

#### 4.1 AKH-0.66测量型电流互感器 AKH-0.66 measuring current transformer

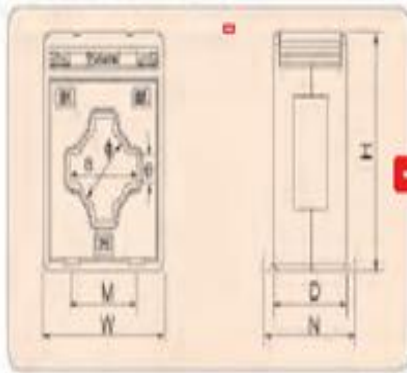
##### 4.1.1 AKH-0.66 | 型电流互感器 AKH-0.66 | current transformer

###### ● 产品特点 Product feature

专利产品，翻盖式设计，外形美观，接线方便。翻盖材料选用透明聚碳酸酯，能清楚看到二次引线接线情况。方圆组合孔型，既可穿越电缆，也可穿越汇流排，作为交流电流信号采集元件，一般与测量仪表配套使用，广泛应用于电气成套。

They are patented and flip designed. The appearance is nice and the wiring is convenient. The transparent polycarbonate material is selected for the flip. We can clearly see the secondary lead wiring. It has square-round hole for both cable and bus passing through. As alternating current signal acquisition element, it is generally matched with measuring instruments and widely used in electrical sets.

###### ● 规格尺寸 Spec. and size(mm)



| 规格<br>Type | 尺寸<br>Size | 外形尺寸<br>Outline size |     |    | 穿孔尺寸<br>Through size |    |    | 安装尺寸<br>Mounting size |      |
|------------|------------|----------------------|-----|----|----------------------|----|----|-----------------------|------|
|            |            | W                    | H   | D  | a                    | e  | Φ  | M                     | N    |
| 30I        |            | 60                   | 78  | 36 | 31                   | 11 | 23 | 34                    | 57.5 |
| 40I        |            | 75                   | 95  | 45 | 42                   | 11 | 31 | 40                    | 57.5 |
| 60I        |            | 102                  | 130 | 45 | 61.5                 | 21 | 45 | 42                    | 57.5 |
| 80I        |            | 118                  | 140 | 45 | 82                   | 11 | 52 | 60                    | 57.5 |

###### ● 规格参数对照表 Cross-reference tables of spec. - parameter



| 规格<br>Specification | 额定电流比(A)<br>Rated current ratio (A) | 准确级及相应额定负荷(VA)<br>Precision degree and corresponding rated load (VA) |      |     | 穿心匝数(匝)<br>Straight-through turns | 母排规格(mm)<br>/根数<br>Bus spec (mm)/number | 电缆最大外径 (mm)<br>Max. cable outer diameter (mm) | 安装方式<br>Installation |
|---------------------|-------------------------------------|--|------|-----|-----------------------------------|---|---|----------------------|
|                     |                                     | 0.2  | 0.5  | 1   |                                   |   |   |                      |
| 30I                 | 15/5(1)                             |  |      | 1.5 | 5                                 | /                                       | Φ22   | A                    |
|                     | 20/5(1)                             |  |      | 1.5 | 4                                 |   |   |                      |
|                     | 25-30/5(1)                          |  |      | 1.5 | 3                                 |   |   |                      |
|                     | 40-60/5(1)                          |  |      | 1.5 | 2                                 |   |   |                      |
|                     | 75-100/5(1)                         |  |      | 1.5 | 1                                 | 30x10/1                                 | Φ22   | A,B                  |
|                     | 150-200/5(1)                        |  | 2.5  | 1   |                                   |   |   |                      |
|                     | 250/5(1)                            |  | 3.75 | 1   |                                   |   |   |                      |
|                     | 300-450/5(1)                        |  | 5    | 1   |                                   |   |   |                      |
|                     | 500/5(1)                            |  | 10   | 1   |                                   |   |   |                      |
|                     | 600/5                               |  | 10   | 1   |                                   |   |   |                      |

10-CURRENT TRANSFORMER AKH-0.66K 300/5A 30I

20-CURRENT TRANSFORMER AKH-0.66K 400/5A 30I

#### 4.1 AKH-0.66测量型电流互感器 AKH-0.66 measuring current transformer

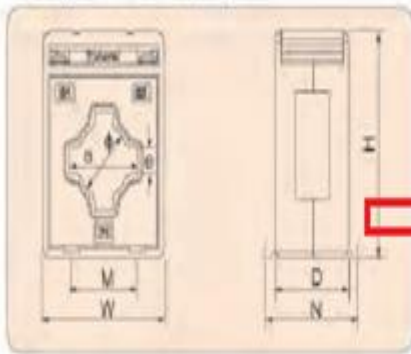
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They are patented and flip designed. The appearance is nice and the wiring is convenient. The transparent polycarbonate material is selected for the flip. We can clearly see the secondary lead wiring. It has square-round hole for both cable and bus passing through. As alternating current signal acquisition element, it is generally matched with measuring instruments and widely used in electrical sets.

###### ● 规格尺寸 Spec. and size(mm)



| 规格<br>Type | 外形尺寸<br>Outline size |     |    | 穿孔尺寸<br>Through size |    |    | 安装尺寸<br>Mounting size |      |
|------------|----------------------|-----|----|----------------------|----|----|-----------------------|------|
|            | W                    | H   | D  | a                    | e  | Φ  | M                     | N    |
| 30I        | 60                   | 78  | 36 | 31                   | 11 | 23 | 34                    | 57.5 |
| 40I        | 75                   | 95  | 45 | 42                   | 11 | 31 | 40                    | 57.5 |
| 60I        | 102                  | 130 | 45 | 61.5                 | 21 | 45 | 42                    | 57.5 |
| 80I        | 118                  | 140 | 45 | 82                   | 11 | 52 | 60                    | 57.5 |

###### ● 规格参数对照表 Cross-reference tables of spec. - parameter



| 规格<br>Specification | 额定电流比(A)<br>Rated current ratio (A) | 准确级及相应额定负荷(VA)<br>Precision degree and corresponding rated load (VA) |      |     | 穿心匝数(匝)<br>Straight-through turns | 母排规格(mm)<br>/根数<br>Bus spec (mm)/number | 电缆最大外径 (mm)<br>Max. cable outer diameter (mm) | 安装方式<br>Installation |
|---------------------|-------------------------------------|--|------|-----|-----------------------------------|---|---|----------------------|
|                     |                                     | 0.2  | 0.5  | 1   |                                   |   |   |                      |
| 40I                 | 10/5(1)                             |  |      | 1.5 | 8                                 | /                                       | Φ30   | A                    |
|                     | 15/5(1)                             |  |      | 1.5 | 5                                 |   |   |                      |
|                     | 20/5(1)                             |  |      | 1.5 | 4                                 |   |   |                      |
|                     | 25-30/5(1)                          |  |      | 1.5 | 3                                 |   |   |                      |
|                     | 40-80/5(1)                          |  |      | 1.5 | 2                                 |   |   |                      |
|                     | 75/5(1)                             |  |      | 1.5 | 1                                 | 40x10/1                                 | A,C   |                      |
|                     | 100/5(1)                            |  |      | 1.5 | 1                                 |   |   |                      |
|                     | 150/5(1)                            |  |      | 2.5 | 1                                 |   |   |                      |
|                     | 200/5(1)                            |  | 2.5  |     | 1                                 |   |   |                      |
|                     | 250/5(1)                            |  | 3.75 |     | 1                                 |   |   |                      |
| 300-450/5(1)        |                                     | 5  |      | 1   |                                   |   |   |                      |
| 500-800/5(1)        |                                     | 10   |      | 1   |                                   |   |   |                      |
| 1000/5(1)           | 10                                  |  |      | 1   |                                   |   |   |                      |

30- CURRENT TRANSFORMER AKH-0.66K 500/5A 40I

40- CURRENT TRANSFORMER AKH-0.66K 800/5A 40I

#### 4.1.3 AKH-0.66III 型电流互感器 AKH-0.66 III current transformer

##### ● 产品特点 Product feature

立式方孔型，可穿越1-3根汇流排，不但具有 I、II 型的特点，而且可作供电系统计量电能用，以及可与电流继电器配套作保护用。  
Vertical square hole type, they can pass through 1-3 bar bus. Not only they possess features of type I, II, but also can be used for electric metering of power supply, and matched with current relay to do protection.

##### ● 规格尺寸(单位: mm) Spec. and size(mm)



| 规格<br>Type | 尺寸<br>Size | 外形尺寸<br>Outline size |     |    | 穿孔尺寸<br>Through size |     | 安装尺寸<br>Mounting size |
|------------|------------|----------------------|-----|----|----------------------|-----|-----------------------|
|            |            | W                    | H   | D  | a                    | e   | M                     |
| 60 II      |            | 117                  | 147 | 55 | 52                   | 62  | 60                    |
| 80 II      |            | 117                  | 167 | 55 | 52                   | 82  | 60                    |
| 100 II     |            | 120                  | 190 | 55 | 52                   | 102 | 60                    |
| 130 II     |            | 125                  | 224 | 55 | 52                   | 132 | 60                    |

##### ● 规格参数对照表 Cross-reference tables of spec. - parameter



| 规格<br>Specification | 额定电流比(A)<br>Rated current ratio(A) | 准确级及相应额定负荷(VA)<br>Precision degree and corresponding rated load (VA) |     | 穿心匝数(匝)<br>Straight-through turns | 母排规格(mm)<br>/根数<br>Bus spec (mm)/number | 安装方式<br>Installation |
|---------------------|------------------------------------|--|-----|-----------------------------------|---|----------------------|
|                     |                                    | 0.2  | 0.5 |                                   |   |                      |
| 60 III              | 200-300/5(1)                       |  | 2.5 | 1                                 | 60x10/1-3                               | E                    |
|                     | 400/5(1)                           |  | 5   | 1                                 |   |                      |
|                     | 500-800/5(1)                       |  | 10  | 1                                 |   |                      |
|                     | 1000/5(1)                          | 10   |     | 1                                 |   |                      |
|                     | 1200-1500/5(1)                     | 15   |     | 1                                 |   |                      |
|                     | 2000/5(1)                          | 20   |     | 1                                 |   |                      |
| 80 III              | 2500/5(1)                          | 30   |     | 1                                 | 80x10/1-3                               |                      |
|                     | 300-400/5(1)                       |  | 5   | 1                                 |   |                      |
|                     | 500-800/5(1)                       |  | 10  | 1                                 |   |                      |
|                     | 1000/5(1)                          | 10   |     | 1                                 |   |                      |
|                     | 1200-1500/5(1)                     | 15   |     | 1                                 |   |                      |
|                     | 2000/5(1)                          | 20   |     | 1                                 |   |                      |
| 100 III             | 2500-3000/5(1)                     | 30   |     | 1                                 | 100x10/1-3                              |                      |
|                     | 600-800/5(1)                       |  | 10  | 1                                 |   |                      |
|                     | 1000/5(1)                          | 10   |     | 1                                 |   |                      |
| 130 III             | 1200-1500/5(1)                     | 15   |     | 1                                 | 130x10/1-3                              |                      |
|                     | 2000/5(1)                          | 20   |     | 1                                 |   |                      |
|                     | 2500-5000/5(1)                     | 30   |     | 1                                 | 125x10/1-3                              |                      |
|                     | 2000/5(1)                          | 20   |     | 1                                 |   |                      |
|                     | 2500-5000/5(1)                     | 30   |     | 1                                 |   |                      |

50 - TRANSFORMER AKH-0.66K 1500/5A 120I

#### 4.1.2 AKH-0.66II 型电流互感器 AKH-0.66 II current transformer

##### ● 产品特点 Product feature

卧式方孔型，可穿越1-6根汇流排，亦可穿越多根电缆，一般与电气测量仪表配套使用，广泛应用于电气成套。  
Horizontal square hole type, they can pass through 1-6 bar bus and also pass through multiple cables. They are generally used with electrical measuring instruments, widely used in electrical sets.

##### ● 规格尺寸(单位: mm) Spec. and size(mm)



| 规格 Type   | 尺寸 Size | 外形尺寸 Outline size |     |    | 穿孔尺寸 Through size |      | 安装尺寸 Mounting size |      |
|-----------|---------|-------------------|-----|----|-------------------|------|--------------------|------|
|           |         | W                 | H   | D  | a                 | e    | M                  | N    |
| 30II      |         | 62                | 98  | 45 | 32                | 32   | 28                 | 57.5 |
| 40II      |         | 78                | 103 | 45 | 43                | 31.5 | 48                 | 57.5 |
| 50II      |         | 87                | 113 | 45 | 52                | 32   | 30                 | 57.5 |
| 60II      |         | 102               | 125 | 45 | 61                | 33   | 42                 | 57.5 |
| 60x50II   |         | 102               | 142 | 45 | 62                | 51.5 | 42                 | 57.5 |
| 80II      |         | 117               | 119 | 45 | 82                | 32   | 60                 | 57.5 |
| 80x50II   |         | 120               | 141 | 45 | 82                | 52   | 60                 | 57.5 |
| 100II     |         | 145               | 125 | 45 | 103               | 35   | 80                 | 57.5 |
| 100x50II  |         | 145               | 155 | 50 | 103               | 55   | 80                 | 70.5 |
| 100x80II  |         | 152               | 190 | 55 | 104               | 85   | 80                 | 70.5 |
| 120x50II  |         | 174               | 166 | 48 | 122               | 53   | 79                 | 70.5 |
| 120x80II  |         | 160               | 193 | 60 | 122               | 72   | 56                 | 70.5 |
| 130x50II  |         | 176               | 160 | 50 | 135               | 55   | 86                 | 70.5 |
| 150x50II  |         | 210               | 176 | 55 | 155               | 55   | 103                | 70.5 |
| 180x50II  |         | 239               | 181 | 60 | 185               | 55   | 40                 | 83   |
| 200x50II  |         | 247               | 175 | 55 | 202               | 61   | 188                | 83   |
| 220x50II  |         | 280               | 190 | 60 | 225               | 55   | 188                | 83   |
| 260x50II  |         | 320               | 191 | 60 | 265               | 55   | 65/55/65           | 83   |
| 170x100II |         | 227               | 230 | 60 | 172               | 105  | 103                | 83   |
| 280x100II |         | 308               | 218 | 63 | 265               | 104  | 58x3               | 83   |



| 规格 Specification | 额定电流比(A) Rated current ratio (A) | 准确度级及相应额定负荷(VA) Precision degree and corresponding rated load (VA) |      |     | 穿心匝数(匝) Straight-through turns | 母排规格(mm) / 极数 Bus spec (mm)/number | 安装方式 Installation |
|------------------|----------------------------------|--|------|-----|--------------------------------|------------------------------------|-------------------|
|                  |                                  | 0.2  | 0.5  | 1   |                                |                                    |                   |
| 40II             | 100/5(1)                         |  |      | 1.5 | 1                              | 40x10/1-2                          | A, C              |
|                  | 150/5(1)                         |  |      | 2.5 | 1                              |                                    |                   |
|                  | 200/5(1)                         |  | 2.5  |     | 1                              |                                    |                   |
|                  | 250/5(1)                         |  | 3.75 |     | 1                              |                                    |                   |
|                  | 300-450/5(1)                     |  | 5    |     | 1                              |                                    |                   |
|                  | 500-800/5(1)                     |  | 10   |     | 1                              |                                    |                   |
| 50II             | 1000/5(1)                        | 10   |      |     | 1                              | 50x10/1-2                          | C                 |
|                  | 150/5(1)                         |  |      | 2.5 | 1                              |                                    |                   |
|                  | 200-250/5(1)                     |  | 2.5  |     | 1                              |                                    |                   |
|                  | 300-450/5(1)                     |  | 5    |     | 1                              |                                    |                   |
|                  | 500-800/5(1)                     |  | 10   |     | 1                              |                                    |                   |
| 60II             | 1000-1250/5(1)                   | 10   |      |     | 1                              | 60x10/1-2                          |                   |
|                  | 1500/5(1)                        | 20   |      |     | 1                              |                                    |                   |
|                  | 200-250/5(1)                     |  | 2.5  |     | 1                              |                                    |                   |
|                  | 300-450/5(1)                     |  | 5    |     | 1                              |                                    |                   |
|                  | 500-800/5(1)                     |  | 10   |     | 1                              |                                    |                   |
|                  | 1500-2000/5(1)                   | 20   |      |     | 1                              |                                    |                   |
| 2500/5(1)        | 30                               |  |      | 1   |                                |                                    |                   |

60 - TRANSFORMER AKH-0.66K 1500/5A

#### 4.1.2 AKH-0.66II 型电流互感器 AKH-0.66 II current transformer

##### ● 产品特点 Product feature

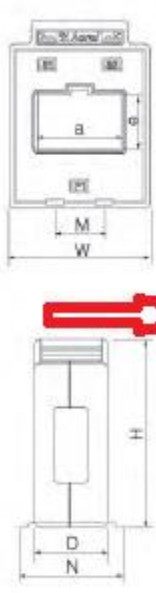
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Horizontal square hole type, they can pass through 1-6 bar bus and also pass through multiple cables. They are generally used with electrical measuring instruments, widely used in electrical sets.



| 规格<br>Specification | 额定电流比(A)<br>Rated current ratio (A) | 准确级及相应额定负荷(VA)<br>Precision degree and corresponding rated load (VA) |     |   | 穿心匝数(匝)<br>Straight-through turns | 母排规格(mm)<br>/根数<br>Bus spec (mm)/number | 安装方式<br>Installation |
|---------------------|-------------------------------------|--|-----|---|-----------------------------------|---|----------------------|
|                     |                                     | 0.2  | 0.5 | 1 |                                   |   |                      |
| 100x50II            | 2500-4000/5(1)                      | 30   |     |   | 1                                 | 100x10/1-3                              |                      |
|                     | 300-450/5(1)                        |  | 5   |   | 1                                 |   |                      |
|                     | 500-800/5(1)                        |  | 10  |   | 1                                 |   |                      |
|                     | 1000-1250/5(1)                      | 10   |     |   | 1                                 |   |                      |
|                     | 1500-2000/5(1)                      | 30   |     |   | 1                                 |   |                      |
|                     | 2500-4000/5(1)                      | 30   |     |   | 1                                 |   |                      |

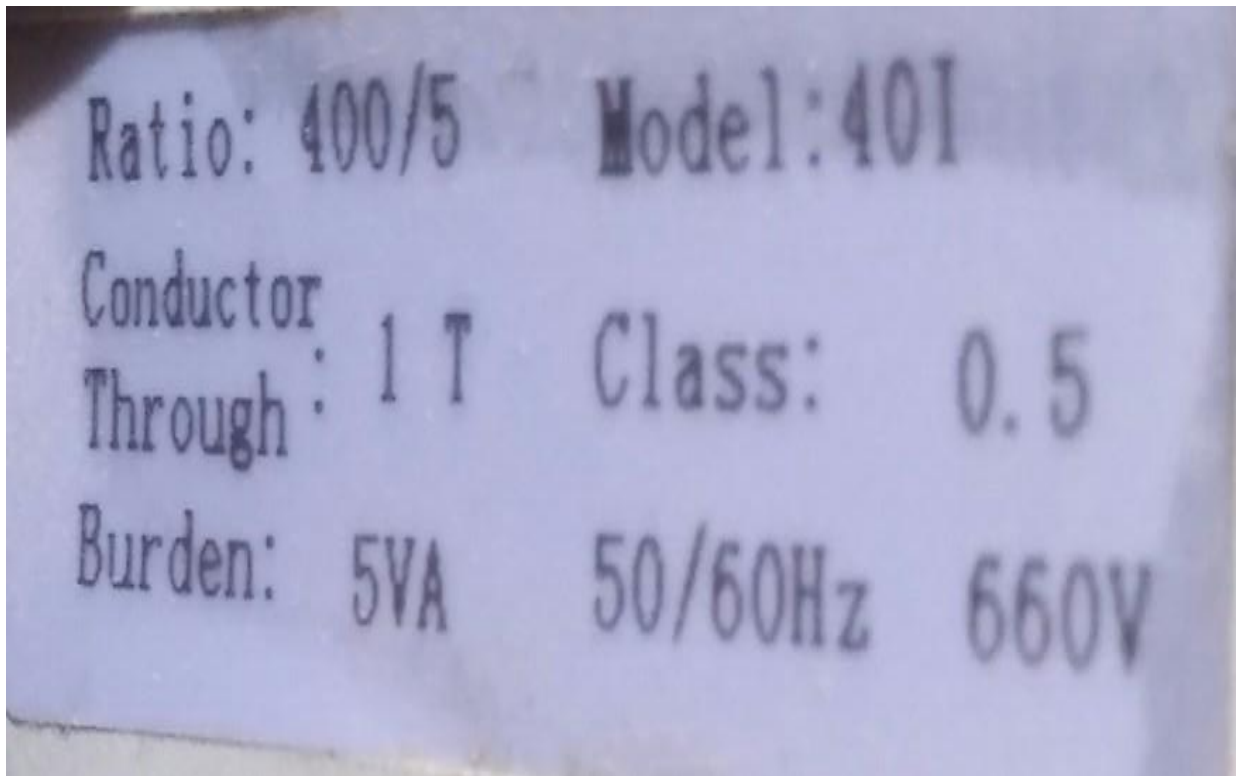
##### ● 规格尺寸(单位: mm) Spec. and size(mm)



| 规格<br>Type | 尺寸<br>Size | 外形尺寸 Outline size |     |    | 穿孔尺寸 Through size |      | 安装尺寸 Mounting size |      |
|------------|------------|-------------------|-----|----|-------------------|------|--------------------|------|
|            |            | W                 | H   | D  | a                 | e    | M                  | N    |
| 30II       |            | 62                | 98  | 45 | 32                | 32   | 28                 | 57.5 |
| 40II       |            | 78                | 103 | 45 | 43                | 31.5 | 48                 | 57.5 |
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| 260x50II   |            | 320               | 191 | 60 | 265               | 55   | 65/55/65           | 83   |
| 170x100II  |            | 227               | 230 | 60 | 172               | 105  | 103                | 83   |
| 260x100II  |            | 308               | 218 | 63 | 265               | 104  | 58x3               | 83   |

70- TRANSFORMER AKH-0.66K 2500/5A

80- TRANSFORMER AKH-0.66K 3000/5A 100x50I



90- TRANSFORMATEUR COURANT LMZ1-0.66 400/5A