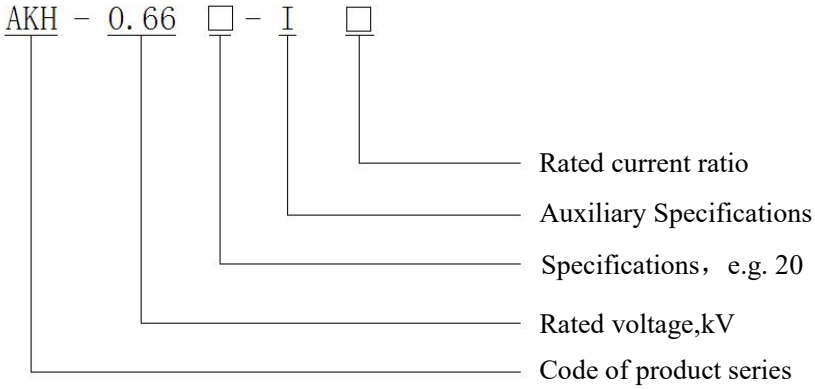
# AKH-0.66 20I Current transformer

1.Product feature

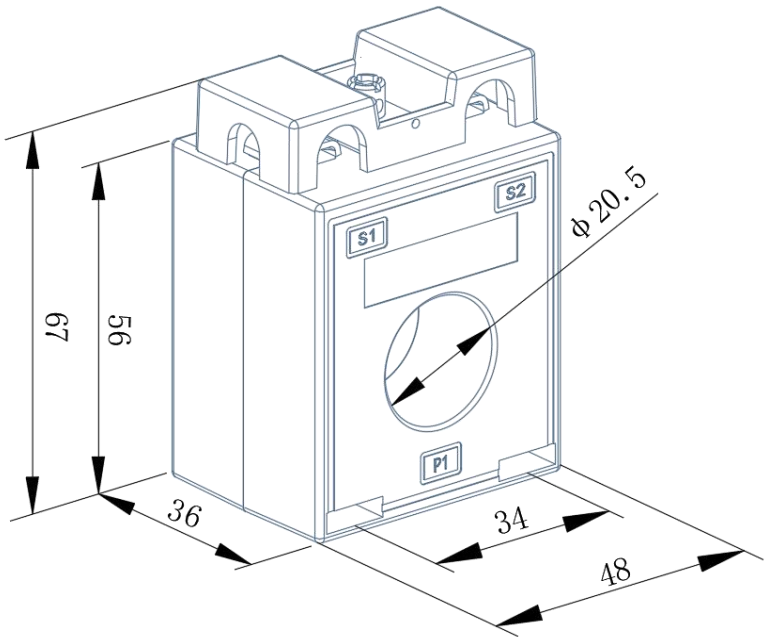
The appearance is nice and the wiring is convenient. The transparent polycarbonate material is selected for the flip.We can clearly see the secondary lead wiring. As alternating current signal acquisition element,it is generally matched with measuring instruments and widely used in electrical sets.

This product meet the requirements of GB20840.2-2014(Equivalent IEC61869-2:2012,MOD), and have achieved CE certificate.

2.Explanation for type




3. Spec. and size（Tolerance(mm) ±1）






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4. Cross-reference tables of spec. –parameter

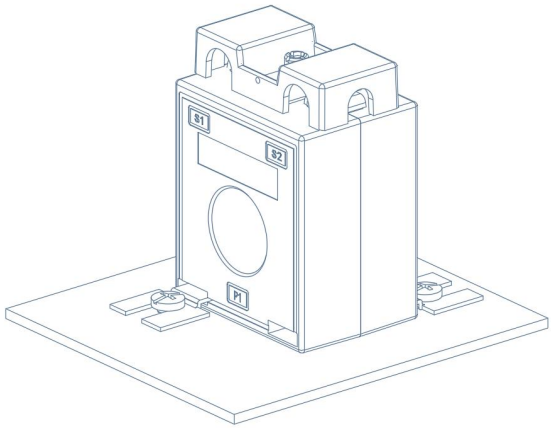


| Specification | Rated current ratio (A) | Precision degree and corresponding rated load (VA) | | Straight-through tums | Max. cable outer diameter (mm) |
|---|---|---|---|---|---|
| | | 0.5 | 1 | | |
| 20I | 50A/5(1) | / | 1.5 | 2 | Φ20 |
| | 75A/5(1) | 2.5 | / | 2 | |
| | 100/5(1) | / | 1.5 | 1 | |
| | (150-200)/5(1) | 2.5 | / | 1 | |

5. Technical indicators

- Rated operation voltage AC 0.66kV(Equivalent AC 0.69kV,GB156-2017)
- Rated frequency 50-60Hz
- Ambient air temperature -30℃-70℃
- Height above sea level≤3000m
- Power frequency withstand voltage 3000v/1min 50Hz
- Used in place without direct rain and snow,without severe pollution and acute shock
- The rated current of the primary equipment or the maximum load current of the line should not be greater than 2 / 3 of the rated primary current of the current transformer

6. Installation






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7.Design and test standards:

| No. | Name | Testing condition | Measuring instrument | Product Verification Cycle | Product testing standards |
|---|---|---|---|---|---|
| 1 | Surface,Terminal mark | Temperature: 20-25℃ Humidity: 50-65% | HLS-50G2 Standard Current Transformer、HES-1 Digital Transformer Verification FY47 Current Transformer Load Cases FY49Current Transformer Load Cases LK2673 Withstand Voltage Tester ZC25-4 Insulation Resistance Shaking Instrument | 2 Years | GB 20840.2-2014《Current Transformer》JJG313-2010 Verification Procedure |
| 2 | Power frequence Withstand voltage | | | | |
| 3 | Insulation resistance | | | | |
| 4 | Error testing | | | | |

Note: when the current transformer is used, the two time shall not open circuit, and the two outlet S2 needs to be grounded!



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