

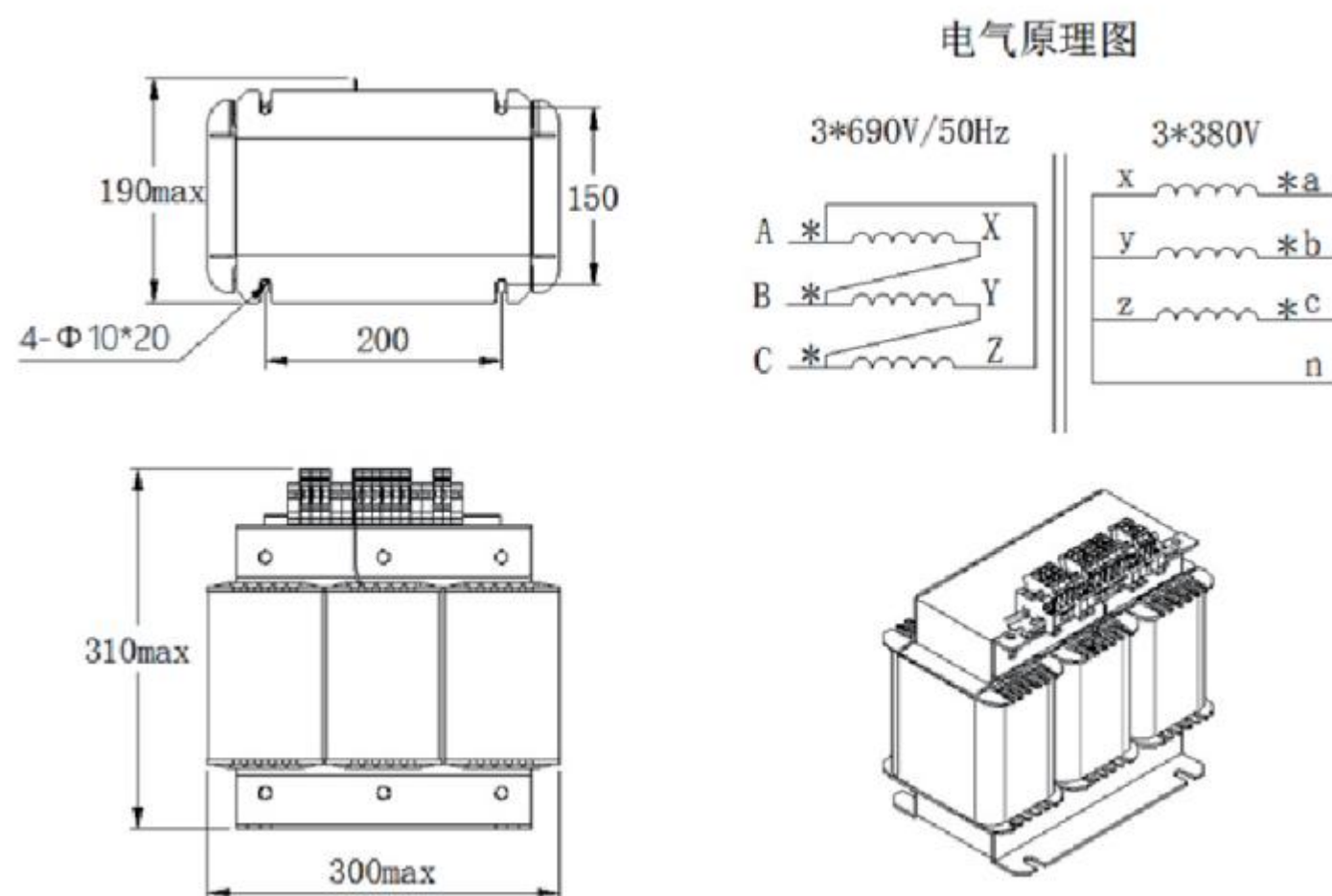
SE17-3690380LX three-phase isolation transformer description

1. Product application:

The transformer is used as auxiliary power supply for the wind power converter, and mainly supplies power to the control circuit, cooling device and control switch in the converter.



2. Dimensions



3. Parameters

Item	Parameters
Primary side voltage	3*690V \pm 5%/50Hz
Secondary side voltage	3*380V
Capacity	3KVA
Mode of connection	DYN11
Unbalance of three-phase inductance	\leq 3%
Voltage regulation	\leq 2%
Overload capacity	1.1 times rated time, 1.3 times rated 1min
insulation resistance	> 100M Ω (DC1000V)
Electric Strength	Primary side to the ground: DC5000V/50Hz/60s/1min, $I_o \leq 5mA$ Primary side to secondary side: AC3500V/50Hz/60s, $I_o \leq 5mA$
Insulation endurance class	H Class
Type of cooling	Dry self-cooling
temperature rise	The highest temperature rise $\leq 90K$ (ambient temperature 65°C)
Overtemperature protection	1pcs160°C normally closed temperature switch is placed in each phase and connected to the terminal station in series
Anti-corrosion grade	C4-M can be used in highly corrosive areas such as at sea

4. Product use environment

4.1 Working environment temperature: -40-65°C

4.2 Storage Temperature: -40-65°C

4.3 Working relative humidity: 10-95%, no condensation cream

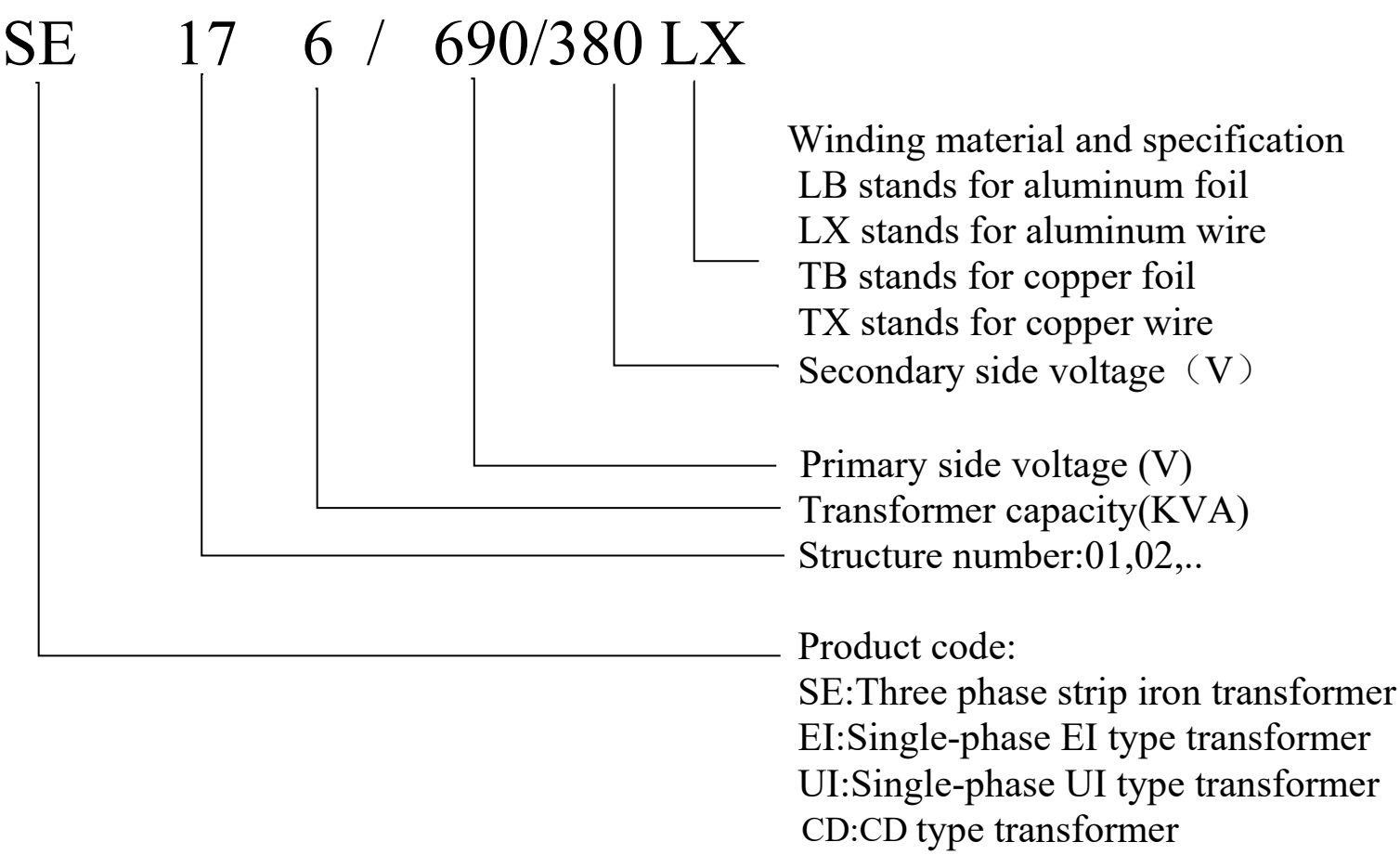
4.4 Working altitude: 2000m below

5. Product standards

5.1 IEC60076-11:2016 dry transformer

5.2 GB/T1094.11-2007 dry 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.