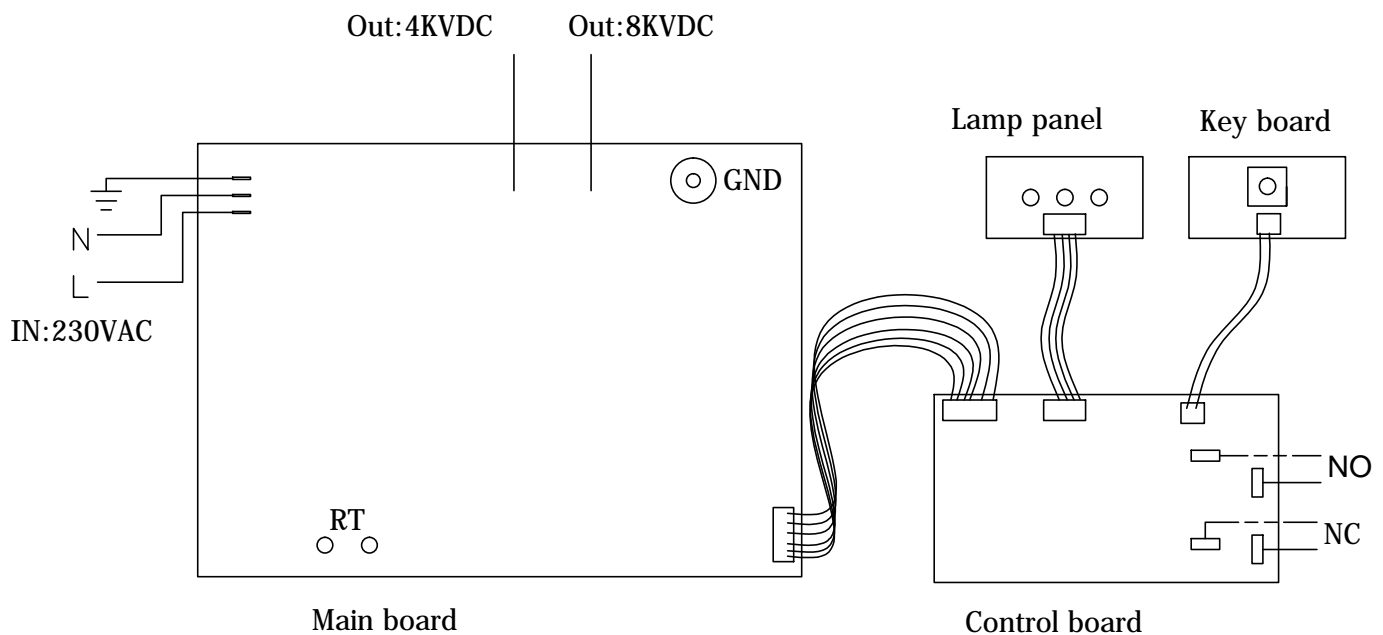


# Wiring diagram of 25W/50W high-voltage power supply



Function description:

1. Out: 8KVDC discharge tungsten wire connected to electrostatic filter screen;
2. Out: 4KVDC positive dust collecting plate connected to electrostatic filter screen;
3. The shell of electrostatic filter screen must be grounded;
4. GND on the main board must be grounded;
5. When the electrostatic filter screen works normally, the green light on the lamp panel is on;
6. When the electrostatic filter needs to be cleaned, the yellow light on the lamp panel is on;
7. When the electrostatic filter screen is not working or short-circuited, the red light on the lamp panel will be on;
9. After cleaning the electrostatic filter screen, you need to press the switch button on the key board once, and the device will enter the next work cycle, and the yellow light will be on again after 3600 hours; (The output voltage may be adjusted automatically according to the amount of dust accumulation. When the voltage is reduced to a certain range, the yellow light will be on automatically, but the program needs to be modified to achieve this)
10. When the electrostatic filter screen is abnormal and does not work, NO and NC change;
11. The pneumatic sensor can be added optionally.