

AX-1
Auxiliary Contact

User Instruction

Safety Warning

- ① This product is strictly prohibited from being installed in an environment where there are flammable or explosive gases or moisture or condensation. It is strictly prohibited to operate the product with wet hands.
- ② It is strictly prohibited to touch the conductive parts of the product when it is in operation.
- ③ Be sure to de-energize the line when installing and repairing the product.
- ④ The product must be wired and installed by qualified personnel and be checked regularly.
- ⑤ It is strictly prohibited for children to play with the product or packaging materials.
- ⑥ Prevent foreign objects from falling into the products.
- ⑦ Do not install the product in places where gaseous media can corrode metals and damage insulation.
- ⑧ When the product is installed and used, the wiring screws should be tightened, the wires should be not easy to loosen or pull out and should be selected in strict accordance with the requirements, and the power supply and load should comply with the requirements.
- ⑨ The product cannot protect people from electric shock or against power imbalances.
- ⑩ The total number of circuit breaker assembly accessories should not exceed 3.

1 Purpose of Use

The AX-1 auxiliary contact is mainly used in a line with a rated voltage of up to AC 415 V or up to DC 125 V, and can be assembled with the DZ158 and CB circuit breakers as a signal indication of making and breaking for a long-distance circuit breaker.

The auxiliary contact is an accessory product that is assembled on the left side of the circuit breaker for use.

2 Key Technical Parameters

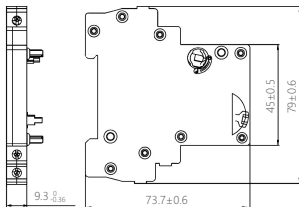
Table 1 Key Technical Parameters

No.	Technical Parameter	Parameter value
1	Rated working current at different rated voltages	AC: $U_e=415V$ $I_n=3A$
		DC: $U_e=125V$ $I_n=1A$
2	Rated insulation voltage	500V
3	Enclosure protection level	IP20
4	Use type	AC-12, DC-12

3 Installation

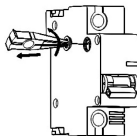
1. Outline and installation dimensions

Unit:mm

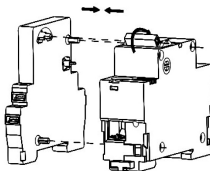


2. Assembly

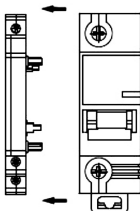
- ① Remove the left cover of the circuit breaker



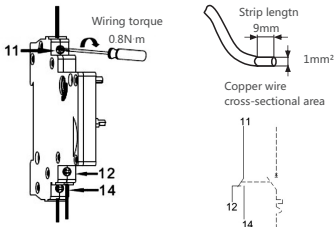
- ②



3. Disassembly



4. Wiring: copper wires only



4 Maintenance

The auxiliary contact and the associated circuit breaker should be checked regularly during operation;

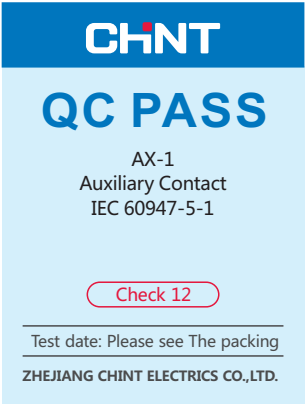
After the associated circuit breaker cuts off the overload or short-circuit current, the fault should be eliminated before closing.

Table 2 Analysis and Troubleshooting of Common Faults

Symptoms	Cause analysis	Troubleshooting method
The handle cannot close the circuit breaker	The operating mechanism fails	Replace the product
	Not completely assembled with the circuit breaker	Reassemble
	Circuit breaker circuit fault	Troubleshoot
No power supply	Too short wire stripping	Re-strip
	The wiring screws do not compress the wires tightly, or are loose.	Tighten the wiring screws

5 Environmental Protection

In order to protect the environment, the product or product parts should be disposed of according to the industrial waste treatment process, or be sent to the recycling station for assortment, dismantling and recycling.

The image shows a rectangular label with a blue header and a light blue body. The header contains the CHINT logo in white. The body contains the text 'QC PASS' in large blue letters, followed by 'AX-1 Auxiliary Contact IEC 60947-5-1' in black. Below this is a red rounded rectangle containing the text 'Check 12'. At the bottom, there is a line for 'Test date: Please see The packing' and the company name 'ZHEJIANG CHINT ELECTRICS CO.,LTD.' in bold black letters.

CHINT

QC PASS

AX-1
Auxiliary Contact
IEC 60947-5-1

Check 12

Test date: Please see The packing

ZHEJIANG CHINT ELECTRICS CO.,LTD.

CHNT

CHINT ELECTRICS

AX-1

Auxiliary Contact

User Instruction

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