



## NZK1-32 Change-over Switch

### 1. General

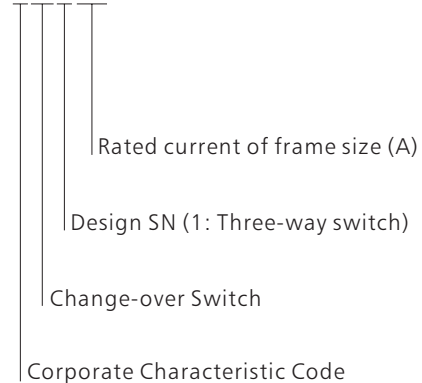
- 1.1 Certificates: KEMA;
- 1.2 Electric ratings: AC 50/60Hz;  
rated voltage up to 250V, rated current 32A;
- 1.3 Standard: IEC60669-1

### 2. Operating conditions

- 2.1 Temperature:  $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$ ;  
the average value shall not exceed  $+35^{\circ}\text{C}$
- 2.2 Altitude:  $\leq 2000\text{m}$ ;
- 2.3 Air conditions:  
At mounting site, relative humidity not exceed 50%  
at the max temperature of  $+40^{\circ}\text{C}$ , higher relative  
humidity is allowable under lower temperature.  
For example, RH could be 90% at  $+20^{\circ}\text{C}$ , special  
measures should be taken to occurrence of dews.
- 2.4 Mounting conditions:  
Inclination between the mounting plane and the  
vertical plane should not exceed  $\pm 5^{\circ}$
- 2.5 Assemble with TH35-7.5 steel mounting rail

### 3. Type designation

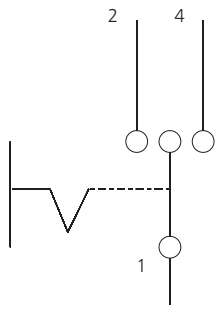
NZK1-32



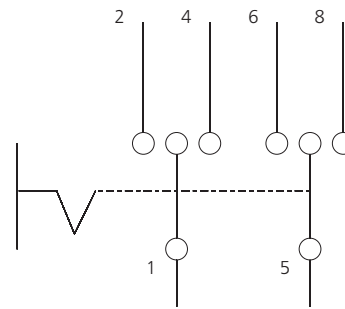
### 4. Technical data

- 4.1 Poles: 1P, 2P
- 4.2 Rated frequency: 50Hz/60Hz;
- 4.3 Rated operating current  $I_e$ : 32A;
- 4.4 Rated voltage  $U_e$ : 250V;
- 4.5 Rated making and breaking capacity:  
1.1  $U_e$ ; 1.25 $I_e$ ;  $\text{COS}\Phi = 0.3 \pm 0.05$ ; 200 times
- 4.6 Operational performance:  
 $U_e^{+5\%}$ ,  $I_e$ ;  $\text{COS}\Phi = 0.6 \pm 0.05$ ; 10000 times

## 5. Circuit diagram

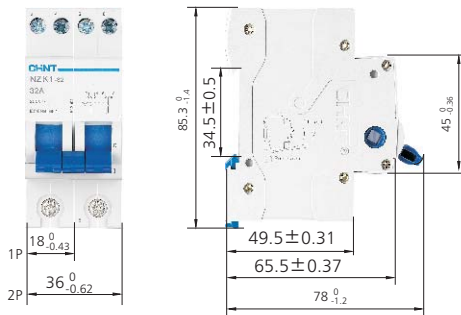


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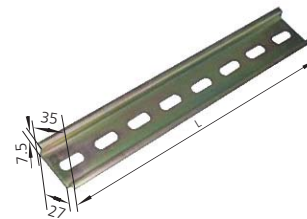


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## 6. Overall and mounting dimensions (mm)



Mounting Rail Dimensions



## 7. Installation and usage

- 7.1 Prior to installation, check whether the switch symbol complies with the operating conditions.
- 7.2 As shown, snap into the mounting rail.  
Contact 1-2 is closed when the handle is at position I, and contact 1-2, 1-4 are opened when the handle is at position "O", contact 1-4 is closed when the handle is at position II.
- 7.3 Before turning the power ON, operate the switch several times to ensure that it is flexible and reliable, without any delay.
- 7.4 The switch must be protected against rain during usage, storage and transportation, etc.

## 8. Ordering information

- 8.1 Indicate the following order information:
  - a) Product model and name, e.g. Change-over switch NZK1-32
  - b) Number of poles, e.g. 2P
  - c) Quantity of order, e.g. 100 units
- 8.2 Example:  
e.g. Change-over switch NZK1-32/2 100 units