

The invention relates to the field of electric power engineering and can be used to control active power fluxes in branches of transport and distribution electrical networks.

The three-phase transformer phase regulator is formed by two three-phase systems of primary (1, 2, 3) and secondary (4, 5, 6) working windings, as well as a three-phase system of regulating windings (7, 8, 9) with grounded movable contacts (10, 11, 12) of an under load switching mechanism, comprising a double two-position three-phase switch (16) for changing the direction of regulation of the phase-shift angle. In the first position (*a*) of the double switch (16) the starts of the primary windings (1, 2, 3) of each phase are connected through the corresponding switching contacts to the starts of the secondary windings (4, 5, 6), lagging in phase sequence, and the common point of connection of each such pair of windings to the end of the regulating winding (7, 8, 9) of the third phase, different in name from the first two, forming each pair. In the second position (*b*) of the double switch (16) the points of connection of the starts of similar primary (1, 2, 3) and secondary (4, 5, 6) windings change places.

Claims: 1

Fig.: 2

