



High frequency reactor for inverter

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With high efficiency, low loss and miniaturization, high frequency reactors are widely used in switching power supplies, communication equipment, high-frequency inverters and other fields to ensure stable ...

We have developed a reactor for AFE inverters with liquid cooling in our Development Center using analytical and thermal simulations for this type of enclosed space.

To address the aforementioned issues, the most effective solution is to connect a reactor in series on the power input side of the electronic equipment. The reactor can suppress harmonic ...

Line reactors help protect VFDs from utility power line disturbances that may cause un-expected tripping or damage to the VFDs. They also help reduce the harmonics that the VFD generates back into the ...

The reactors that match the inverter are generally divided into two types: AC Reactors (input reactor, output reactor) and DC reactor. In actual applications, the corresponding reactor should be selected ...

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These reactors with amorphous cores can be used for prevent from harmonics. Maximum current 150A. Stable inductance. Superior DC bias characteristics. Low loss at high frequency. Applicable to ...

We manufacture a wide range of network-side filtering reactors designed to filter the high-frequency ripple caused by the inverter's PWM, smoothing the voltage wave at its output.

By configuring high-frequency reactors, switch-mode power supplies can transmit energy more efficiently, improve power factor, and reduce no-load input power. High-frequency reactor is widely ...

Practice has proven that the proper matching of reactors and inverters can effectively prevent overvoltage and surge current caused by AC line switching operations from impacting them.

An output reactor for VFD is used to protect the motor if the wiring distance between the VFD and motor is very long. The drive generates a high-frequency PWM three-phase output and noise spikes are ...

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