



## OUVT-X1 Over/under voltage release

### 1. Major function

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

### 2. Parameters and performance

Rated operation voltage  $U_e$ : AC 240V, 50Hz;  
 Overvoltage operation setting value  $U_{vo}$ : 280V;  
 Rated insulation voltage  $U_i$ : 500V;

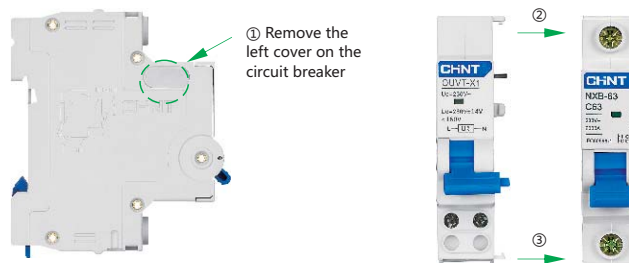
Tripping characteristics: the release is assembled with NXB-63 series circuit breaker. When the applied voltage is reduced to 35% $U_e$  or increased to 95% ~ 105% of the over-voltage setting value, the release should drive the circuit breaker to act. When the applied voltage is below 35% $U_e$  or above 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  $\geq 4000$  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.

### 3. Assembly and installation of the product

OUVT-X1 can be assembled with NXB-63 or NXB-40 series circuit breaker, with the assembly diagram shown below:

Figure 1



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

#### 4. Dimensions and installation sizes

Figure 2

