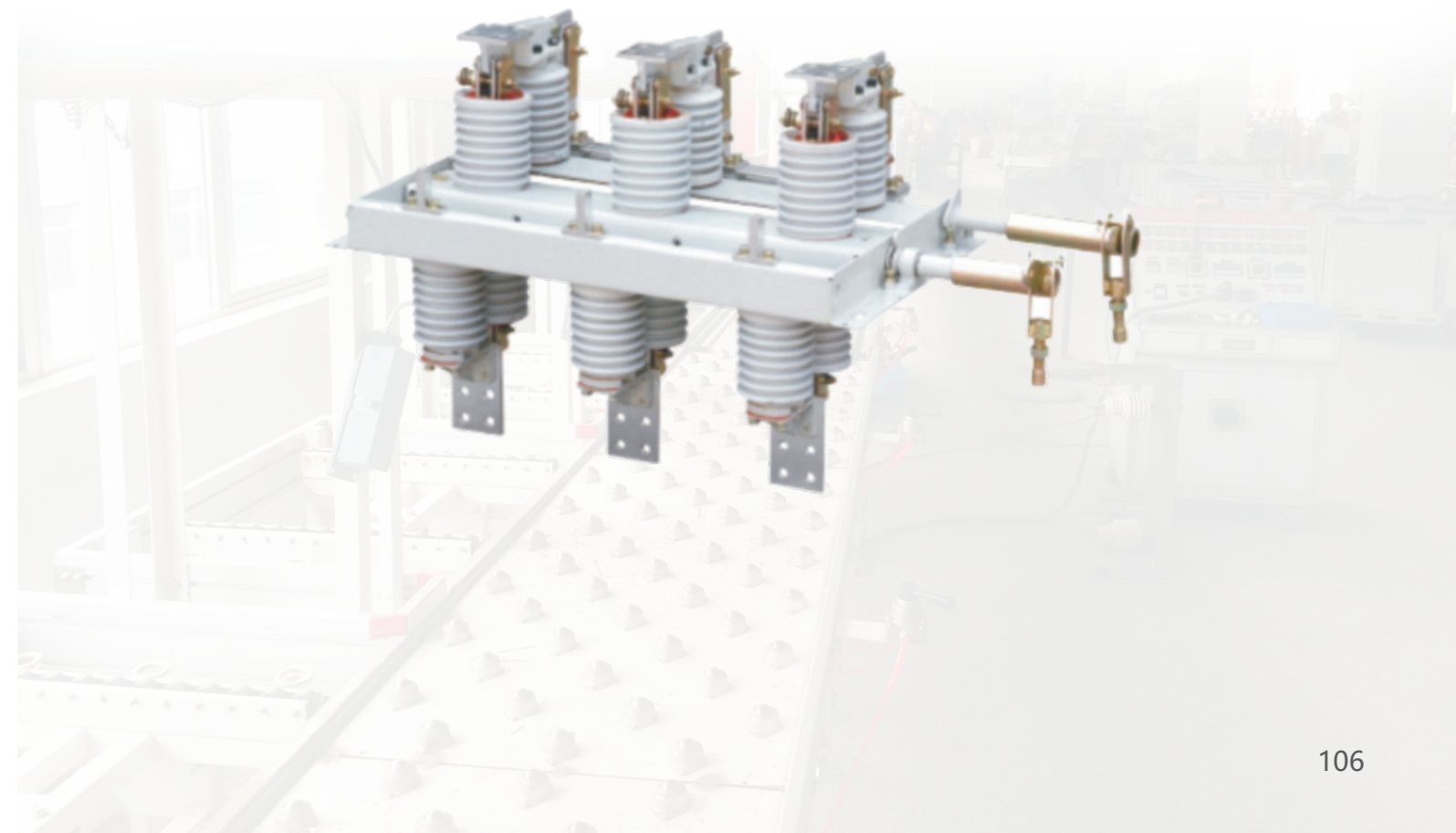


## MV Isolation Switch

### **GN30-12** Indoor Isolation Switch

- GN30-12 (D) rotary indoor MV isolating switch is a new type isolation switch of rotary knife type, the main structure is fixed two groups of insulator and contact on the two plane of three-phase chassis, through the rotary contact, realize the switch on-off.
- GN30-12 (D) switch is a new type added grounding knife on the GN30-12 type switch basis, which can meet the needs of different power systems.
- The product design is with compact, small occupied space, strong insulating ability, easy installation and adjustment, its performance meets the GB1985-89 "AC high voltage isolating switch and the grounding switch" requirements, applicable to the rated voltage 10kV AC 50Hz and below indoor power system, to open and close the circuit when voltaged, no load. It can be used with the high voltage switch cabinet, and also can be used separately.

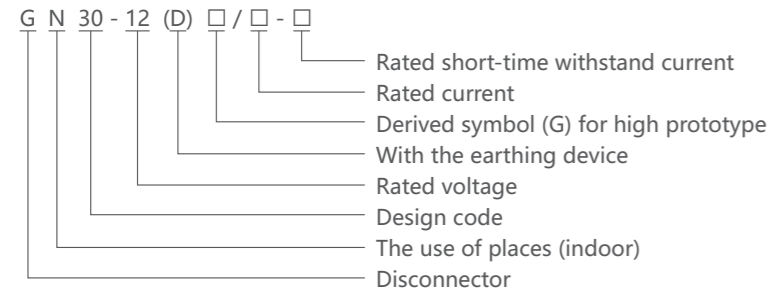
**General**



# MV Isolation Switch

## GN30-12 Indoor Isolation Switch

### Selection



### Operating conditions

1. The altitude does not exceed 1000m;
2. Ambient air temperature: -10 °C ~+40 °C;
3. Relative humidity: daily average value is not greater than 95%, monthly average value is not greater than 90%;
4. Contamination grades: no serious dust, corrosive and explosive material place;
5. Earthquake intensity: do not exceed 8 degree; No regular violent vibration place.



### Technical data

Parameter Item	Product specifications				
	GN30-12/ 400-12.5	GN30-12/ 630-12.5	GN30-12/ 1000-12.5	GN30-12/ 1250-12.5	GN30-12/ 1600-12.5
GN30-12D/ 400-12.5	GN30-12D/ 630-12.5	GN30-12D/ 1000-12.5	GN30-12D/ 1250-12.5	GN30-12D/ 1600-12.5	GN30-12D/ 1600-12.5

#### Voltage, current parameters

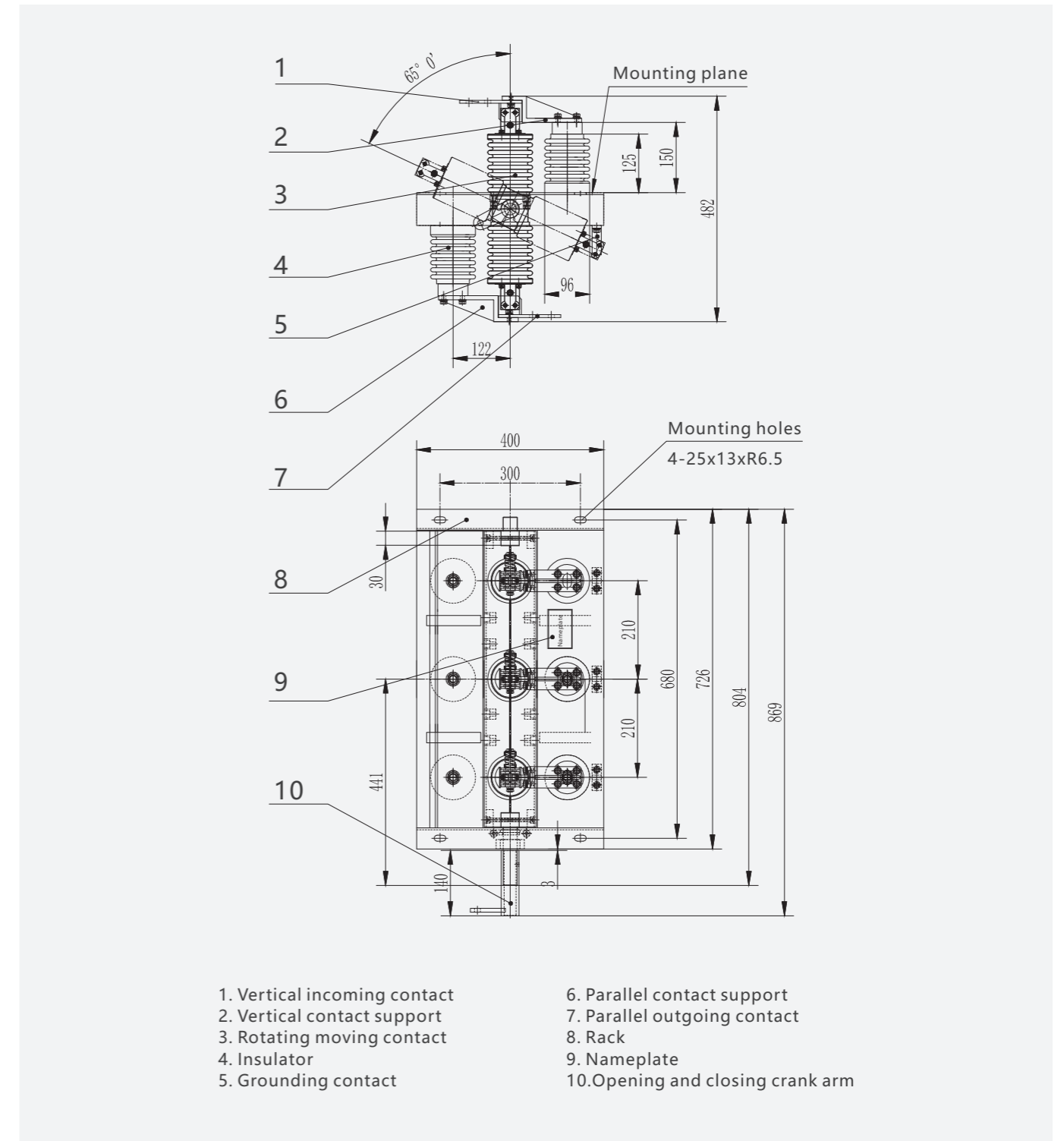
Rated voltage (kV)			12		
Rated current (A)	400	630	1000	1250	1600~3150
Rated short-time withstand current (kA)	12.5	20	31.5	31.5	40
Rated short-time duration (S)	4	4	4	4	4
Rated peak withstand current (KA)	31.5	50	80	80	100

Rated insulation level	1 min power frequency withstand voltage (KV)	Between pole, pole to earth 42 fracture 48
	Lightning impulse voltage (kV)	Between pole, pole to earth 75 fracture 85

# MV Isolation Switch

## GN30-12 Indoor Isolation Switch

### Overall and mounting dimensions(mm)



#### Notes

Outline and installation dimensions of isolation switches on a distance of 210mm The incoming and outgoing line methods are: parallel incoming line and parallel outgoing line: