



## UVT-X1 Undervoltage 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

Rated insulation voltage  $U_i$  500V

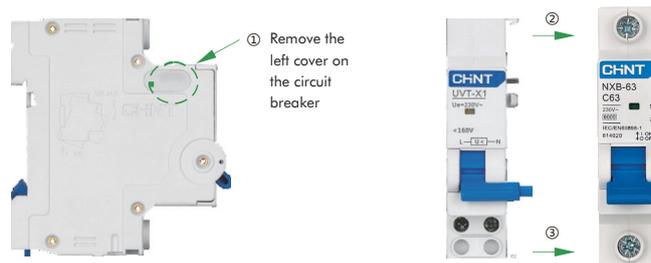
Action characteristics: when the applied voltage  $\leq 35\% U_e$ , the product should prevent circuit breaker from closing; when  $35\% U_e \leq$  applied voltage  $\leq 70\% U_e$ , the product should operate and drive the circuit breaker open; when the applied voltage  $\geq 85\% U_e$ , the product should be able to close. The applied voltage should not exceed  $110\% U_e$ .

Life: the operating life of the release is  $\geq 4000$  cycles.

### 3. Assembly and installation of the product

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

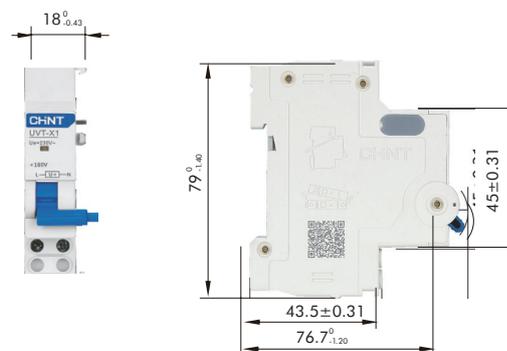
Figure 1



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



### 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