

The invention relates to the field of power engineering, namely to devices for output control of the voltage phase shift relative to the input voltage.

The phase-regulating reversible transformer with thyristor control contains an excitation transformer, the high-voltage windings of which are delta connected, as well as a phase-shifting transformer, the centre taps of the high-voltage windings of which are connected to the connection taps of the high-voltage windings of the excitation transformer. The low-voltage windings of the excitation and phase-shifting transformers are divided into two equal parts, the first part of the low-voltage windings of the excitation transformer is connected in series to the second part of the low-voltage windings of the phase-shifting transformer, and the first part of the low-voltage windings of the phase-shifting transformer is also connected in series to the second part of the low-voltage windings of the excitation transformer; the resulting branches are connected in parallel, at the same time, to the common connection taps of the low-voltage windings there are connected electronic power commutators.

Claims: 1

Fig.: 2