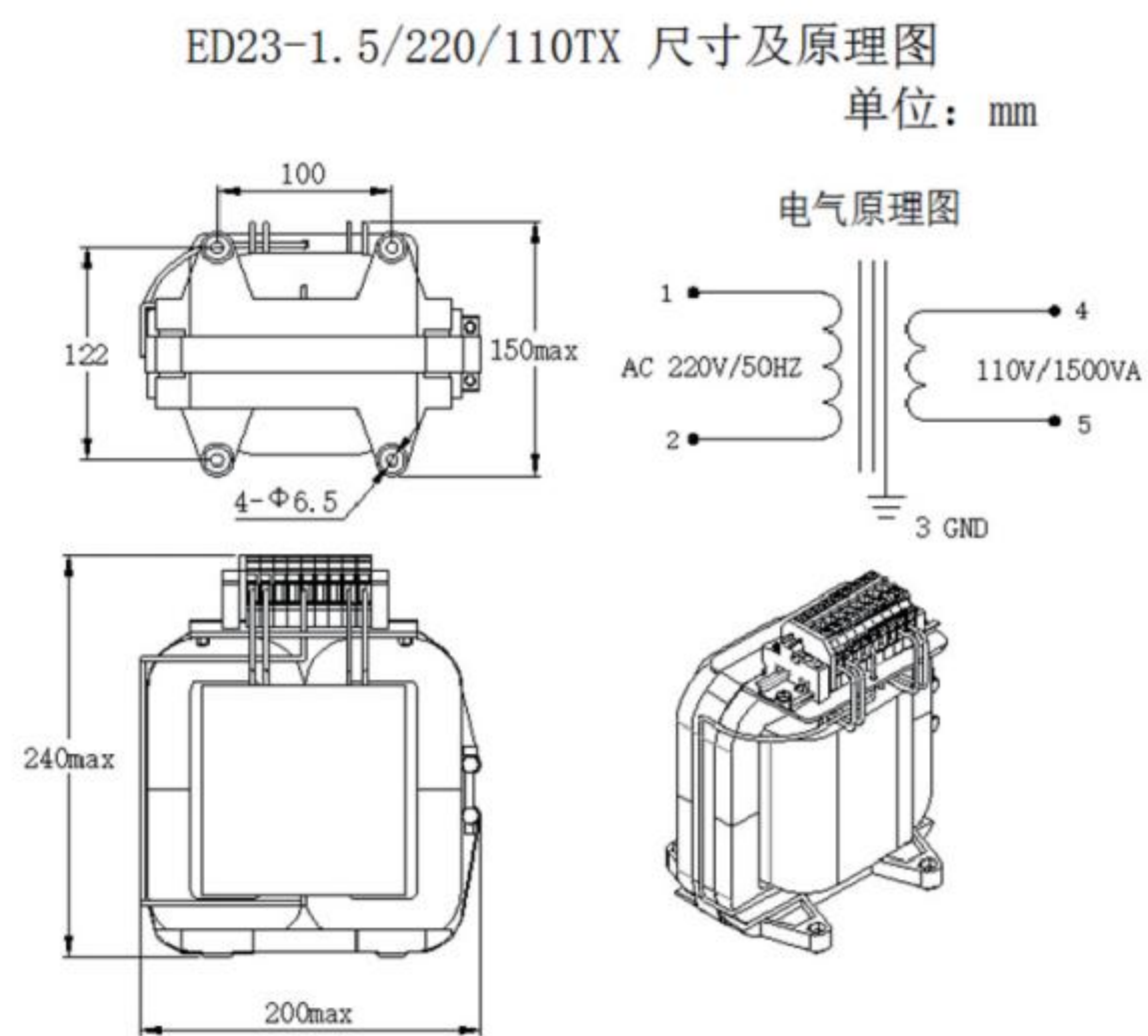


ED23-1.5220110TX Lightning protection transformer description

1. Product application:

This transformer is a lightning-proof transformer, which mainly supplies power to signal interlocking cabinets in railway stations

2. Dimensions



3. Parameters

Item	Parameters
Primary side voltage	AC220V/50Hz
Secondary side voltage	115V(no-load)
Capacity	1500VA(Maximum load1200VA)
No load current	$\leq 300\text{mA}$
No load consumption	$\leq 15\text{W}$
Voltage regulation	$\leq 5\%$
Insulation resistance	$\geq 1000\text{M}\Omega(\text{DC}500\text{V})$
Electric Strength	Primary side to the ground: AC5000V/50Hz/60s/1min, $I_0 \leq 5\text{mA}$ Secondary side to the ground: AC5000V/50Hz/60s, $I_0 \leq 5\text{mA}$ Primary side to secondary side: AC5000V/50Hz/60s, $I_0 \leq 5\text{mA}$
Insulation endurance class	B Class
Type of cooling	Dry self-cooling
Temperature rise	$\leq 50\text{K}(\text{environment temperature } 45^\circ\text{C})$

4. Product use environment

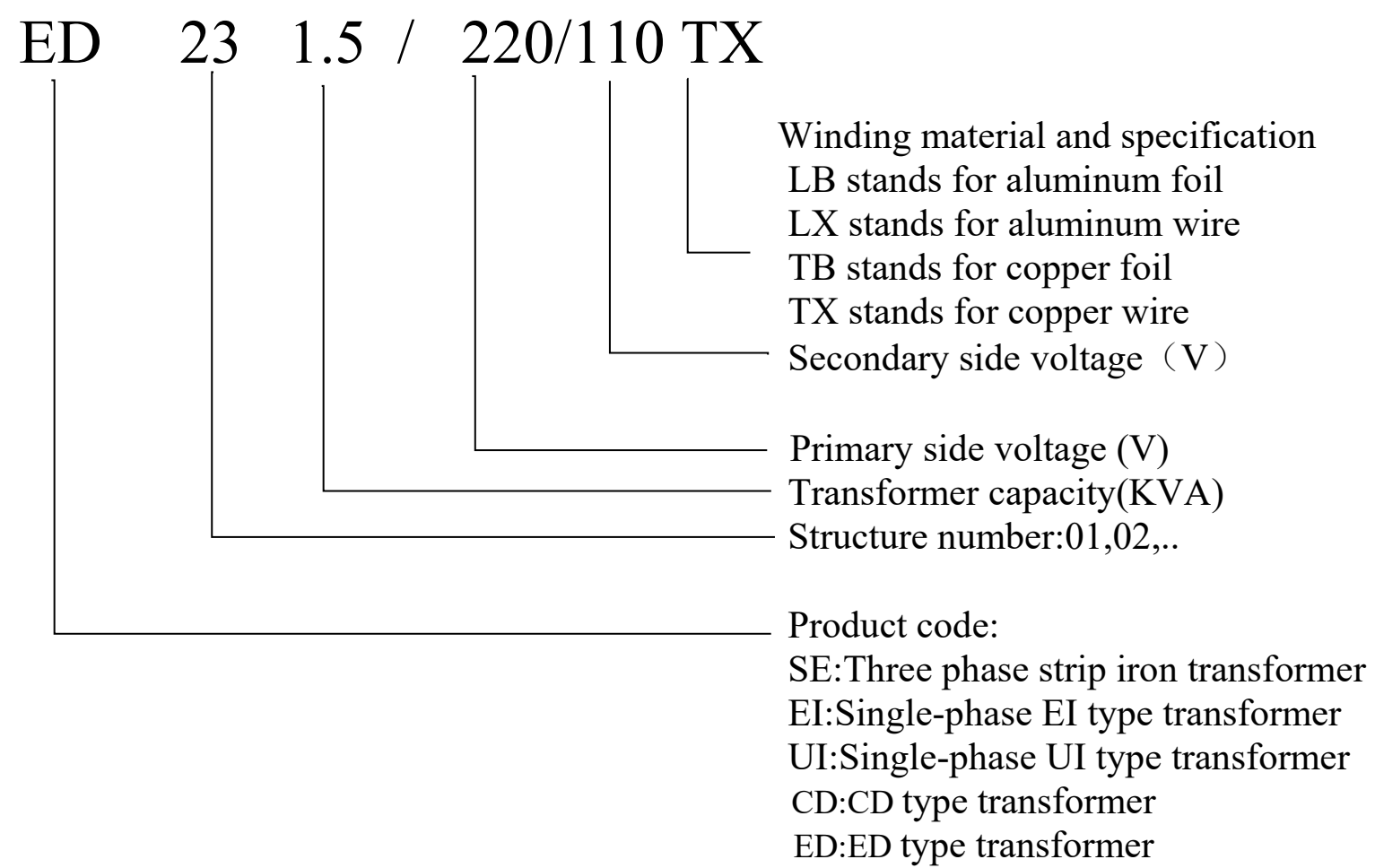
- 4.1 Working environment temperature: $-5-45^\circ\text{C}$
- 4.2 Storage Temperature: $-5-45^\circ\text{C}$
- 4.3 Working relative humidity: $\leq 90\%$ ($@40^\circ\text{C}$)
- 4.4 Working altitude: 2000m below



5. Product standards

- 5.1 IEC60076-11: 2016 dry transformer
- 5.2 GB/T1094.11-2007 Dry type transformer

6. Naming rule



7. Precautions for installation and use

- 7.1 Check whether the air cooling facilities are good before reactor operation;
- 7.2 Before operation of the reactor, check the connection bolts, whether the mounting bolts are tight, and whether there are foreign objects on the reactor;
- 7.3 During the reactor maintenance, it is forbidden to change the core air gap and winding position;
- 7.4 Reactor core and metal structural parts should be reliably connected to the ground.