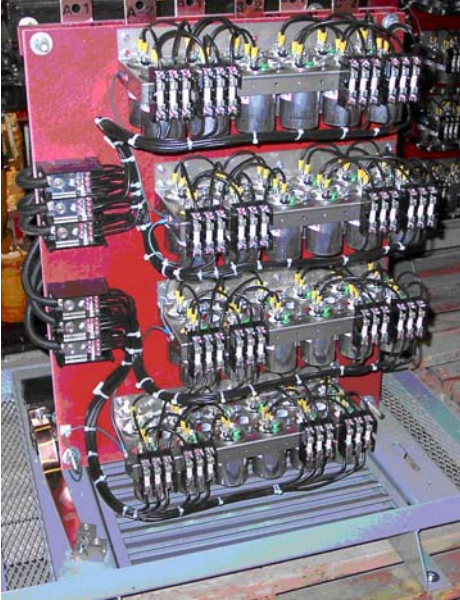


5.11. UNIVERSAL FILTERS OF HIGHER HARMONICS OF THE CURRENT



Reliable, economical passive filters for the throughput power from 5 to 1500 kW are offered, which allow to suppress the higher harmonics of current, which are generated to the network, by more than 10 times, and thereby ensure high quality of voltage on the buses of switchgears and high-quality power supply to consumers.

Advantages:

- filters are compatible with electric (stand-by) generators, since they have a low capacitive reactance (<15%) even at low loads;
- do not require any additional adjustment to work with electric drives of different firms;
- do not resonate with other components of the power supply system;
- support all European standards and GOST13109 (ГОСТ13109) CIS, concerning the shape distortion of the curve for voltage and current.

If necessary, the filters can be equipped with special devices that limit the voltage in operating modes that are close to idling.

They are recommended for the installation in enterprises with powerful consumers with a variety of high-tech complexes.