



OVT-X1 Overvoltage release

1. Major function

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

2. Technical data

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

Rated insulation voltage U_i : 500V.

Overvoltage setting value U_{vo} : 280V.

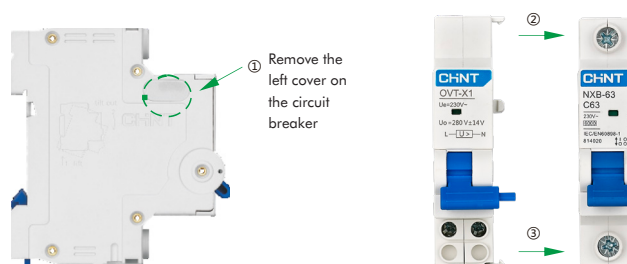
Release action characteristics: when the main circuit voltage is in the range of (85% ~ 110%) U_e , the release shall be able to keep the circuit breaker to work reliably for long term. When the main circuit voltage is increased to 280 ($1 \pm 5\%$) V, the release assembled with NXB-63 series circuit breaker should act and trip open NXB-63 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-X1 can be assembled with NXB-63 or NXB-40 series circuit breaker, with the assembly diagram shown below:

Figure 1



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

4. Dimensions and installation sizes

Figure 2

