

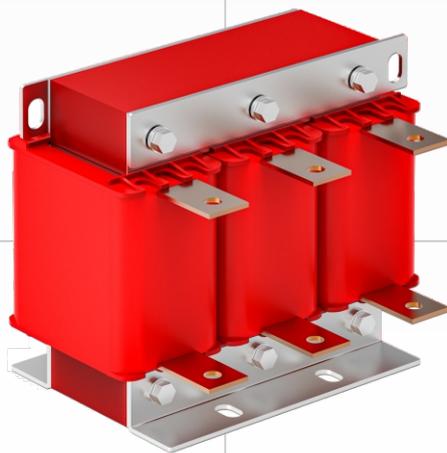
FOCUSING ON POWER QUALITY.
PROFESSION, CONCENTRATION.

DIRECT SIKES

Power Transformers / Harmonic Filter / Sine Wave Filter / EMC Filter/
Reactor / Regenerative Brake / Braking Chopper / Power Braking Resistor/
Load test for generator, electric vehicle driver, motor controller, charging
station etc.

AC Input Reactor

Whole product portfolios of power quality can be offered.



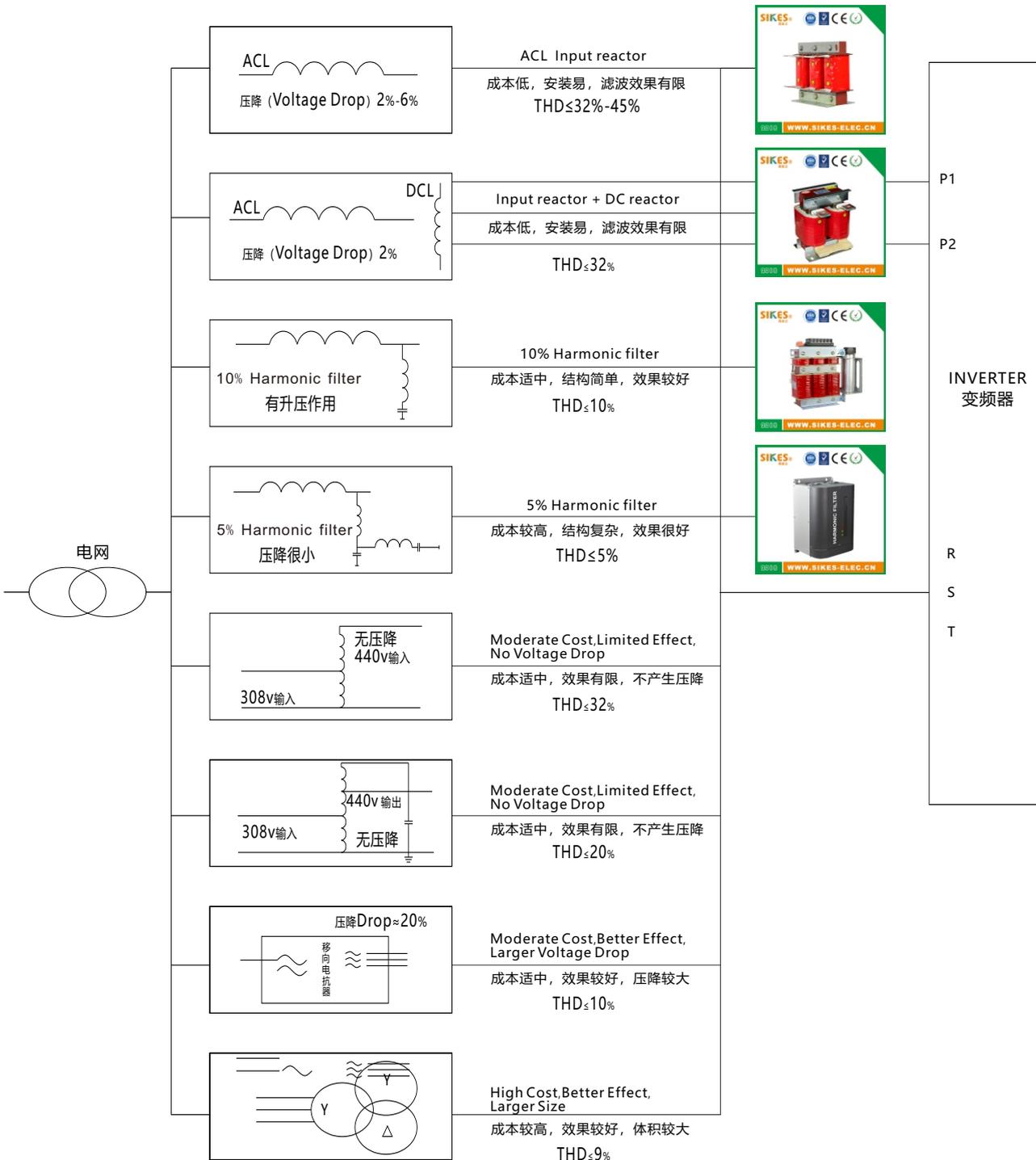
We are developing and producing in China for the world.



GUANGDONG SIKES Electric Co.,Ltd.

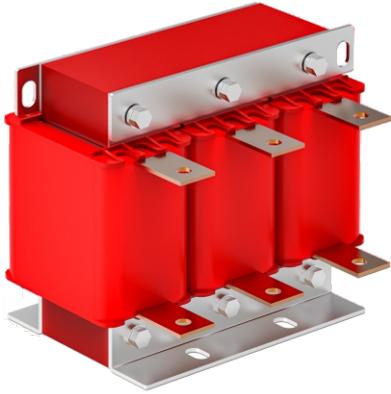
SIKES
18 YEARS OF
SUCCESS

Harmonic solution for the input side of frequency inverter 变频输入端解决方案



AC Input Reactor(Choke) 输入交流电抗器

输入交流电抗器 AC Input Reactor(Choke)



Product Profile 产品简述

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

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。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。

Product Parameters 产品参数

Rated Operating Voltage	220V 50Hz/60Hz
Operating Frequency	0~120Hz(Higher than 120Hz Need customization)
Current Range	5A to 290A
Operation Ambient Temperature	-25°C ~ 50°C
Dielectric Strength	Core-Winding, AC 3000V/50Hz/5mA in 60s free of damage(test in factory)
Insulation Resistance	Core-Winding, DC 1000V, Resistance > 100M ohm
Reactor's noise	less than 70dB(to be measured at the point 1 meter distance from the reactor horizontally)
Protection class	IP00
Insulation class	F/H
Standard	GB 19212.1-2008 GB/T 1094.6-2011

额定工作电压	220V 50Hz/60Hz
工作频率	0~120Hz (大于120Hz需定制)
额定工作电流	5A 至 290A
工作环境温度	-25°C ~ 50°C
抗电强度	铁芯-绕组 AC 3000V/50Hz/5mA, 60秒无飞弧击穿(工厂测试)
绝缘电阻	DC 1000V, 绝缘阻值 ≥ 100MΩ
电抗器噪音	< 70dB (与电抗器水平距离1米外测试)
防护等级	IP00
绝缘等级	F/H
产品执行标准	GB 19212.1-2008 GB/T1094.6-2011

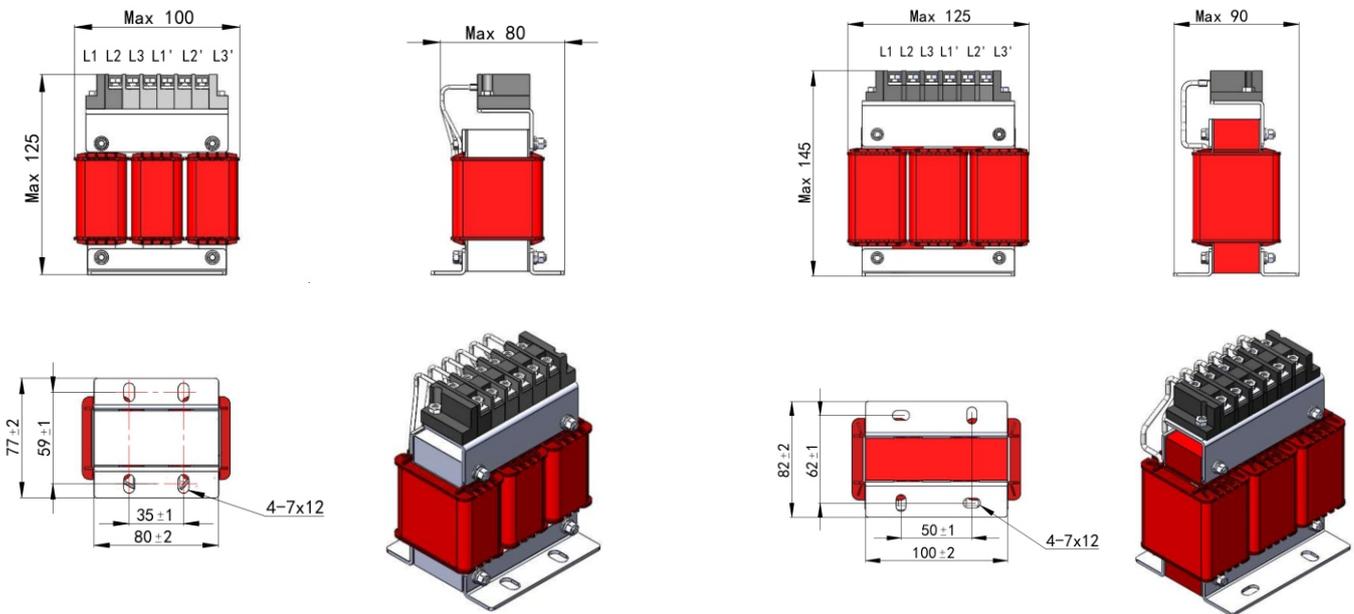
Product Features 产品特点

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

采用了高性能的箔式绕组结构，具有电流电阻小，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的噪音小；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。

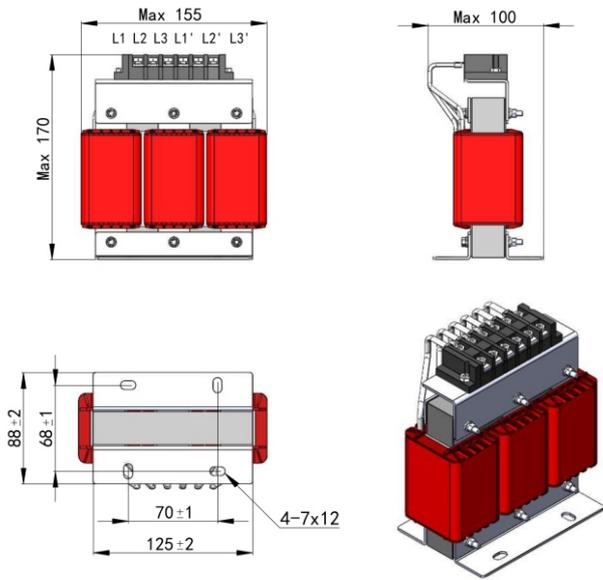
Type 电抗器型号	Power 功率(Kw)	Impedance rate	Current 电流(A)	Weight 重量(Kg)	Connection		Pic. NO. 图号
					Terminal 端子	Cu flat 铜排	
SKS-ACL-0005-CL/2-2	0.75	2%	5	1.3	√		01
SKS-ACL-0007-CL/2-2	1.1	2%	7	1.4	√		01
SKS-ACL-0010-CL/2-2	1.5	2%	10	1.5	√		01
SKS-ACL-0015-AL/2-2	2.2	2%	15	2.5	√		02
SKS-ACL-0020-AL/2-2	3.7	2%	20	2.5	√		02
SKS-ACL-0030-AL/2-2	5.5	2%	30	3.5	√		03
SKS-ACL-0040-AL/2-2	7.5	2%	40	5	√		04
SKS-ACL-0050-AL/2-2	11	2%	50	5	√		04
SKS-ACL-0060-AL/2-2	15	2%	60	6.5		√	05
SKS-ACL-0080-AL/2-2	18.5	2%	80	9		√	06
SKS-ACL-0090-AL/2-2	22	2%	90	9		√	06
SKS-ACL-0120-AL/2-2	30	2%	120	13		√	07
SKS-ACL-0150-AL/2-2	37	2%	150	15		√	08
SKS-ACL-0200-AB/2-2	45	2%	200	20		√	09
SKS-ACL-0240-AB/2-2	55	2%	240	25		√	10
SKS-ACL-0290-AB/2-2	75	2%	290	31		√	11

Product Size 产品尺寸图

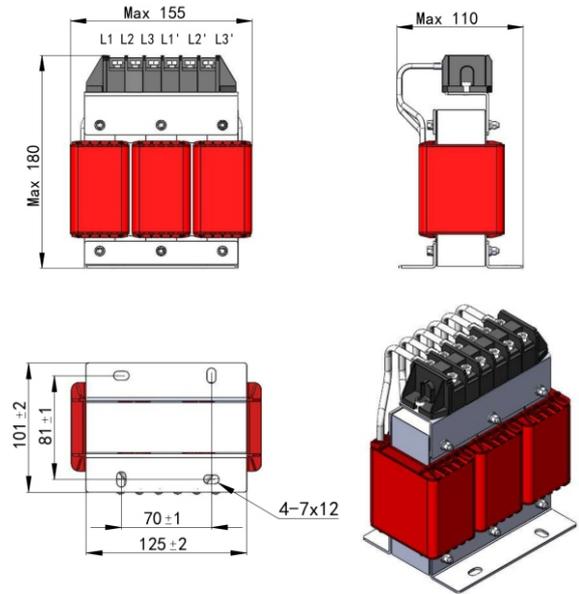


Picture 01

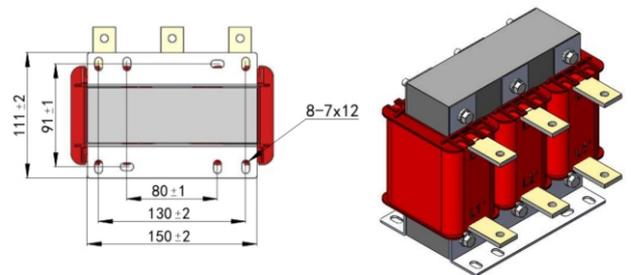
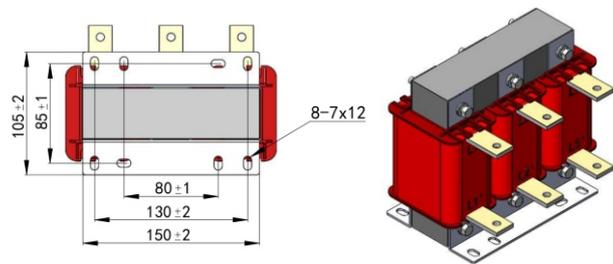
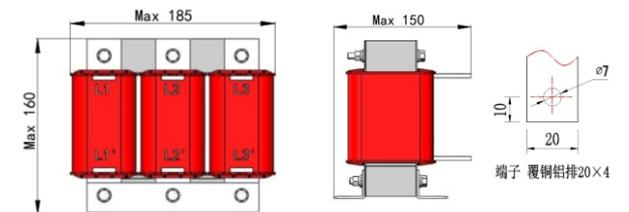
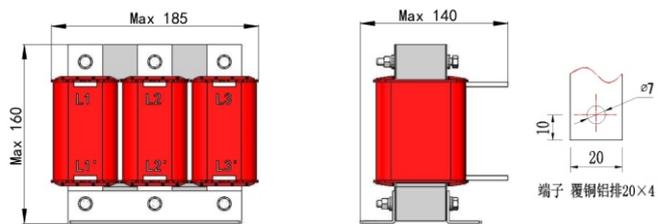
Picture 02



Picture 03

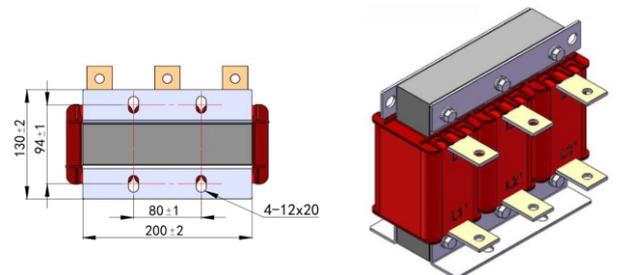
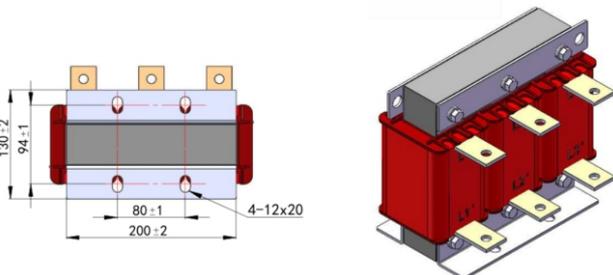
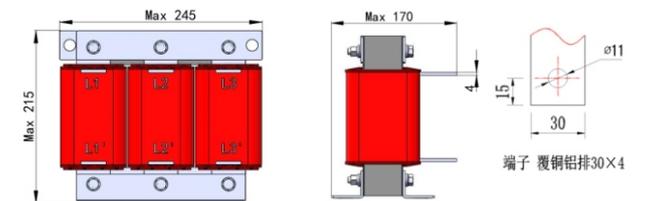
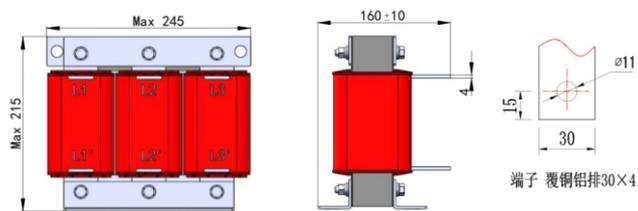


Picture 04



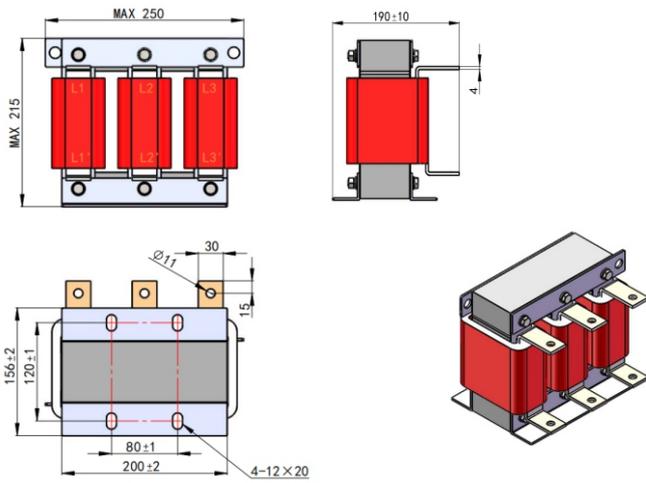
Picture 05

Picture 06

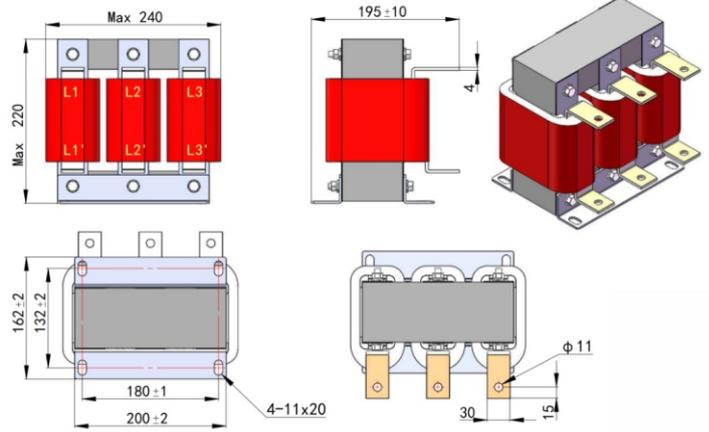


Picture 07

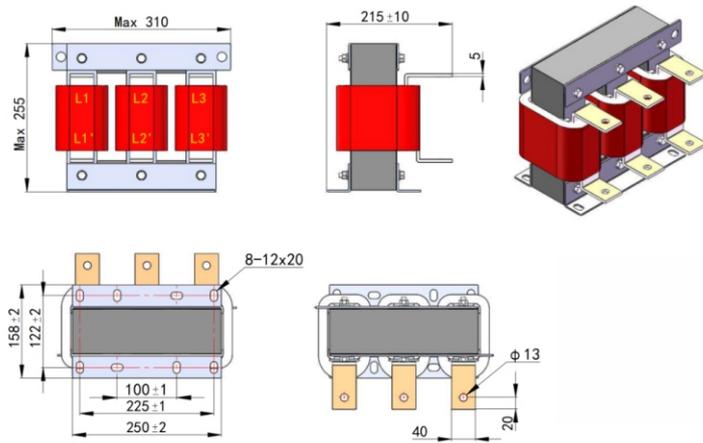
Picture 08



Picture 09



Picture 10



Picture 11