



## OVRT-X1 Overvoltage release

### vervoltage release

Main function: assembled with circuit breaker to achieve over-voltage protection

Rated operating voltage  $U_e$ : AC 230V, 50Hz;

Overvoltage action setting value  $U_o$ : 280 (1 ± 5%) V;

Undervoltage action setting value (35%~70%)  $U_e$ ;

Rated insulation voltage  $U_i$ : 500V;

Tripping characteristics: The trip unit is combined with the NXB-63 series circuit breaker. When the applied voltage is as low as 70%  $U_e$  or rises to the overvoltage setting value of 280 (1±5%), the trip unit should drive the open circuit. Action. When the applied voltage is lower than 35% of the rated working voltage of the trip unit or higher than 105% of the setting value of the overvoltage action, the trip unit should prevent the circuit breaker from closing when the power supply voltage is higher than 85% of the rated working voltage. And when it is lower than 95% of the overvoltage action setting value, the circuit breaker can be normally closed. The upper limit of the applied voltage should be less than 110% of the overvoltage setting. Mechanical durability: The mechanical durability of the trip unit is not less than 4000 operating cycles.

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## Specification

### 参数与性能

额定工作电压  $U_e$  : AC 230V , 50Hz ;

过电压动作整定值  $U_o$  : 280 ( 1±5% ) V ;

欠电压动作整定值 : ( 35% ~ 70% )  $U_e$  ;

额定绝缘电压  $U_i$  : 500V ;

脱扣特性：脱扣器与NXB-63系列断路器组合在一起，当外施电压低至70% $U_e$ 或上升至过电压动作整定值280 ( 1±5% ) 时，脱扣器应带动断路器动作。当外施电压低于脱扣器额定工作电压的35%或高于过电压动作整定值的105%时，脱扣器应能防止断路器合闸，当电源电压高于额定工作电压的85%且低于过电压动作整定值的95%时，断路器能正常合闸。外施电压的上限值应小于过电压动作整定值的110%。

机械耐久性：脱扣器的机械耐久性不少于4000次操作循环。

## Product Show

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ISO9001



ISO/TS16949

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