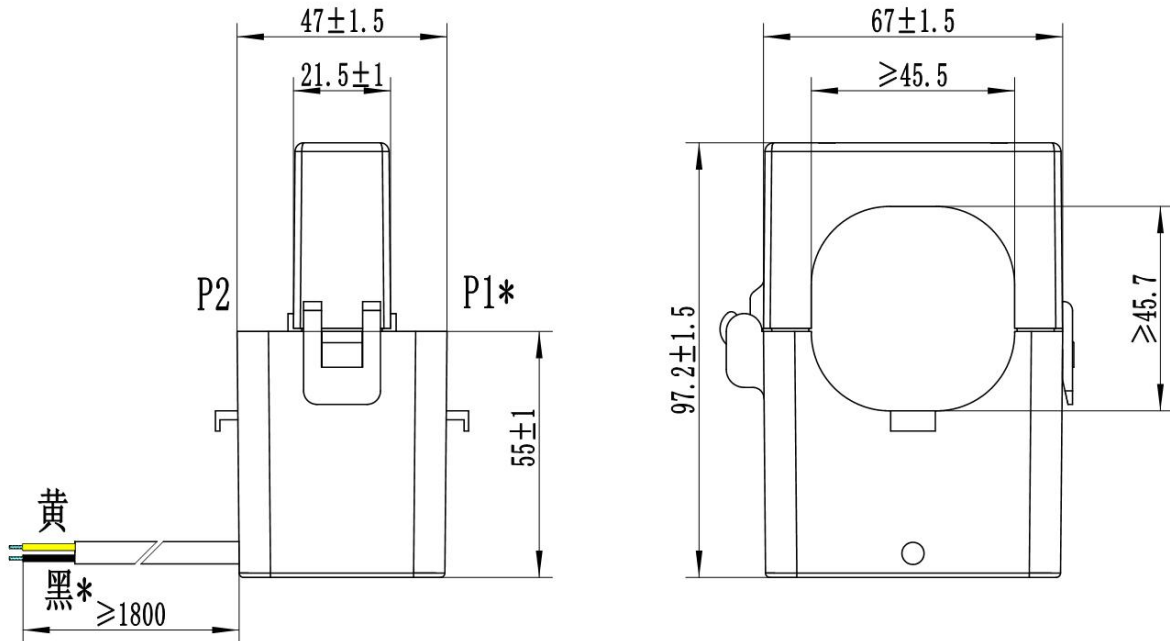


ZEMCTK13

Split core current transformer

Mainly used for the Reconstruction project of the distribution system, not power-off stitches, can be quickly loading and unloading

Structural Parameters:



Front View

Lateral View

“*” Same polarity

Product characteristics and application:

Rated input current	800A	Accuracy class	0.5
Rated output current	160mA	Installation	Split core type
Turns ratio	5000:1	Operating temperature	-25°C~+75°C
Operating current	0~960A(10Ω)	Relative humidity	≤95%
Case material	Nylon	Operating frequency	50HZ/60HZ

- (1) Dielectric strength: power frequency between primary winding and secondary winding 2.5KV/min, no breakdown flash-over phenomenon, leakage current < 1mA;
- (2) Insulation resistor: Between primary winding and secondary winding ≥1000MΩ/500Vdc

Error Range:

Input current	5	20	100	120
Ratio error ($\pm\%$)	± 0.75	± 0.5	± 0.5	± 0.5
Phase error ($'$)	≤ 30	≤ 20	≤ 20	≤ 20

Reliability test:

No.	Items	contents	condition	Application standard
1	High temperature storage	Durability test, long time high temperature storage.	85 °C 48hours	Corporate standard
2	Low temperature storage	Durability test, long time low temperature storage.	-40 °C 48 hours	Corporate standard
3	High temperature operation	Durability test, long time in the state of high temperature power.	75 °C 16 hours	Corporate standard
4	Low temperature operation	Durability test, long time in the state of low temperature power.	-25 °C 16 hours	Corporate standard
5	High temperature/high humidity storage	Durability test, high temperature and high humidity storage for a long time.	60 °C , 90 %RH 48 hours	Corporate standard
6	High temperature/high humidity operation	Durability test, long time in high temperature and high humidity power on state.	40 °C , 90 %RH 16 hours	Corporate standard
7	Cold and hot cycle shock	Durability test in electrified and cold and hot cycle condition. 25 °C 5min. 1 Cycle 70 °C 30min -20 °C 30min	-20 °C / 70 °C 10 Cycle	Corporate standard
Mechanical test				
8	Vibration test	Durability testing, transportation and use in the state of vibration.	Frequency: 10~55~10Hz amplitude: 1.5mm Cycle: 1 Log/min time: X.Y.Direction 0.5 hour each	Corporate standard

Label Content:

ZEMCTK13 800A/160mA 黑 (*) 黄 ← 择明朗熙电子
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