

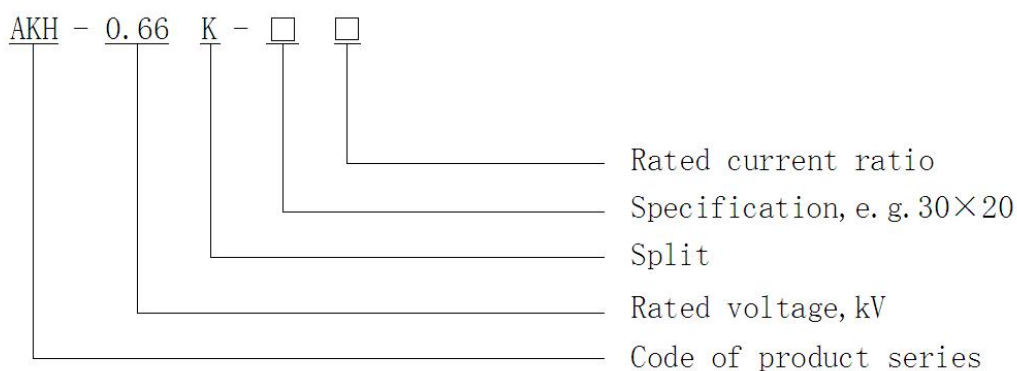
## AKH-0.66/K split current transformer

### 1.Product feature

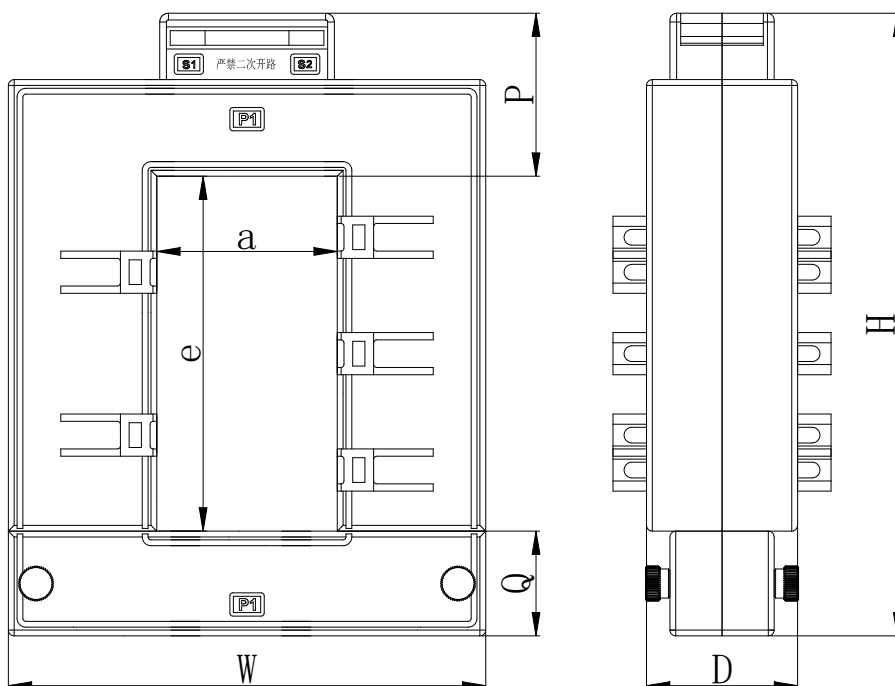
AKH-0.66/K series split current transformers are mainly used in reconstructing projects of urban and rural power grids. They can be mounted easily without removal of primary bus. They also can be operated with electricity, which prevents the normal utilization of electricity. Thus, they save the manpower, material resources and financial resources and improve the efficiency of users. < This series match with relay protection, measuring and metering equipment.



### 2.Explanation for type



### 3.Spec. and size



| Size (mm)<br>Specification | Outline size |     |      | Through size |     | Mountng size |    | Tolerance |
|----------------------------|--------------|-----|------|--------------|-----|--------------|----|-----------|
|                            | W            | H   | D    | a            | e   | P            | Q  |           |
| K-30×20                    | 90           | 114 | 40   | 22           | 32  | 50           | 32 | ±1        |
| K-60×40                    | 114          | 140 | 36   | 42           | 62  | 45           | 33 |           |
| K-80×40                    | 122          | 162 | 40   | 42           | 82  | 45           | 33 |           |
| K-80×50                    | 114          | 159 | 36   | 52           | 82  | 45           | 32 |           |
| K-80×80                    | 144          | 159 | 36   | 82           | 82  | 45           | 33 |           |
| K-120×80                   | 144          | 194 | 52   | 42           | 102 | 56           | 36 |           |
| K-120×60                   | 164          | 214 | 52   | 62           | 122 | 56           | 36 |           |
| K-100×40                   | 144          | 199 | 36   | 82           | 122 | 45           | 32 |           |
| K-130×40                   | 144          | 224 | 52   | 42           | 132 | 56           | 36 |           |
| K-130×50                   | 145          | 222 | 50.5 | 54           | 130 | 56           | 36 |           |
| K-130×60                   | 170          | 222 | 70   | 60           | 130 | 56           | 36 |           |
| K-140×60                   | 164          | 234 | 52   | 62           | 142 | 56           | 36 |           |
| K-160×80                   | 184          | 254 | 52   | 82           | 162 | 56           | 36 |           |
| K-200×80                   | 184          | 294 | 52   | 82           | 202 | 56           | 36 |           |

#### 4.Cross-reference tables of spec. -parameter



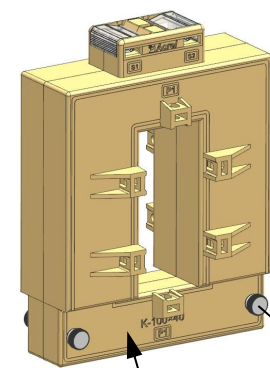
| Type    | Rated current ratio(A) | Precision degree | Rated load,VA |
|---------|------------------------|------------------|---------------|
| K-30×20 | 20-75/1A               | 1                | 0.2           |
|         | 100-150/5 (1) A        | 1                | 1             |
|         | 200/5 (1) A            | 1                | 1.5           |
|         | 250-300/5 (1) A        | 0.5              | 1.5           |
|         | 350-400/5 (1) A        | 0.5              | 2.5           |
| K-60×40 | 250-300/5 (1) A        | 1                | 1.5           |
|         | 350-450/5 (1) A        | 0.5              | 1.5           |
|         | 500-800/5 (1) A        | 0.5              | 2.5           |
|         | 1000-1250/5 (1) A      | 0.5              | 5             |
|         | 1500-2000/5 (1) A      | 0.5              | 10            |
| K-80×40 | 350-450/5 (1) A        | 0.5              | 2.5           |



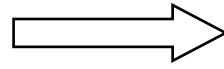
|          |                   |     |     |
|----------|-------------------|-----|-----|
|          | 500-800/5 (1) A   | 0.5 | 5.0 |
|          | 1000-2000/5 (1) A | 0.5 | 10  |
|          | 2500/5 (1) A      | 0.2 | 10  |
| K-80×50  | 250-300/5 (1) A   | 1   | 1.5 |
|          | 400-450/5 (1) A   | 0.5 | 1.5 |
|          | 500-800/5 (1) A   | 0.5 | 2.5 |
|          | 1000/5 (1) A      | 0.5 | 5   |
| K-80×80  | 250-300/5 (1) A   | 1   | 1.5 |
|          | 400-450/5 (1) A   | 0.5 | 1.5 |
|          | 500-800/5 (1) A   | 0.5 | 2.5 |
|          | 1000/5 (1) A      | 0.5 | 5   |
| K-100×40 | 1000-2000/5 (1) A | 0.5 | 10  |
|          | 2500-3000/5 (1) A | 0.2 | 10  |
|          | 4000A/5 (1) A     | 0.2 | 15  |
| K-120×60 | 400-450/5 (1) A   | 0.5 | 2.5 |
|          | 500-800/5 (1) A   | 0.5 | 5.0 |
|          | 1000-2000/5 (1) A | 0.5 | 10  |
|          | 2500-4000/5 (1) A | 0.2 | 10  |
| K-120×80 | 500-800/5 (1) A   | 0.5 | 2.5 |
|          | 1000-1200/5 (1) A | 0.5 | 5   |
|          | 1250-1500/5 (1) A | 0.5 | 7.5 |
| K-130×40 | 1000-2000/5 (1) A | 0.5 | 10  |
|          | 2500-4000/5 (1) A | 0.2 | 10  |
| K-130×50 | 1000-2000/5 (1) A | 0.5 | 10  |
|          | 2500-3000/5 (1) A | 0.2 | 10  |
|          | 4000-5000/5 (1) A | 0.2 | 15  |
| K-130×60 | 1000-2000/5 (1) A | 0.5 | 10  |
|          | 2500-5000/5 (1) A | 0.2 | 15  |
| K-140×60 | 1000-2000/5 (1) A | 0.5 | 10  |
|          | 2500-3000/5 (1) A | 0.2 | 10  |
|          | 4000-5000/5 (1) A | 0.2 | 15  |
| K-160×80 | 1000-2000/5 (1) A | 0.5 | 10  |
|          | 2500-3000/5 (1) A | 0.2 | 10  |
|          | 4000-5000/5 (1) A | 0.2 | 15  |
| K-200×80 | 1000-2000/5 (1) A | 0.5 | 10  |
|          | 2500-3000/5 (1) A | 0.2 | 10  |
|          | 4000-5000/5 (1) A | 0.2 | 15  |

## 5.Installation

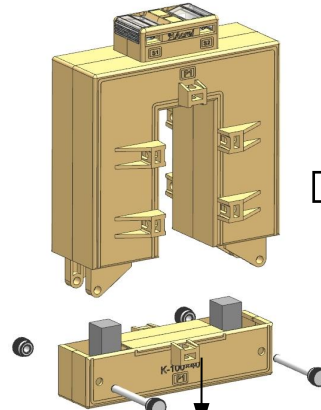
**Fig.1**



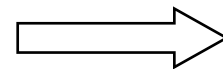
① Hold the lower section firmly at the direction of arrow



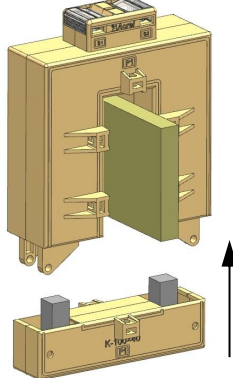
**Fig.2**



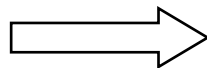
② Loosen two screws at the direction of arrow and remove them (fig. 2)



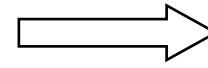
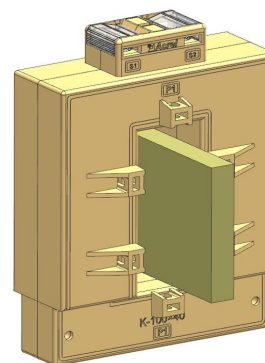
**Fig.3**



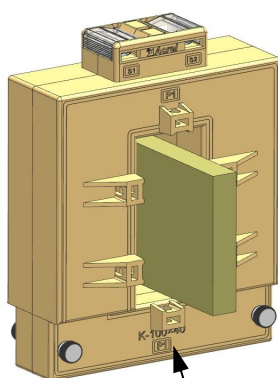
④ Mount the copper bar and assemble the lower section at the direction of arrow (fig. 4)



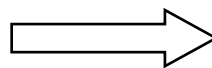
**Fig.4**



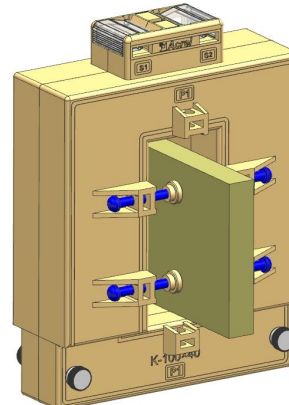
**Fig.5**



⑤ Hold it firmly at the direction of arrow



**Fig.6**



⑥ Hold the lower section firmly at the direction arrow, insert two screws and tighten nuts (fig. 6)

⑦ Fix the copper bar with M5 screws and pressure plates as shown in fig. 6