

Rectifier Transformers



TAMINI
ENERGY TRANSFORMERS

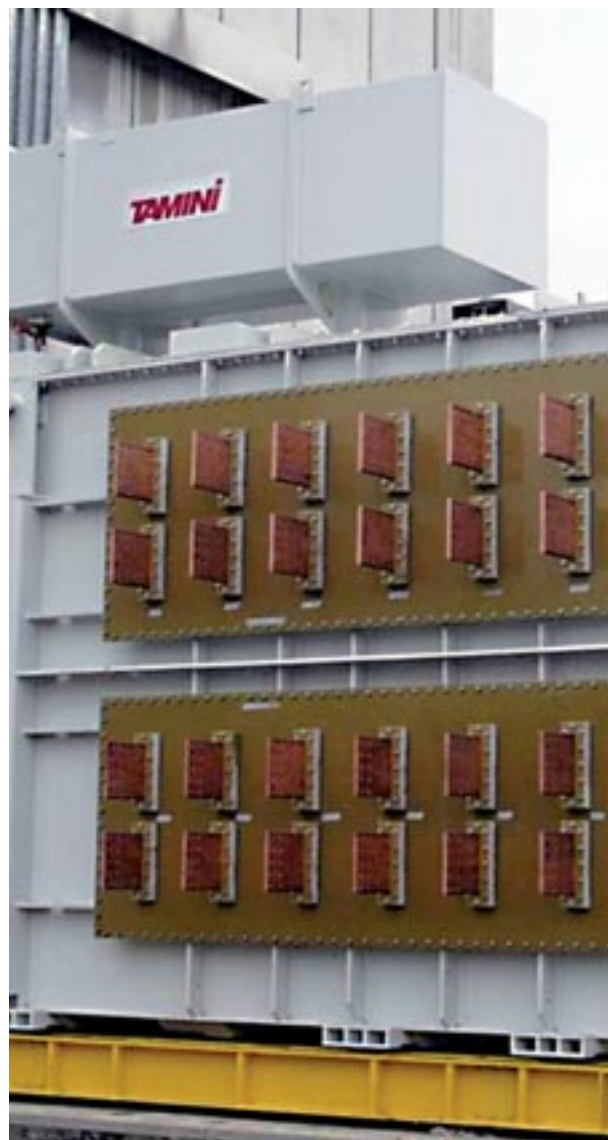
TRANSFORMERS FOR AC/DC CONVERSION SYSTEMS:
ELECTROCHEMICAL PLANTS/SECTORS,
ALUMINIUM SMELTERS, METAL REFINING, MOTOR DRIVER,
OIL AND GAS REFINING, RAILWAY TRACTION

Industrial Line

OVERVIEW

Rectifier Transformers face high operating currents combined with a huge amount of harmonic content due to the distorted waveform caused by the semiconductor converters connected to the transformer.

Typical applications are for: DC arc furnaces, electrolysis, scrap melting furnaces, aluminum smelter, graphitising furnaces, traction substations, metal refining and inverters for variable speed drives.



Several solutions can be provided according to the rectifier features and the end-user need. Rectifier transformer is often coupled with components as regulating transformers (or autotransformers), saturable reactors and interphase transformers. All these components may be assembled in one or in separate tanks.

PRODUCT SCOPE

- Rated power up to 140MVA
- L.V. current up to 150 kA