

Product item : ELXZ-10 Electronic Type Three phase Integrated Current Transformers

Product type : ELXZ-10

Protect code :

Overview : ELXZ-10 electronic three phase Integrated current transformer is suitable for AC power system 10kV cable line power supply equipment, used for line zero sequence current measurement and protection.



Type A



Type B

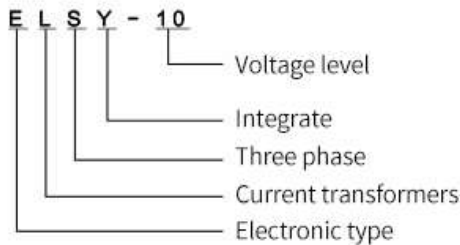


Type C

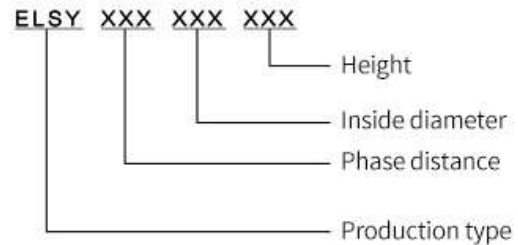
## Summary

ELSY-10 electronic type three phase Integrated current transformer is suitable for AC power system 10kV cable line power supply equipment, used for line three-phase and zero sequence current measurement and protection. The secondary output of the transformer is a voltage signal, and since the output is a small signal, it can be directly connected to the secondary device without secondary conversion. It conforms to the technical specifications of the first and second integration of the national grid distribution equipment.

## Type Designation



## Product Code



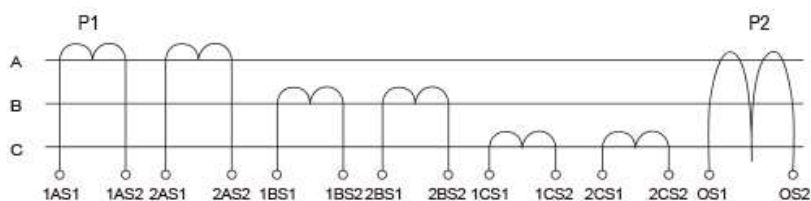
## Product functions

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- The product is based on the principle of low power small iron core, and the output signal is a voltage amount, which is proportional to the primary current.
- There is no magnetic saturation in the whole measurement range, the output is linear, and the small iron core structure can make high-precision measurement level.
- The phase sequence current transformer can measure the meterage, measurement and protection separately.
- There is no high voltage generated in the secondary open circuit, which will not cause danger to operators and equipment.
- The secondary signal is routed through the aerospace plug-in and shielded cable

## Wiring diagram



## Working condition

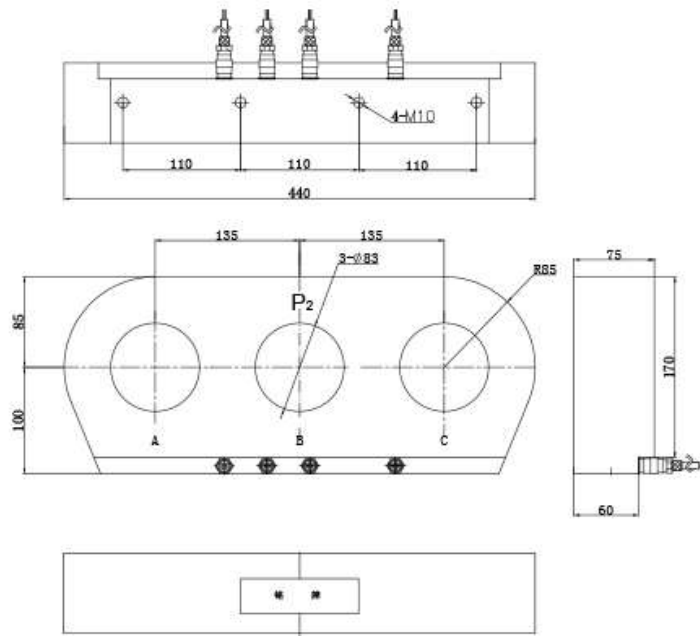
Ambient temperature	40 °C—70 °C	Altitude temperature	≤3000 m
Daily average temperature	≤40 °C	Daily average temperature	90%

## Technical parameters

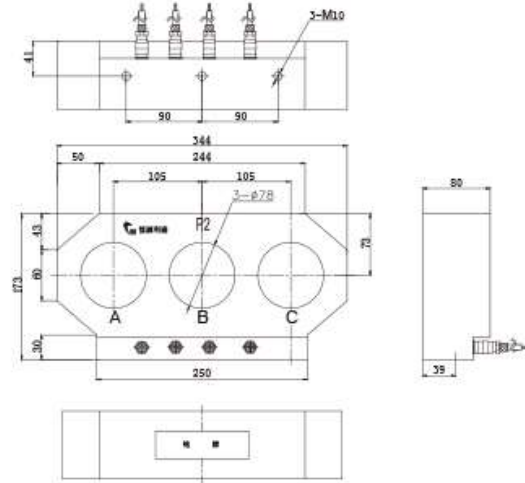
Voltage level	10 kV	Rated frequency	50 Hz
Power frequency withstand voltage	3 kV/1min	Short-time withstand current	40 kA/1s

Phase current transformer				
Rated primary current		20-1000 A	Rated secondary output	0.15V, 0.225V, 1V, 4V
Accuracy level	Measuring	0.2S, 0.2, 0.5	Load impedance	$\geq 20 \text{ k}\Omega$
	Protection	5P, 10P		
Zero-sequence current transformer				
Rated primary current		20 A	Rated secondary output	0.2 V
Accuracy level		Class I;III	Load impedance	$\geq 20 \text{ k}\Omega$
Executive standard		IEC60044-8 , GB/T20840.8		

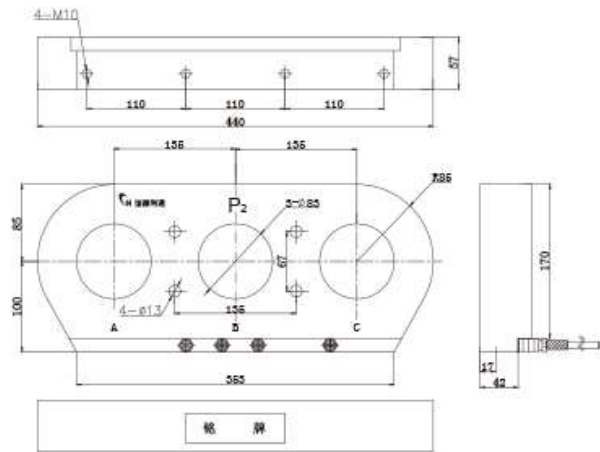
## Outline drawing



**Type A**



**Type B**



**Type C**