

The proposed method for protecting a voltage transformer against damage as a result of ferroresonance processes in an earthed neutral electric network consists in connecting a load-limiting resistor to the additional secondary winding of the transformer, concurrently with disconnecting the load by the protection circuit, if short-circuit at the buses of the transformer occurs. The proposed device for protecting a voltage transformer contains a load switch, a capacitive voltage divider, which is connected in parallel to the load switch, a quick-break switch, a current-limiting resistor, a relay protection circuit for protection against short-circuit at the transformer buses, and an actuator. The current-limiting resistor and the actuator are connected to the corresponding output terminals of the quick-break switch. The output terminals of the load switch are connected to the input terminals of the quick-break switch. The output terminals of the actuator are connected to the relay protection circuit.