

# AC Leakage current transformers

YUANXING TA25LXX Series of AC Leakage current transformers Base theory of zero flux, TA25LXX series is used for online insulation monitoring device of high-voltage electric equipment in electric substation, which can exactly transit mA AC leakage current.



YUANXING can design and manufacture to meet the specific design challenges of the client's specific application. The following models are only a small sampling of the many different products which have been and are currently being manufactured.

## FEATURES

- Center hole-through, easy installation, on the safe side.
- Metal casing, better capacity of resisting disturbance, be adequate for inside and outside surroundings.
- High-sensitivity/accuracy, good linearity.
- Two series for selection: passive and active

## APPLICATIONS

- Used in high voltage electric power equipment insulation monitoring plant, which is stalled in transformers station. Provide exact measurement for mA leakage current of high voltage power equipment, such as transformers sleeve, current transformers

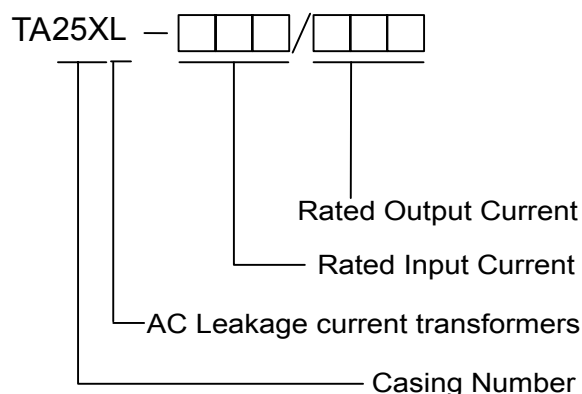
## SPECIFICATIONS

- Frequency: 50Hz
- Rated current: 10mA、20mA、30mA
- Measuring range: 0.5~700mA
- Output signal: mV / mA
- Amplitude error:  $\pm 0.1\%$
- Phase error:  $\pm 1'$
- Environmental temperature:  $-30^{\circ}\text{C} \sim +75^{\circ}\text{C}$   
Influence on phase error by temperature change is  $< 1'$
- Diameter of primary center hole:  $\Phi 13\text{mm}$ , 25mm, 40mm, 50mm



TA25XL

## PART NUMBERS



AC Leakage CT's

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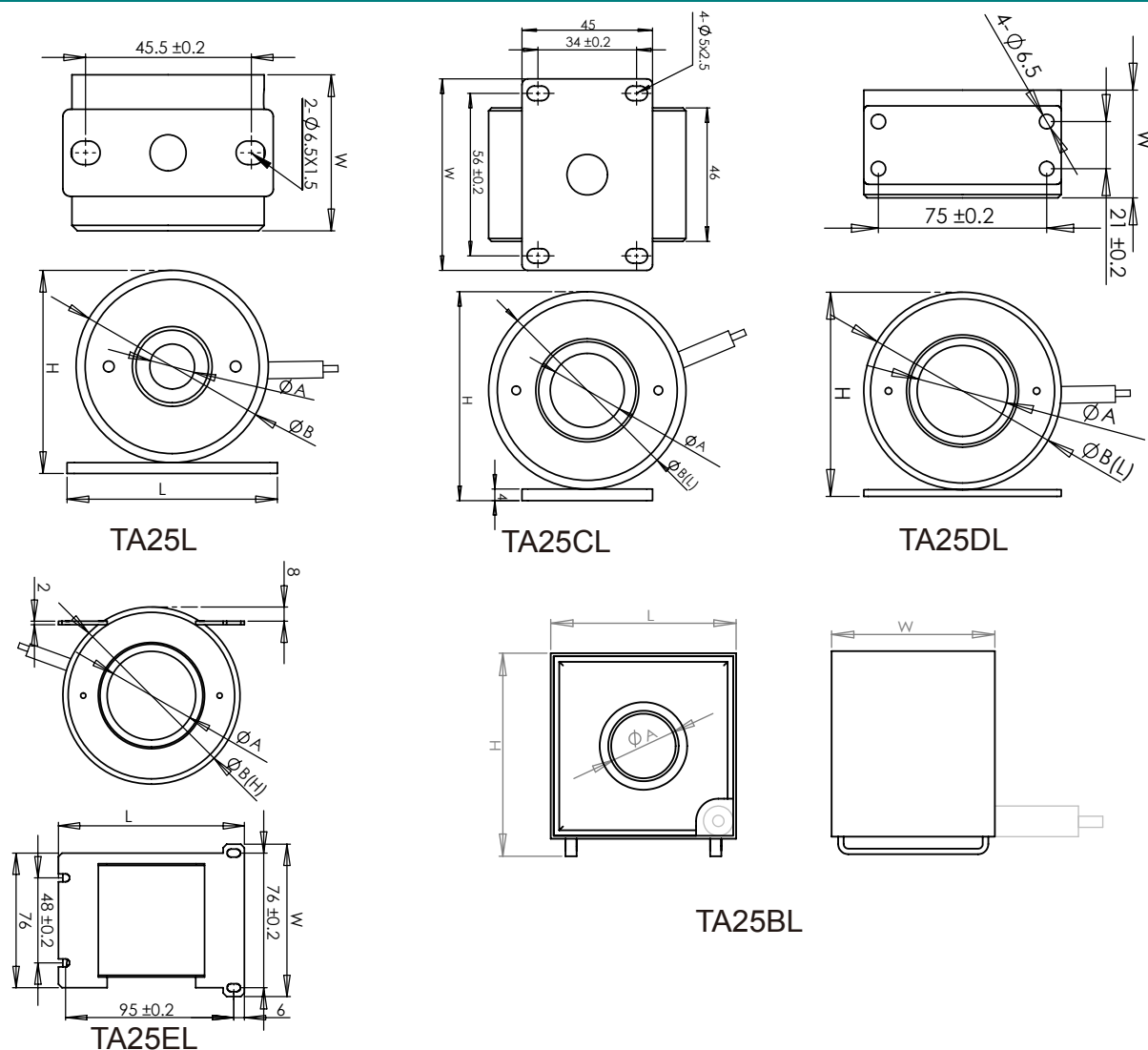
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## PERFORMANCES

Number	Rated Input (mA)	Ratio	Frequency (Hz)	Rated burden (ohms)	Accuracy class	Outline dimension (mm) ID-L-W-H
TA25L	10~500	1000 : 1 2000 : 1	50/60	0	0.02 0.05	12.4-58-43-56
TA25BL	10~500	1000 : 1 2000 : 1	50/60	0	0.02 0.05	16.0-50-44-54.8
TA25CL	10~1000	1000 : 1 2000 : 1	50/60	0	0.02 0.05	25.5-68-65.5-72
TA25DL	10~1000	1000 : 1 2000 : 1	50/60	0	0.02 0.05	40.5-88-48-91
TA25EL	10~1000	1000 : 1 2000 : 1	50/60	0	0.02 0.05	50-105-86-100

## OUTLINE DRAWING



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## OUTLINE DIMENTION

Unit:mm (inch)

Part number	L	W	H	A	B
TA25L	58.0 (2.283)	43.0 (1.693)	56.0 (2.205)	12.4 (0.488)	53.0 (2.087)
TA25BL	50.0 (1.969)	44.0 (1.732)	54.8 (2.157)	12.4 (0.488)	53.0 (2.087)
TA25CL	68.0 (2.677)	65.5 (2.579)	72.0 (2.835)	25.5 (1.004)	68.0 (2.677)
TA25DL	88.0 (3.465)	48.0 (1.890)	91.0 (3.583)	40.5 (1.594)	88.0 (3.465)
TA25EL	105.0 (4.134)	86.0 (3.386)	100.0 (3.937)	50.0 (1.969)	100.0 (3.937)