



OUVT-X1 Over/under Voltage Release

1. Major function

To be assembled with circuit breaker to achieve over/under voltage protection.

2. Technical data

Rated operation voltage U_e : AC 240V, 50Hz;

Overvoltage operation setting value U_{vo} : 280V;

Rated insulation voltage U_i : 500V;

Tripping characteristics: the release is assembled with NXB-63 series circuit breaker. When the applied voltage is reduced to 35% U_e or increased to 95% ~ 105% of the over-voltage setting value, the release should drive the circuit breaker to act. When the applied voltage is below 35% U_e or above 105% of the over-voltage setting value, the release should be able to prevent the circuit breaker from closing. When the supply voltage is above 85% U_e and below 95% of over-voltage setting value, the circuit breaker should be able to close normally. The upper limit of the applied voltage should be less than 110% over-voltage operation setting value.

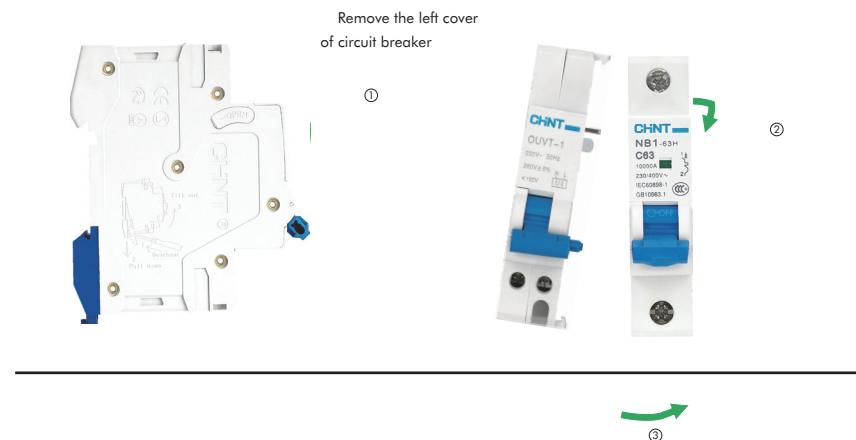
Mechanical and electrical life: the mechanical and electrical life after the release is assembled with the circuit breaker should be ≥ 4000 cycles, of which, 500 cycles for over-voltage trip and under-voltage trip each, and 3000 cycles for the open/close of the circuit breaker.

Weight(kg): 0.05.

3. Assembly and installation of the product

OUVT-1 can be assembled with NB1-63 series circuit breaker, with the assembly diagram shown below:

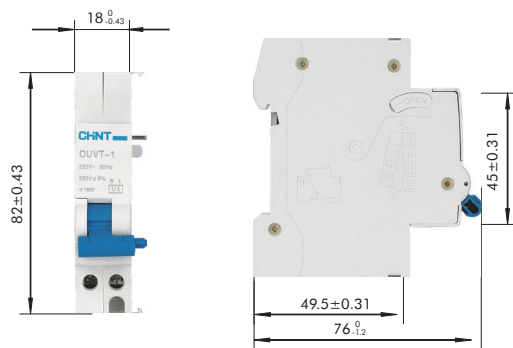
Figure 1



After OUVT-1 is assembled with the circuit breaker, mount them on the TH3.5-7.5 steel mounting rail.

4. Dimensions and installation sizes

Figure 2



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