

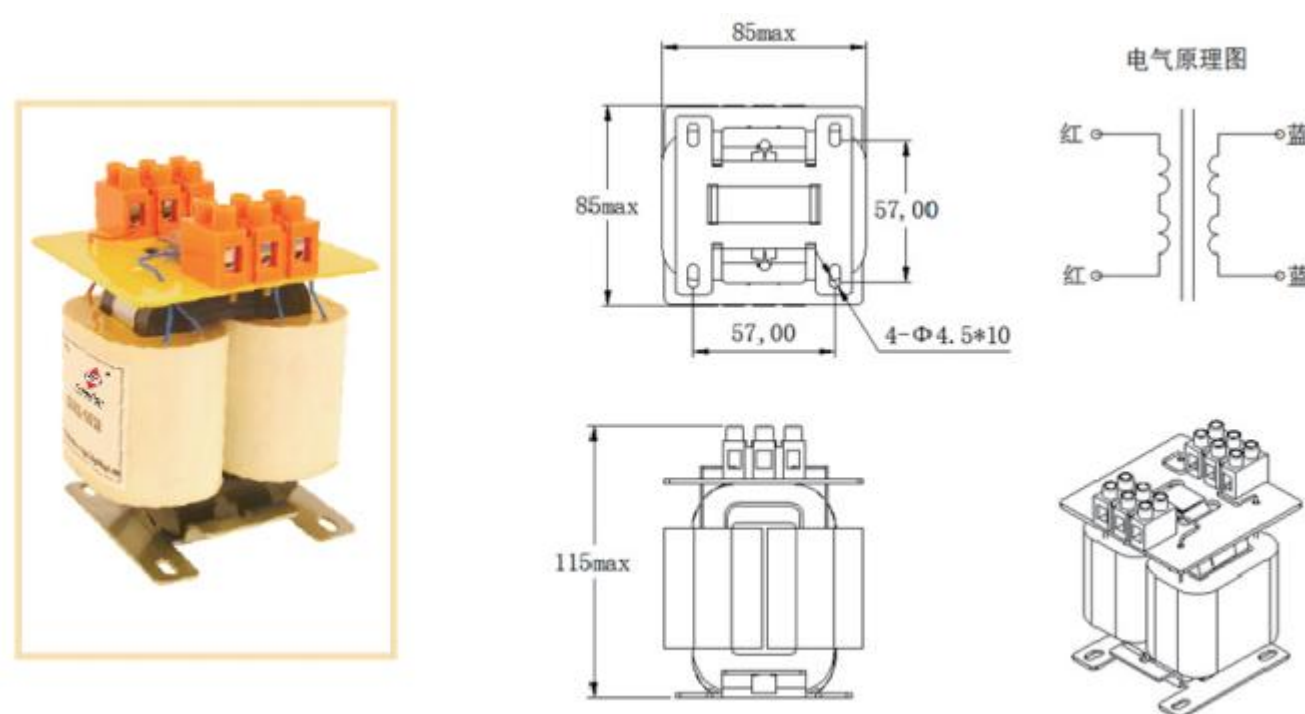
CD1632-50 isolation transformer specification

1. Product application:

This series of transformers are single-phase transformers designed for high input voltage applications and have good electromagnetic properties. The product adopts terminal leading, and the insulation treatment is vacuum dip paint and end seal treatment, so that the reliability and service life of the product are improved.



2. Dimensions



3. Parameters

Item	Parameters		
	CD1632-5011A	CD1632-5012A	CD1632-5013A
Primary side voltage	1000V/50Hz	750V/50Hz	500V/50Hz
Secondary side voltage	100V		
Maximum Capacity	50VA		
Insulation resistance	$\geq 100\text{M}\Omega$ (DC1000V)		
Electric Strength	Primary side and secondary side to the ground: AC3000V/50Hz/60s/1min, $I_0 \leq 5\text{mA}$ Primary side to secondary side: AC3000V/50Hz/60s, $I_0 \leq 5\text{mA}$		
Insulation endurance class	B Class		
Type of cooling	Dry self-cooling		
Temperature rise	$\leq 50\text{K}$ (environment temperature 45°C)		

4. Product use environment

4.1 Working environment temperature: $-5-45^\circ\text{C}$

4.2 Storage Temperature: $-20-45^\circ\text{C}$

4.3 Working relative humidity: $\leq 90\%$, Non-congealing cream.

4.4 Working altitude: 2000m below

5. Product standards

5.1 IEC60076-11: 2016 dry transformer

5.2 GB/T1094.11-2007 Dry type transformer

6. Precautions for installation and use

6.1 Check whether the air cooling facilities are good before reactor operation;

6.2 Before operation of the reactor, check the connection bolts, whether the mounting bolts are tight, and whether there are foreign objects on the reactor;

6.3 During the reactor maintenance, it is forbidden to change the core air gap and winding position;

6.4 Reactor core and metal structural parts should be reliably connected to the ground.