

A transformer-reactor protection device with booster and regulating transformers which comprises a booster regulating transformer with primary windings in line phases and secondary windings with blank leads, an excitation regulating transformer with supply windings connected according star with the neutral available for connection and supply regulating windings, a number of secondary winding leads is connected to switching devices of regulating supply transformer windings, blank leads are connected to leads of supply regulating windings by metallic shunts. Additionally, it comprises a transformer-reactor protection device, supply windings of the regulating transformer serve as primary windings of the said device, a compensating reactor with the secondary winding open-triangle connected and connected by leads in parallel to the reactor, a reactor switching device connected to the ground loop via a grounding switch or via an adjustable active resistance, interphase switches connected to line voltages between alternating phases via in series connected supply winding of the regulating transformer, first of which is connected to reactor inputs and winding leads, second – to the reactor switching device.