

## Product specification

1. Product name: open-close current transformer
2. Product specification: TYKCT-24
3. Main technical parameters of the product:

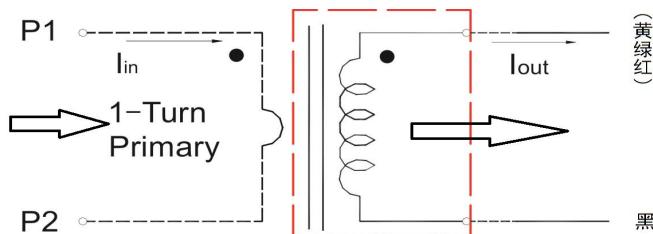
| item                    | character      | technical parameter | item                    | character      | technical parameter                   |
|-------------------------|----------------|---------------------|-------------------------|----------------|---------------------------------------|
| working frequency       | f              | 50Hz-60Hz           | Line-to-line insulation | V              | 1000                                  |
| Rated primary current   | I <sub>h</sub> | 400A                | Insulation strength     | —              | 500MΩ/500V/min                        |
| Rated secondary voltage | V              | 1VAC                | Insulation voltage      | —              | 3000V <sub>Ac</sub> (r.m.s)(2mA/1min) |
| Linearity               | f              | <1.5%               | working temperature     | T <sub>a</sub> | -12°C ~ +75°C                         |
| Core piercing           | I              | 一匝                  | Storage temperature     | T <sub>s</sub> | -20°C ~ +75°C                         |
|                         |                |                     | Secondary impedance     | Ω              | -                                     |

### 4. Definition of primary, secondary and polarity end of transformer:

4.1 Primary definition of transformer: transformer primary through-core input, secondary terminal output.

4.2 Definition of the same end of primary and secondary leads: P1 of the transformer (yellow, green and red); P2 black has the same name.

4.3 The electrical schematic diagram of the transformer is as follows.



### 5. Main production technical requirements of transformer:

- 1.1 The shell is made of flame retardant PC/ABS NI nylon P6 alloy; The shell color is black.
- 1.2 The output mode adopts 2468/20 AWG flat cable three-color (red, black, yellow, black, green and black) 1.5 meter output.
- 1.3 The requirements in Appendix A of GB14287.2-2014 must be met.
- 1.4 Refer to the figure below for overall dimensions

