

The invention relates to the measuring engineering and radio electronics and may be used for high-precision reproduction of impedances of any type with the possibility of independent adjustment of the module and phase of the reproduced impedance.

Summary of the invention consists in that the impedance converter, containing an operational amplifier with two inputs, two two-pole networks and two contacts, the first two-pole network being connected with one pole to the output of the operational amplifier, and with the second pole to the first input thereof and to the first contact, the second two-pole network being connected with one pole to the second input of the operational amplifier, and with the second pole to the earth wire and to the second contact, is additionally provided with an amplifier, a phase inverter and a differential amplifier connected with one input to the output of the operational amplifier, with the second input to the second input of the operational amplifier and to the output of the phase inverter, and with the output to the input of the amplifier, the output of which is connected to the input of the phase inverter.

Claims: 2

Fig.: 1