

DELIXI
ELECTRIC

DZ47G isolation switch
Instruction manual



Please read the instructions carefully
before installing and using the product
And keep properly, reserve

Safety notification

Before installation, operation, operation, maintenance, and inspection, please read this manual carefully, and install and use this product accurately according to the content in the manual.

Danger:

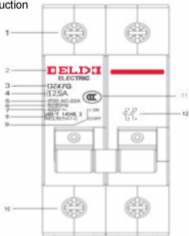
- It is strictly forbidden to operate the isolation switch with wet hands; In use, do not touch the conductive part;
- Maintenance and maintenance, must ensure that the product is not live;
- It is strictly prohibited to test the product by short circuit;

Notice

- Installation, maintenance and maintenance should be operated by professionally qualified personnel;
- The characteristics of the product have been set before the factory, and can not be disassembled or assembled by itself in useMeaning regulation;
- The product can not be used alone, in use must be used with the same rated current fuse or circuit breaker;
- Please confirm the rated voltage, rated current, frequency and characteristics of the product before use
Meet job requirements;
- In order to prevent short circuit between phases, the exposed wire or copper bus should be insulated
Deal with;
- If the product is damaged or abnormal sound when unpacking, stop using immediately and contact the supplier;
- When the product is scrapped, please do a good job of product waste treatment, thank you for your cooperation.

Understand the DZ47G isolation switch

Panel introduction



Instructions:

1 Power end 2 Company trademark 3 Product model 4 rated current: a, 20 a, 32 a, 40 a, 63 a, 80 a, 100 a, 125 a 5 protection level and frequency of use category 6 Frequency 7 Rated voltage: 230V~(1P)/400V ~ 8 meets the standard 9. Close and disconnect indicator 10 Load end 11 Certification mark 12 Wiring diagram

Normal conditions of use, installation and transport

Normal use, installation conditions

- (1) The upper limit of ambient air temperature does not exceed $+60^{\circ}\text{C}$, the lower limit is not less than -20°C , and the average temperature within 24 hours does not exceed $+35^{\circ}\text{C}$;
- (2) The elevation of the installation site does not exceed 2000m;
- (3) When the temperature is $+40$, the relative humidity of the air does not exceed 50%; At a lower level

The temperature allows a large relative humidity, for example, at +20℃, the relative humidity is 90%,and takes into account the condensation on the product due to temperature changes;

(4) Installed in a medium without explosion risk, and there is no gas and dust sufficient to corrode metal and destroy insulation in the medium;

(5) Installed in a place without significant impact vibration and without rain and snow attack;

(6) Pollution level: Level 2;

(7) Installation category:Class I, Class I;

(8) Should be installed in the distribution box, distribution cabinet or box;

(9) Use category: AC-22A.

(10) The product allows reverse wiring.

● Norma storage and transportation conditions

(1) The lower limit of temperature is not less than -40℃, and the upper limit is not more than +70℃;

(2) The relative humidity (25℃) does not exceed 95%;

(3) The product should be handled lightly during transportation should not be put upside down, and should try to avoid violent collisions.

Technical characteristics

● Categories

According to the number of poles: unipolar, two, three, four poles.

● Main technical parameters are shown in Table 1

Table 1 Main technical parameters

Shell and frame grade Maximum rated current A	Rated current Ic A	Poles	Rated Voltage V T	Rated short-time withstand current Ics A	Rated insulation voltage UI	Rated impulse withstand voltage Uimp
125	20	2、3、4		15Ic 1s	500V	6kV
	25					
	32					
	40					
	63					
	80					
	125					

Outline and mounting dimensions

The isolation switch is mounted on a guide rail, and its outline and installation dimensions are shown in Figure 1. Unit:mm

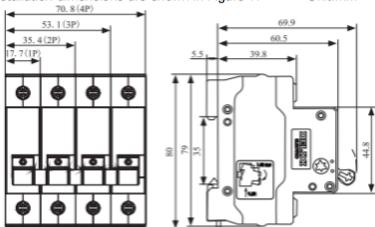


Figure1 Outline and mounting dimensions

Installation, use and maintenance

● Before installation of isolation switch:

- (1) Use with circuit breakers or fuses;
- (2) Check whether the technical parameters on the pad printing mark meet the requirements of use;
- (3) The isolation switch is closed and divided into several times to check whether the operating mechanism is stuck and whether the mechanism is reliable.

● Isolation switch installation should:

- (1) The cross-sectional area of the connection wire should be adapted to the rated current of the isolation switch,

See Table 2 for details:

Table 2 Rated current and cross-sectional area of connecting wires

Rated current A	20	25	32	40	63	80	100	125
Conductor cross-sectional area mm ²	2.5	4	6	10	16	25	35	50
Minimum length of connecting wire m	1	1	1	1	1	1	1	2
Cable tightening torque N.m	Both the power and load ends are 2.0					Both the power and load ends are 3.5		

(2) This series of isolation switch adopts TH35-7.5 steel mounting guide rail.

Maintenance and maintenance:

- (1) Maintenance and maintenance must be operated by professionally qualified personnel;
- (2) Must ensure that the product is not charged;
- (3) Maintain and maintain once a year under normal operating conditions, and the maintenance contents are shown in Table 3.

Table 3 Maintenance and maintenance

Item	Content
Appearance	No dust, no condensation, if necessary to clean No damage The shell and connecting terminals do not change color
Terminal connection	Tighten according to torque in Table 2, and do not loosen
Handle closing/opening operation	Operation should be flexible

Unpacking inspection

After opening the box, the user must check whether the product is intact, whether the exposed metal parts are rusty, whether the product is defective due to poor transportation and storage, if the above phenomenon, the product can not be used, please contact the supplier in time to solve.

Corporate commitment

Under the premise that the user complies with the use and storage conditions and the product seal is intact, the company is responsible for free repair or replacement if the product is damaged or cannot be used normally due to manufacturing quality problems within thirty-six months from the date of production. If the warranty period is exceeded, repair shall be paid. However, if the damage is caused by the following circumstances, paid repair will be made even within the warranty period:

- (1) Improper use, maintenance or storage;
- (2) Self-modification or improper maintenance;
- (3) Damaged due to fall and installation after purchase;
- (4) Earthquake, fire, lightning strike, abnormal voltage and secondary disasters and other force majeure.

If you have any questions, please contact the distributor or our customer service department.
Customer service hotline: 400-826-8008

Order instructions

Users need to specify when ordering:

- a) Name, model and specification of the isolation switch;
- b) Rated current and number of poles of the isolation switch;
- c) Quantity.

Example: Set DZ47G three-pole isolation switch, rated current 32A, quantity 1000 Sets

It should be written as: DZ47G/3P,32A,1000 sets.

Disconnecting
switch

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Certificate of conformity

DELIXI ELECTRIC LTD

Name: Disconnecting switch

Model : DZ47G

This product is allowed
to leave factory after
passing inspection.
Executive standard GB/T14048.3

Inspector : 检 02

Factory date: See inner box label

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