

A three-phase transformer comprising a magnetic system from amorphous alloy containing from four or multiple of four number of twisted O-like elements of rectangular section forming horizontal and vertical cores, and bars for installation of inner and outer windings with spacers, at that between joint surfaces of the O-like elements plates are installed which are made from mechanically strength material for example from low-magnetic steel. At that packs of insulating rods are placed between face ends of the plates and inner winding surface and between the vertical cores and outer winding surfaces.