

MITSUBISHI promises delivery of large shunt reactors with low vibration

Mitsubishi has built 46 units of 500kV 50MVA and 33.33MVA single-phase shunt reactors for Brazil. These are constructed with an air core and a magnetic shield which give the advantage of excellent low vibration. Since 1963, Mitsubishi has produced a number of these shunt reactors, including two 275kV 150MVA reactors for Tokyo Electric Power Co. Japan, one 236kV 125KVA reactor for BCHPA, Canada and four 16kV 80MVA reactors for Argentina, and these have earned a good reputation for quiet and trouble-free operation.



50MVA $\frac{500}{\sqrt{3}}$ kV single phase shunt reactor
for CHESF, Brazil

MAGNETIC SHIELD STRUCTURE

Mitsubishi air core reactor has a magnetic shield stacked with silicon steel sheet fastened by the end frames.

This structure resembles, in its components, a shell-form transformers except that there is no core leg.

