

AL-X1 Alarm auxiliary contact

1. Compliant standards

IEC60947-5

2. Compliant certification

CE, RoHS

3. Major function

To achieve signal indication over long distance for open/close status of the circuit breaker and alarm.

4. Technical data

Table 1

Utilization category	Rated operating voltage V	Rated operating current A
AC-12	AC 415	3
	AC 240	6
DC-12	DC 130	1
	DC 48	2
	DC 24	6

Action characteristics: Figure 1 shows the wiring diagram for auxiliary contact.When the auxiliary contact is open, terminals 91 and 94 are connected;When the auxiliary contact is closed, terminals 91 and 92 are connected.When the alarm auxiliary contact is closed, and manually opened with the handle, terminals 91 and 92 shall still be connected; when the alarm auxiliary contact is closed, and the assembled circuit trip is open due to error, terminals 91 and 92 shall be open, and terminals 91 and 94 shall be connected;

Life: Operating life of alarm auxiliary contact is ≥ 10000 cycles.

Weight(kg): 0.03.

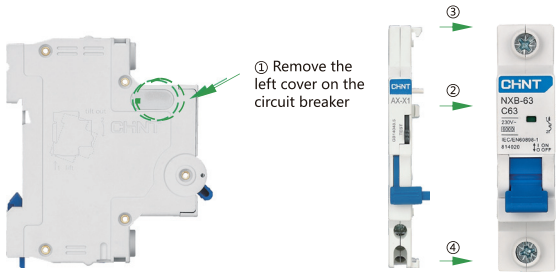
Figure 1



5. Assembly and installation of the product

Can be assembled with NXB-63, NXB-40 series circuit breakers, with assembly diagram shown below:

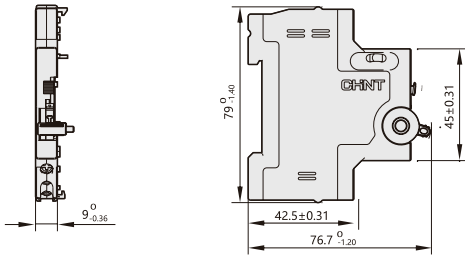
Figure 2



After AL-X1 is assembled with the circuit breaker, mount them on the TH3.5-7.5 steel mounting rail.

6. Dimensions and installation sizes

Figure 3



Accessories for NXB-40, NXB-63, NXB-80, NXBLE-32, NXBLE-40, NXBLE-63

Function	Description	Code
Auxiliary contacts	AX-X1	814991
Alarm auxiliary contacts	AL-X1	814990
Shunt release AC24V/48V,DC24V/48V	SHT-X1 AC24V/48V,DC24V/48V	814988
Shunt release AC230V/400V	SHT-X1 AC230V/400V	814989
Over voltage release	OVT-X1	814986
Under voltage release	UVT-X1	814987
Over/under voltage release	OUVT-X1	814985
Mechanical Interlock	LMI-XB	391935

Accessories for NXB-125

Function	Description	Code
Auxiliary contacts	AX-X3	816991
Alarm auxiliary contacts	AL-X3	816990
Shunt release AC24V/48V,DC24V/48V	SHT-X3 AC24V/48V,DC24V/48V	816988
Shunt release AC230V/400V	SHT-X3 AC230V/400V	816989
Over voltage release	OVT-X3	816986
Under voltage release	UVT-X3	816987
Over/under voltage release	OUVT-X3	816985
Motor-driven Mechanism (NXB-125 1P)	MOD-1	392452
Mechanical Interlock	LMI-12	391932

Accessories for NXL-63

Function	Description	Code
Auxiliary contacts	AX-5	200998