

Automatic HV capacitor banks

High voltage automatic capacitor banks are designed for applications where the power levels in the HV network are variable. This type of equipment, with a number of steps normally between 2 and 4 to avoid phenomena in the installation resulting from the connection and disconnection of capacitors in the network, is controlled by a regulator, which delays and regulates the entry of the stages according to the load levels, taking into account the waiting time of the HV that between consecutive connections is 600 s., this time can be reduced to less than 10 s if we install fast discharge P.T.

These banks are equipped with :

- Metal casing.
- APR fuses with melting indicator (depending on the network voltage).
- Vacuum contactor or SF6 / SF6 circuit breaker (depending on the mains voltage).
- Switching current limiting reactors.
- Three-phase or single-phase AT capacitors with internal fuses (depending on the mains voltage).
- Control panel including reactive energy regulator, signalling and switching.

Power range

- From 50kvar per step up to the requested power.
- Maximum insulation voltage up to 36 kV.



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