

RDG8 series isolation switch



High quality materials for safe electricity use

High quality flame-retardant shell, high strength, high temperature resistance, corrosion resistance.



Small and exquisite frame for easy installation

Small size, large current, save more installation space.



Simple operation and high efficiency

Handle operation, smooth opening and closing, no need to open the cover can be connected.



Applied to a variety of scenarios

It can be used in photovoltaic and grid box, industrial distribution, residential, shopping malls and other scenes.

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Product overview

RDG8 isolation switch (hereinafter referred to as the isolation switch), its rated operating frequency is 50Hz, rated operating voltage AC 400V, rated current to 125A, in the distribution equipment of industrial enterprises, used to switch on and break the rated current of the AC circuit or as an isolation switch.

The product meets the standard: GB/T14048.3.

Selection guide

RDG8	63	2
Product code	Conventional heating current(A)	Number of poles
Disconnecting switch	63 125	2 4

Normal working conditions and installation conditions

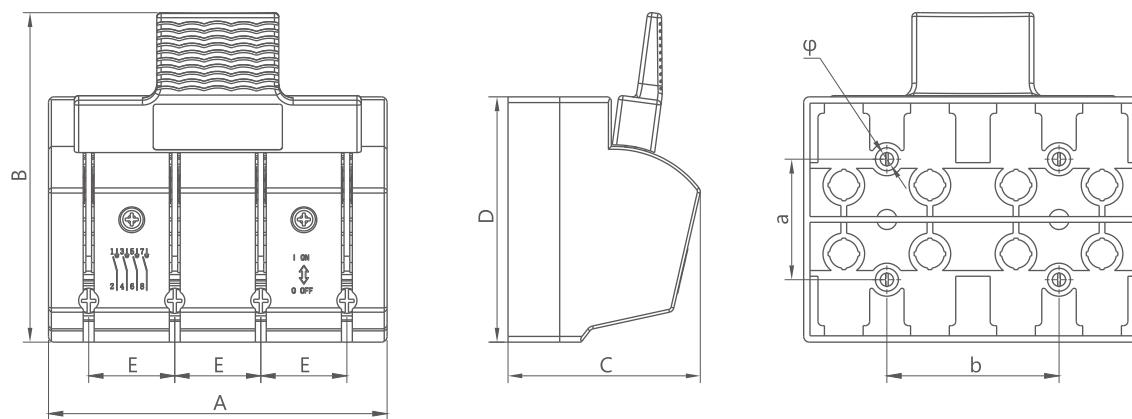
- Ambient air temperature: -5°C~+40°C, and the average value within 24 hours does not exceed +35°C;
- The altitude of the installation site: No more than 2000m;
- Atmospheric condition: The relative humidity of the atmosphere does not exceed 50% when the Ambient air temperature is +40°C, and the relative humidity can be higher at lower temperatures. For example, at 20°C, the relative humidity is 90%, and considering the condensation that occurs on the surface of the product due to temperature changes, special measures should be taken to eliminate it;
- Level of pollution: 3 class;
- Installation category: III, IV category;
- Installation condition: It should be installed vertically in a place where there is no significant shaking, shock vibration and rain and snow attack, and the installation site should be free from explosive dangerous media, and there is no gas and dust in the media that can corrode metal and destroy insulation.

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Main technical parameters

Conventional heating current(A)	Rated insulation voltage(V)	Rated impulse withstand voltage(kV)	Rated operating voltage(V)	Category of use	Rated operating current (A)		Rated short-time withstand current Lcw(kA/s)	Mechanical life(times)
					2-220V/3、4-400V	3、4-690V		
63	800	8	AC:220/400/690	AC-22A	63	50	1.5	10000
125					125	80	2	

Outline dimension



Type specification	A	B	C	D	E	a	b	φ
RDG8-63、125/2	58	115	67	85.5	30	42	-	4.5
RDG8-63、125/4	118	115	67	85.5	30	42	60	4.5

Order instructions

The ordering unit must indicate the Type specification, current level, number of poles, mode of operation and quantity of the switch, and please contact the relevant technical department of our company for special orders.

For example: RDG8-63/463A 20units.