

The invention relates to the field of power engineering, namely to devices regulating the output voltage phase shift about the input voltage.

The reversible phase-regulating device includes an excitation transformer, the high-voltage windings of which are connected in a delta, and a phase-shifting transformer, the midpoints of the high-voltage windings of which are connected to the connection points 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, the first part of the low-voltage windings of which is connected in series to the second part of the low-voltage windings of the excitation transformer, and the resulting ramifications are connected in parallel. The electronic power switches are connected to the common connection points of the low-voltage windings.

The result of the invention consists in providing the pair wise neutral earthing of the common connection points in accordance with the control mode, realizing the given state of the device.

Claims: 1

Fig.: 2