High frequency inverter reactor

The main function of the three-phase output reactor is to compensate for the influence of long-line distributed capacitance and to suppress the output harmonic current, increase the output ...

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 ...

* Only 3D CAD data for the following products are available for download: Current Sensors, Gate Drivers, and Power Supply Modules. This page is High-frequency Reactors.

Inverter DC reactors reduce electrical harmonics, enhancing the quality of power delivered to sensitive equipment. By limiting inrush current, these reactors protect internal components from damage ...

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.

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 ...

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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.

This article introduced a method for measuring and analyzing high-frequency reactor loss, with reference to an actual measurement example.

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 ...

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