SHUNT REACTORS

In some cases using inductive energy producing shunt reactors might be a necessity

These type of reactors are mainly used in places with long power transmission and distribution lines. Especially for supplying telecomunication stations in urban areas like radio, GSM and TV transmitters with electricity, long overland cables must be used. These cables have a capacitive characteristic at longer distances. This capacitive characteristic causes the system to become overcompensated. This results in penalties in electricity bills because of high capacitive demand. Furthermore this capacitive characteristic causes the line voltage to increase and may damage sensitive equipment connected to it.

This problem can also surface in large campuses, farmlands etc.

The solution for this problem is loading the system inductively with shunt reactors. these reactors can be used single or three phased. They will utilize necessary inductive load for the system to stop overcompensation.

APPLICATION AREAS:

- Telecomunication stations in urban areas like radio, GSM and TV transmitters.
- Places with large area like campuses and farmlands.
- Inductive load test systems.

ELEKTRA SHUNT REACTORS

ELEKTRA shunt reactors are high quality reactors designed to be used in inductive load systems. These reactors are compatible with european standards and are CE marked.

TEKNİK ÖZELLİKLERİ:

- Single or three phase, high permeable iron core, air gapped design
- High quality copper or aluminium windings
- Design according to customer specs
- Thermal Switch for overload protection at each leg
- Terminal block, bar or cable connection depending on current value
- Vacuum impregnated varnish to ensure silent and moisture-immune operation
- CE sign and compatibility with EN 61558 2-20
- Manufactured under ISO 9000 quality management

VALUES TO BE SPECIFIED FOR CUSTOM SHUNT REACTORS

- Line Voltage
- Amount of Phases
- Rated Current or Rated Power
- Voltage distortion amount.