

a 2010 0044

The invention relates to the field of electrical measurements and can be used for measurement of alternating current voltages and study of pulse voltages.

The high-voltage divider comprises a high-voltage arm and a resistive screen, made in the form of cylindrical resistor columns, connected in series, at the same time the high-voltage arm is located coaxially in the resistive screen, located in a grounded common metal screen, made in the form of a cone, with the possibility of mutual axial displacement, and a low-voltage arm. The first lead of the high-voltage arm is connected to the high potential, and the second lead is connected to the first lead of the low-voltage arm, the second lead of which is grounded. The point of connection of the high-voltage arm to the low-voltage arm is connected through a voltage follower to the output of the resistive screen, forming the output lead of the voltage divider.

Claims: 3

Fig.: 1