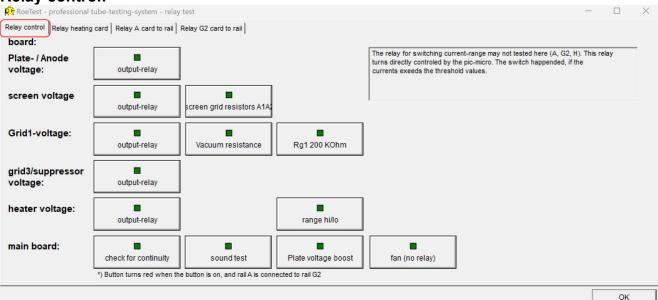
RoeTest - Computer Tube Tester / Tube Measuring Device (c) - Helmut Weigl www.roehrentest.de

Options - Relays:

Used for testing the relays on the main board, the anode, G1, G2, G3 and heater boards.

The relays for switching the measure ranges of heater current, anode current and G2 current cannot be tested using this mask. Those relays are directly controlled by the Pic and not by the PC software.

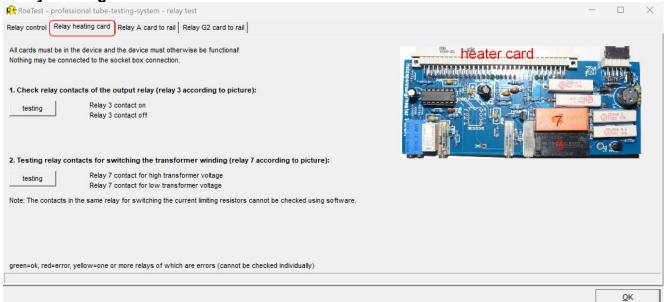
Relay control:



Here you can check whether the relays are switching. When switching on/off you should hear the corresponding relay click.

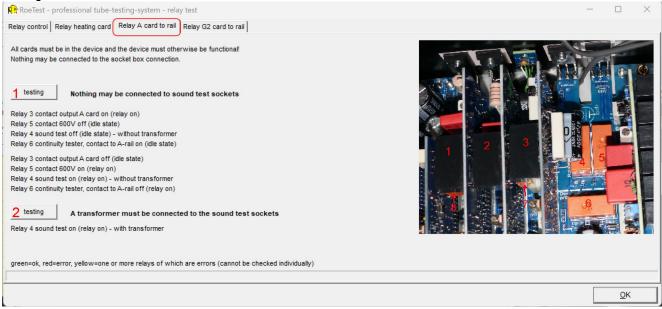
Continuity tester test (on main board): If the <check for continuity> button is switched on and you connect the relay rails A+G2, the button should light up red.

Relay heating card:



Testing the relay contacts of the output relay and the relay contacts for switching the transformer winding. The relay contacts for switching the current limiting resistors cannot be checked with software.

Relay A card to rail:



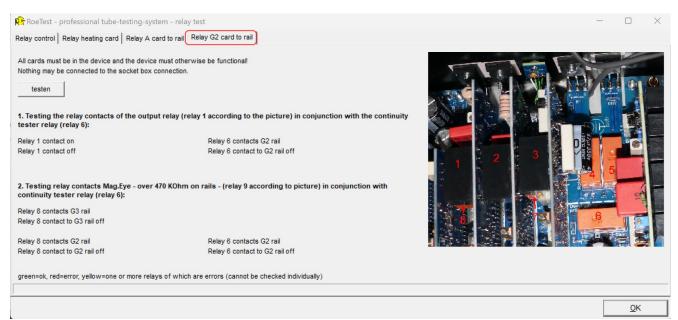
1 Test relay contacts of the A card to the rail

The 'on' contacts of relays 3,4,5,6 can only be tested together. If one of these relays has no contact, all 4 relays are displayed as faulty. The switch-off contact can be checked for each relay. Special feature: No transformer may be connected to the sound test sockets.

2 test relay 4, sound test, switch-on contact

A transformer must be connected.

Relay G2 card to rail:



The 'on' contacts of relays 1 and 6 can only be tested together. If one of these relays has no contact, all 2 relays are displayed as faulty. The switch-off contact can be checked for each relay.