

It then generates a sine wave at 133.3 kHz (Logic "0") or 131.8 kHz (Logic "1"), which is fed to the Programmable Gain Amplifier to generate FSK modulated signals. The logic "1" frequency can also ...

At present, the low-voltage (direct supply user) sides of 220kV and 110kV urban substations all adopt 10kV voltage levels, and the rated current of 10kV low-voltage measurement of ...

Smaller and Light Weight High Frequency Transformer operating at 10 kHz used for Isolation. High voltage SiC devices will enable transformerless MV converters. This simple single stage topology ...

These drives can be operated at high fundamental frequency (500Hz to 1000Hz), which may eliminate the gear systems used for driving the compressors using electric drives.

To achieve such a compact converter, a relatively high switching frequency has to be selected, while to obtain the high efficiency, the switching losses have to be minimized by the operation of all ...

Phase angle -frequency characteristic curve of 10kV bus. From Figures 13 to 15, it can be seen that the zero points in the phase angle-frequency characteristic curve of the 35kV bus and...

For this reason, a dedicated section of this paper focuses on the analysis of the scaling laws linking the operating frequency and turns ratio of the MF transformer to this resonance frequency, where ...

The amount of current that is diverted will strongly depend on the high-frequency impedance of the connection back to the dc bus. Accordingly, the implementation of this screen is critical.

This section presents the bus frequency estimation techniques considered in this paper, namely Center of Inertia (COI), Washout Filter (WF) and Frequency Divider (FD).

The initial latency count required for a particular clock frequency is device dependent. Refer to the device data sheet to determine the correct configuration register and initial latency setting for the ...

Web: <https://busydoniemiecwaldii.pl>