

Low Voltage Distribution

UTCT

Outdoor epoxy resin insulated

Current transformer

PRODUCT CATALOGUE



Description

UTCT is used for power systems with the max. voltage 0.75kV and frequency of 50 or 60Hz. The product is made of outdoor epoxy resin, which can be used outdoors directly. The secondary junction box adopts a sealed design, which will be waterproof suitable for long-term outdoor use. The secondary box cover is equipped with stainless steel lead seal screws. The secondary cable can output from top of CT.

The interior of the product adopts an amorphous alloy core, the inner hole directly passes through the cable, and the secondary winding adopts high-purity enameled copper wire. The product can also be directly designed for cable outlet without a secondary junction box, preventing users from tampering with the secondary wiring.

The maximum primary current of the product is 1000A, and the secondary current can be customized to 1A or 5A. The product accuracy can achieve IEC standard 0.15 S level and ANSI standard 0.15 level. Capacity can be designed to a maximum of 20VA.

It also can be made by ERCT, high accuracy, extended range, to meet 0.15 class from 1% to rating factor.

Products meet with international standard ANSI C57.13 standard,

Service environment

- Air temperature: Maximum temperature: +70℃; Minimum temperature: -20℃
- Humidity: Monthly average humidity 95%; Daily average humidity 90%
- Altitude above sea level: Maximum installation altitude: 1000m.
- Ambient air not apparently polluted by corrosive and flammable gas, vapor etc
- No frequent violent shake

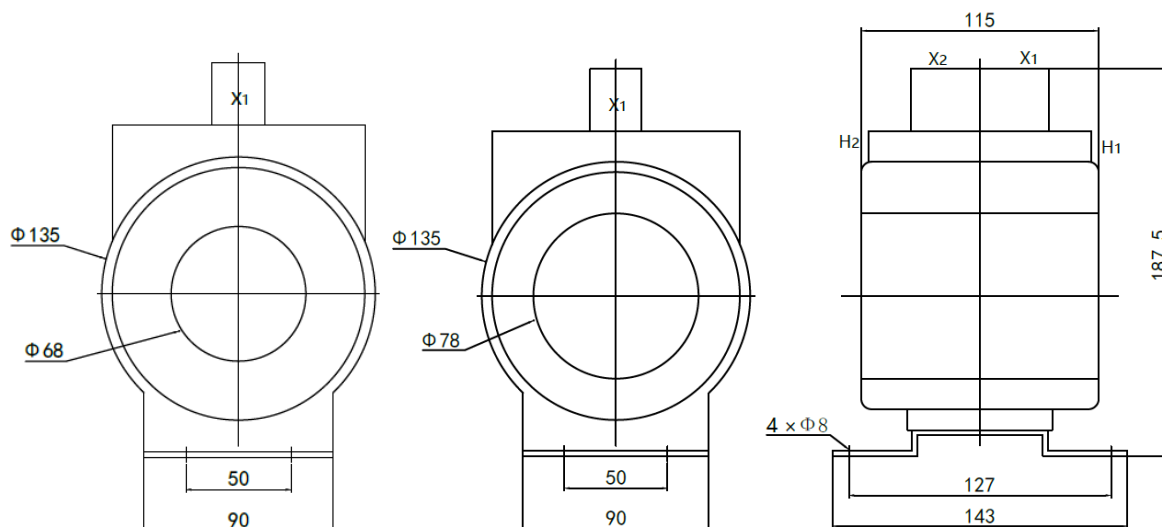
Product feature

- High quality ANTI-UV outdoor epoxy resin, meet 10 years service life.
- Amorphous alloy core for CT, meet high standard accuracy class.
- Round window suitable for cable.
- Rated voltage Max to 750V
- Primary current from 5A to 1000A
- Accuracy class CT to 0.15S
- Meet IEC and ANSI standard

Technical data for current transformer

Rated primary current (A)	Accuracy classes combination	Accuracy class and output (VA)	
		0.15	0.3
5	0.15 0.3 0.6	B-0.1 B-0.2 B-0.5	B-0.1 B-0.2 B-0.5
10			
15			
20			
25			
30			
40			
50			
75			
100			
150			
200			
300			
400			
500			
600			
800			
1000			

Outline dimension



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