

输入交流电抗器 Input AC Reactor

产品简述 (Product Profile)

输入电抗器是限流设备，用于驱动器的输入侧，保护交流驱动器不受瞬态超压的影响。有降低浪涌和峰值电流，提高真实功率因数，抑制电网谐波，改善输入电流波形的作用。

In application at AC drive input side to suppress inrush voltage.Reduce inrush & peak current; Improve the real power factor;Restrain the grid harmonics;Improve the input current waveform.



产品特点 (Product Features)

采用了高性能的箔式绕组结构,具有直流电阻小,抗短路能力强,短时间过载能力强;采用高性能的F级以上的复合绝缘材料,使产品在严酷的工作条件下依然可以保持可靠的性能;电抗器设计磁通密度低，线性度好，过载能力强，配合真空压力浸渍工艺电抗器噪音小;铁芯采用优质低损耗冷轧取向硅钢片,电抗器损耗小,效率高，温升低。

Excellent property due to foil winding structure,small DC resistance, the resistance to electromagnetic force ability is strong, good overload ability in short time ; Fclass insulation materials are used ,so that products can maintain reliable performance in harsh working conditions;Designed with low magnetic flux density , the reactor is of high linearity, powerful overload capacity . Moreover, combined with VPI process ,the reactor noise is low;Core with grain-oriented cold-rolled silicon steel sheets ,the reactor boasts high efficiency ,low temperature rise and low loss.

产品参数 (Product Parameters)

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| 1、额定工作电压：380V/690V 50Hz | 1、Rated Operating Power：380V/690V 50Hz |
| 2、额定工作电流：5A至1600A | 2、Rated operating current：5A to 1600A |
| 3、工作环境温度：40℃ | 3、Working conditon the temperture of working condtion：40℃ |
| 4、抗电强度：铁芯-绕组 3000VAC/50Hz/5mA/10s无飞弧击穿(工厂测试) | 4、Reactive Strength：Core-Winding 3000VAC/50Hz/5mA/10S Free of arcing breakage (test in factory) |
| 5、绝缘电阻：1000VDC绝缘阻值≥100MΩ | 5、Insulation Resistance：1000VDC , insulation resistance≥100MΩ |
| 6、电抗器噪音：小于65dB（与电抗器水平距离点1米测试） | 6、Reactor'S noise is less than 65dB(to be measured at the point 1 meter away from the reactor horizontally) |
| 7、防护等级：IP00 | 7、Protection class：IP00 |
| 8、绝缘等级：F级以上 | 8、Insulation class：Above F |
| 9、产品执行标准：GB19212.1-2008，GB19212.21-2007，1094.6-2011 | 9、Standard：GB19212.1-2008，GB19212.21-2007，1094.6-2011 |