

## OVT-X3 Overvoltage release

### 1. Major function

To be assembled with the circuit breaker to achieve overvoltage protection.

### 2. Parameters and performance

Rated operation voltage  $U_e$ : AC 240V 50Hz (or 60Hz).

Rated insulation voltage  $U_i$ : 500V.

Overvoltage setting value  $U_{vo}$ : 280V.

Release action characteristics: when the main circuit voltage is in the range of (85% ~ 110%)  $U_e$ , the release shall be able to keep the circuit breaker to work reliably for long term.

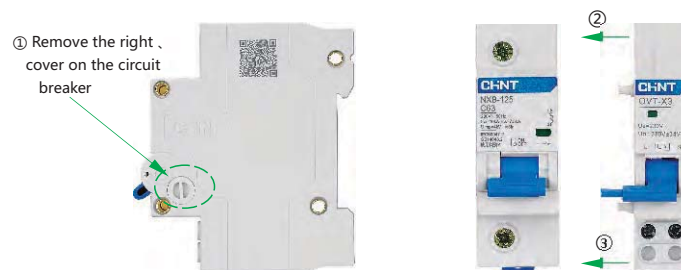
When the main circuit voltage is increased to 280 (1 ± 5%) V, the release assembled with NXB-125series circuit breaker should act and trip open NXB-125 circuit breaker.

Mechanical and electrical life: the mechanical and electrical life of release is ≥ 4000 operation cycles.

### 3. Assembly and installation of the product

OVT-X3 can be assembled with NXB-125 series circuit breaker, with the assembly diagram shown below:

Figure 2



After the release is assembled with the circuit breaker, mount them on TH35-7.5 steel mounting rail.

### 4. Dimensions and installation sizes

Figure 3

