

AC / DC Auxiliary Supply for Transformer Stations



- ➔ Excellent reliability
- ➔ „State of the art“ system
- ➔ Low maintenance required
- ➔ Complete System

These systems are designed to provide secure Power distribution especially in transformer stations.

The systems has excellent reliability and works very efficient.

The state of the art rectifier works in a controlled IU-characteristic mode based on DIN 41772.

If stepwise load change appears in a range of 10 to 90% the dynamic voltage deviation will be below 3% and corrected within max. 1,5ms.

By using a AC / DC power supply the system is able to provide secure AC power of 230Volts.

In addition by using DC/DC converter the system can also provide a secure 60V DC voltage.

All relevant electrical devices are monitored and connected to the common failure report. In addition there a several extensions available:

The system can be equipped with different kinds of various AC-distributions and automatic switch over of power sources based of priority assortment. This system can be build in a traditional way or realized by using SPS control systems.

Functions like deep discharge protection are also available.

A protection against high voltage in case of strong charge power is also an option.

The system can also provide other secured voltages like 48 volts for communication tasks if requested.