

KCT-0.66-10/16/24/35/48

Series: Open and close current transformers

Product features

- Buckle structure, good linearity, and high sensitivity
- Adopting high magnetic silicon steel/ferrite aluminum, with good linearity and high sensitivity
- Internal pure copper coil, good stability, light weight, convenient installation



Overview

Open and close current transformers are improvements on the basis of traditional transformers. Made into a free opening and closing style, it can be quickly installed and disassembled without power outage or continuous wiring, and is easy to operate. This series of products has a wide measurement range, with a rated primary current range of 0~2000A, a rated secondary current range of 0~5A/0~1000mA/0.333V, and a current ratio range of 500:1~100 00:1. The orderly production process ensures its accuracy level, reliability, and other technical requirements. This product complies with the GB/T20840.1:2 standard.

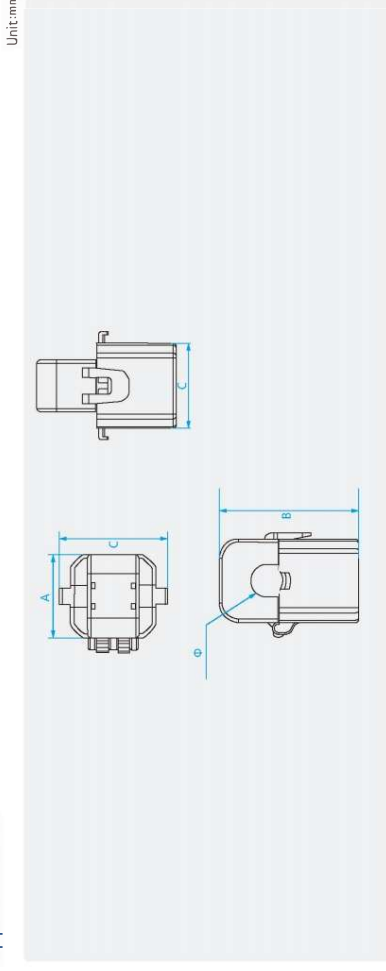
Application scope

Suitable for rural power grid renovation, electrical fire monitoring, fire and leakage prevention systems, smart electricity system, electricity measurement, power quality analysis, and electrical equipment signal acquisition, power demand side management of lighting equipment, motors, power devices and other equipment, small current grounding systems, electromechanical relay protection, microcomputer protection, smart electricity, environmental monitoring, etc.

Main technical parameters

Electrical parameters		Mechanical parameters	
working frequency	50~2KHz	Shell	ABS, Flame retardant grade 94-V0
Rated input	0~2000A	skeleton	PBT
measuring range	10%In~110%In	Iron core	silicon steel
Rated output	0.333V/1A or 0-5A	internal structure	Buckle
Ratio difference	≤ ± 0.1 %	construction plan	Tie strap fixation
Phase difference	≤ ± 10 points	working temperature	-25℃~+65℃
Medium strength	2.5KV/1mA/1min	ambient humidity	≤85%
insulation resistance	DC500V/1000MΩ/min	Wiring method	PVC three color 1.5m twisted pair cable

Appearance and installation dimensions



Unit:mm

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Inner orifice	Primary current	Secondary output	capacity	Default leader length	External dimensions			
					Φ	A	B	C
10	0-75A	0-1000mA 0-1v	2.2-30VA	1m	10mm	23	40	27
16	0-200A				16mm	31	50	30
24	0-400A	0-5A 0-5V	0.1-30VA	1m	23mm	43	73	39
35	0-600A	0-1000MA			35mm	60	89	43
48	0-1500A				50mm	81.2	119.8	58

Ordering Notice

When placing an order, users need to provide the following information:

- Product model and window width;
- Rated voltage;
- Rated output and corresponding accuracy level;

For example, ordering BH-0.66l type. A transformer with a window width of 30mm, a rated current ratio of 200/5A, a rated output of 5VA, and an accuracy level of 0.5. Order code: BH-0.6630l2 00/5A1 turn 5VA 0.5 level

If there are special requirements, customization can be negotiated with the company.