

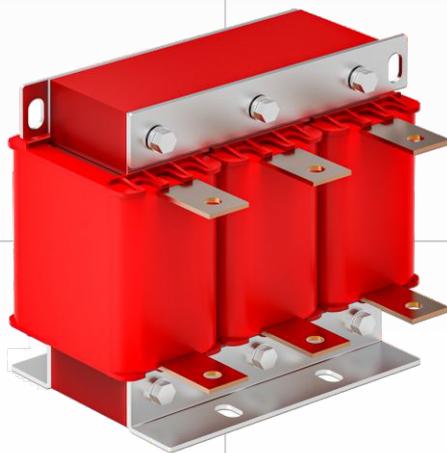
FOCUSING ON POWER QUALITY.
PROFESSION, CONCENTRATION.

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.

380V 2% AC Input Reactor

Whole product portfolios of power quality can be offered.

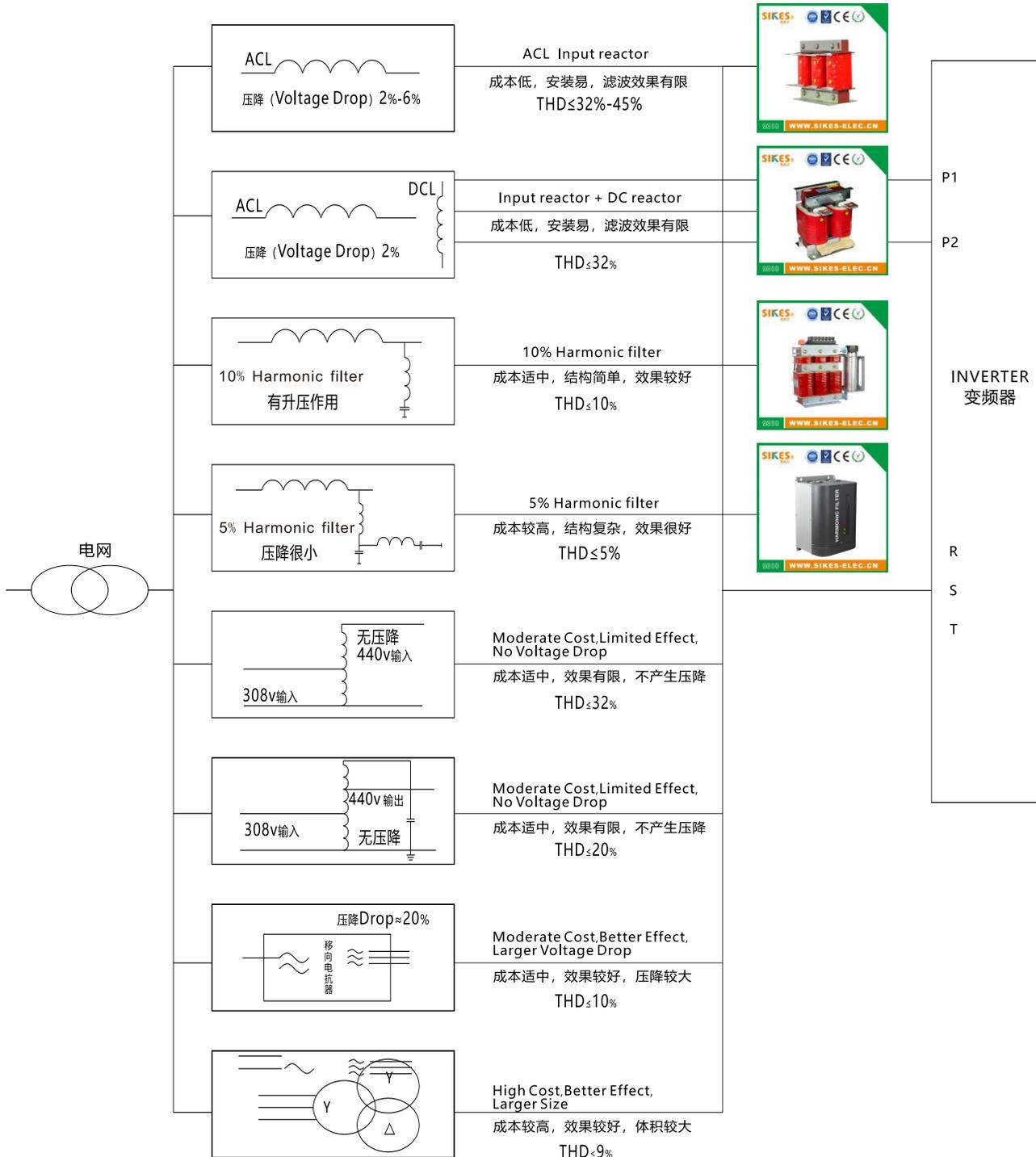


We are developing and producing in China for the world.



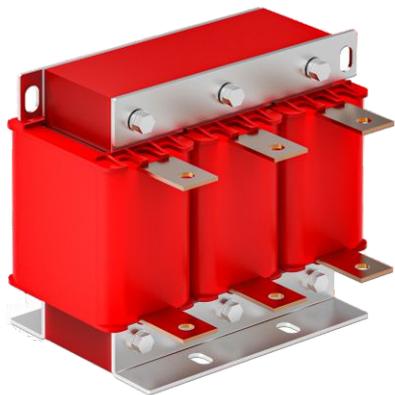
GUANGDONG SIKES Electric Co.,Ltd.

SIKES
18 YEARS OF
SUCCESS



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	380V
Operating Frequency	50/60Hz
Current Range	5A to 1600A
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 65dB(to be measured at the point 1 meter away from the reactor horizontally)
Protection class	IP00
Insulation class	H
Standard	GB 19212.1-2008 GB/T 1094.6-2011

额定工作电压	380V
工作频率	50/60Hz
额定工作电流	5A 至 1600A
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	<65dB (与电抗器水平距离1米测试)
防护等级	IP00
绝缘等级	H级
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 linearit, powerful overload sheets, the reactor boasts high efficiency, low temperature rise and low loss.

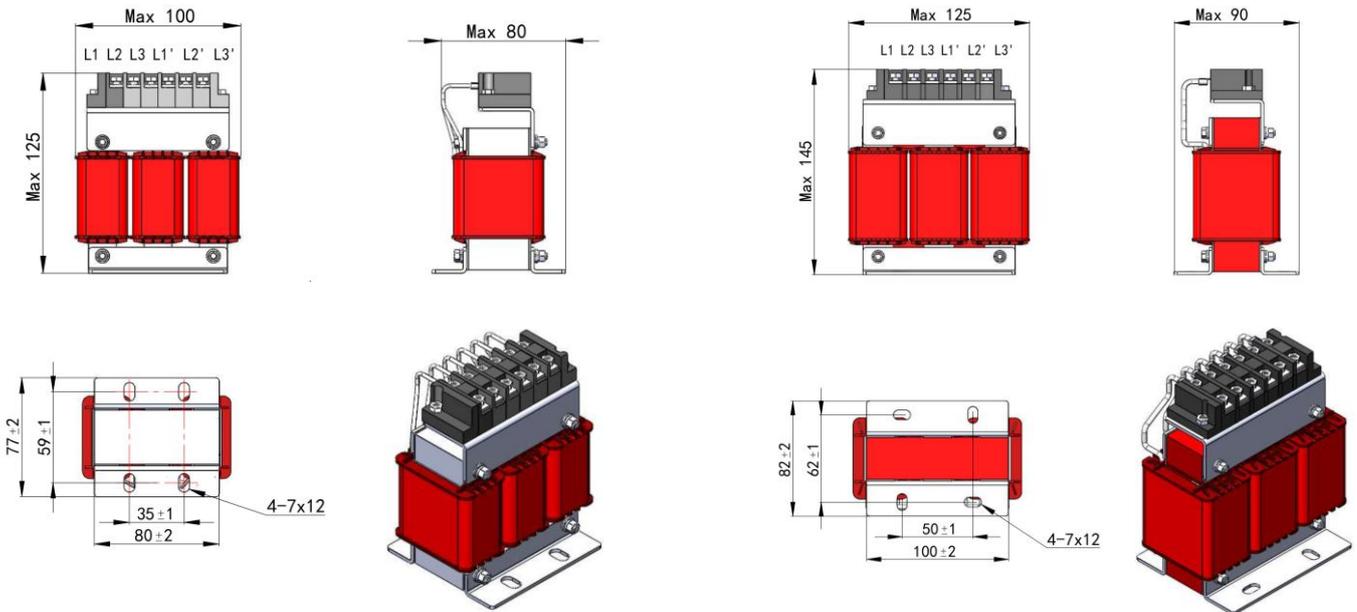
采用了高性能的箔式绕组结构，具有电流电阻小，抗短路能力强，短时间过载能力强；采用高性能的F级以上的复合绝缘材料，使产品在严酷的工作条件下依然可以保持可靠的性能；电抗器设计磁通密度低，线性度好，过载能力强，配合真空压力浸渍工艺电抗器的噪音小；铁芯采用优质低损耗冷轧取向硅钢片，电抗器损耗小，效率高，温升低。

Type 电抗器型号	Power 功率(Kw)	Inductance Value 电感量(mH)	Current 电流(A)	Weight 重量(Kg)	Connection		Pic. NO. 图号
					Terminal 端子	Cu flat 铜排	
SKS-ACL-0005-CL/4-2	1.5	2.80	5	1.3	√		01
SKS-ACL-0007-CL/4-2	2.2	2	7	1.4	√		01
SKS-ACL-0010-CL/4-2	3.7	1.4	10	1.5	√		01
SKS-ACL-0015-AL/4-2	5.5	0.93	15	2.5	√		02
SKS-ACL-0020-AL/4-2	7.5	0.70	20	2.5	√		02
SKS-ACL-0030-AL/4-2	11	0.47	30	3.5	√		03
SKS-ACL-0040-AL/4-2	15	0.35	40	5	√		04
SKS-ACL-0050-AL/4-2	18.5	0.28	50	5	√		04
SKS-ACL-0060-AL/4-2	22	0.24	60	6.5		√	05
SKS-ACL-0080-AL/4-2	30	0.17	80	9		√	06
SKS-ACL-0090-AL/4-2	37	0.16	90	9		√	06
SKS-ACL-0120-AL/4-2	45	0.12	120	13		√	07
SKS-ACL-0150-AL/4-2	55	0.095	150	15		√	08
SKS-ACL-0200-AB/4-2	75	0.07	200	20		√	09
SKS-ACL-0240-AB/4-2	90	0.056	240	25		√	10
SKS-ACL-0250-AB/4-2	110	0.056	250	25		√	10
SKS-ACL-0290-AB/4-2	132	0.048	290	31		√	11
SKS-ACL-0330-AB/4-2	160	0.042	330	32		√	11
SKS-ACL-0390-AB/4-2	187	0.036	390	42		√	12
SKS-ACL-0420-AB/4-2	200	0.033	420	42		√	12
SKS-ACL-0490-AB/4-2	220	0.028	490	45		√	12
SKS-ACL-0530-AB/4-2	250	0.026	530	42.5		√	12
SKS-ACL-0600-AB/4-2	280	0.023	600	55		√	13
SKS-ACL-0660-AB/4-2	315	0.021	660	55		√	13
SKS-ACL-0800-AB/4-2	380	0.0175	800	85		√	14
SKS-ACL-1000-AB/4-2	450	0.014	1000	85		√	14
SKS-ACL-1250-AB/4-2	550	0.011	1250	110		√	15
SKS-ACL-1600-AB/4-2	630	0.009	1600	110		√	16

Note:

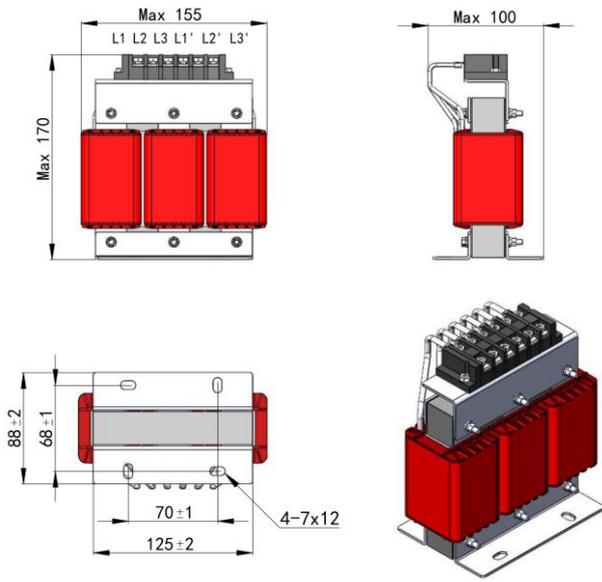
- (1) Can be customized. 以上型号为我司标准品, 其它规格可以根据客户要求定制。
- (2) Class H Can be customized. H级产品可以根据客户要求定制。

Product Size 产品尺寸图

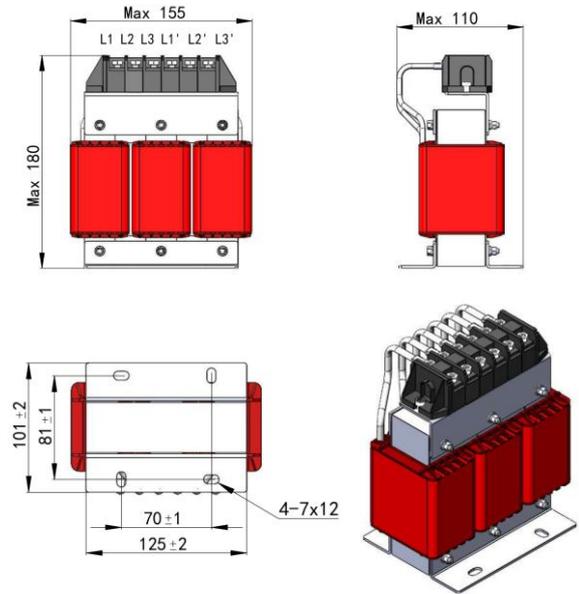


Picture 01

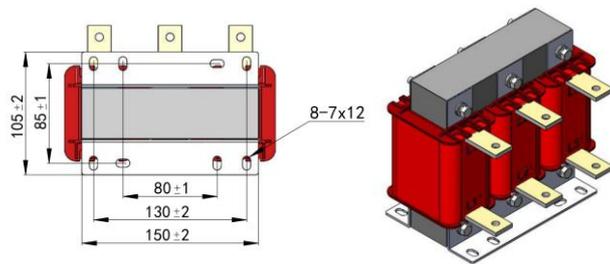
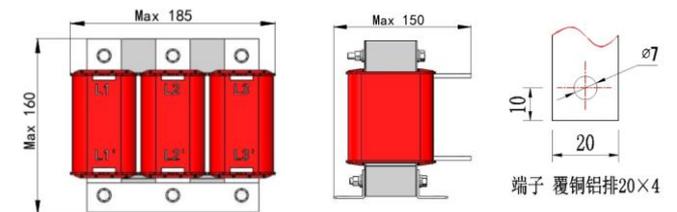
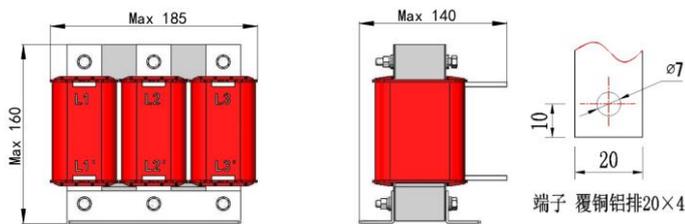
Picture 02



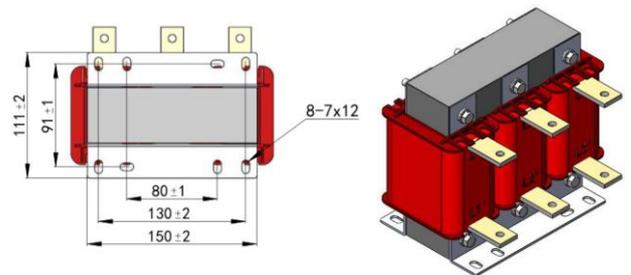
Picture 03



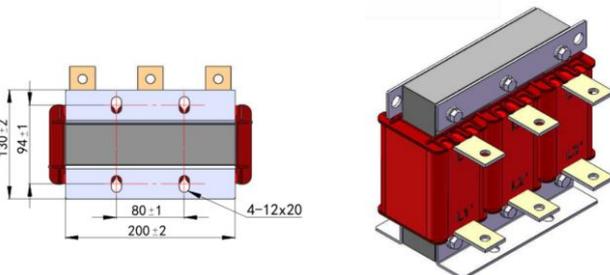
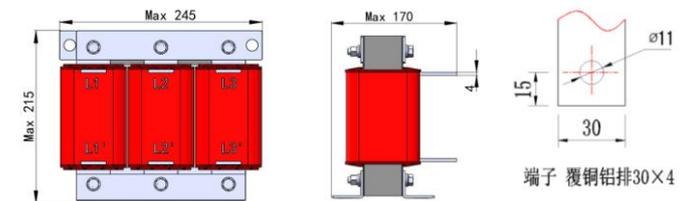
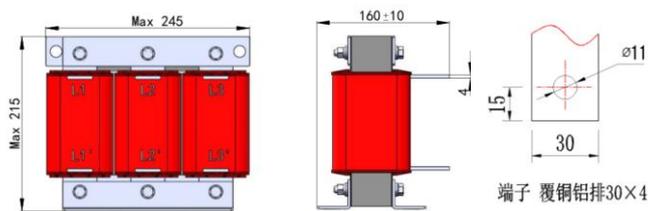
Picture 04



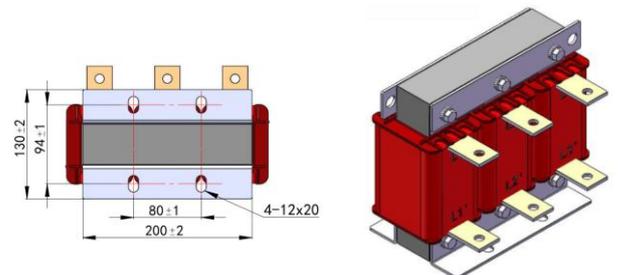
Picture 05



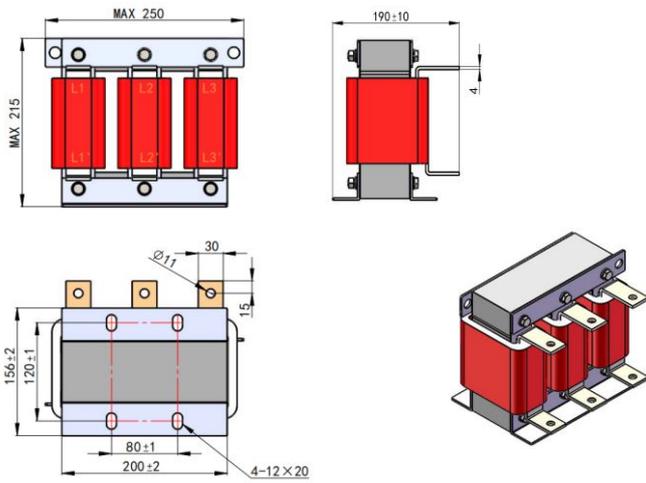
Picture 06



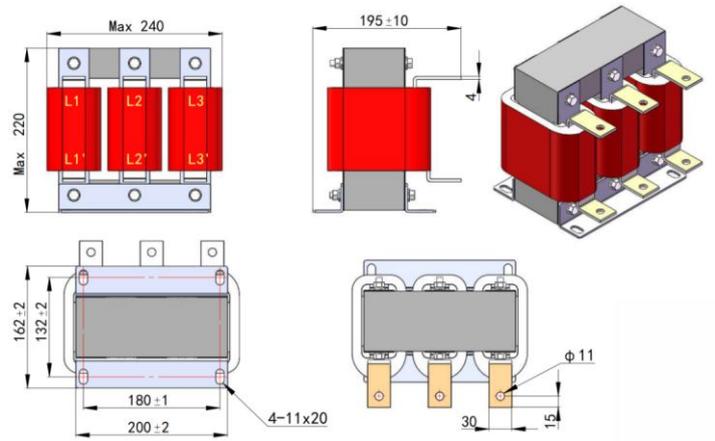
Picture 07



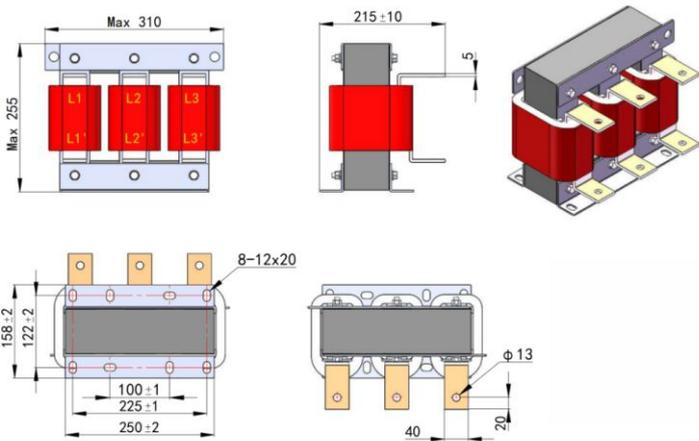
Picture 08



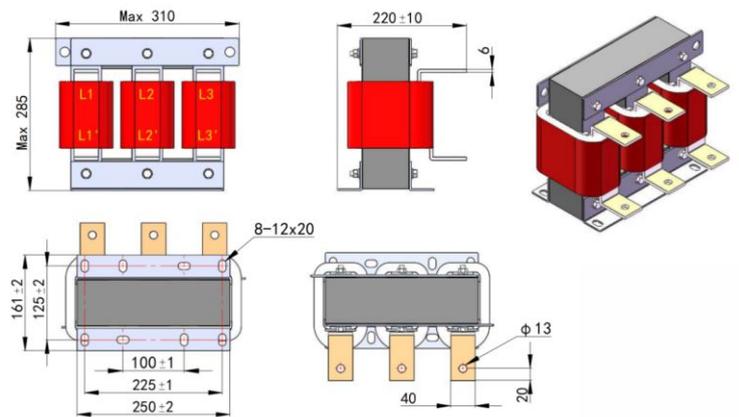
Picture 09



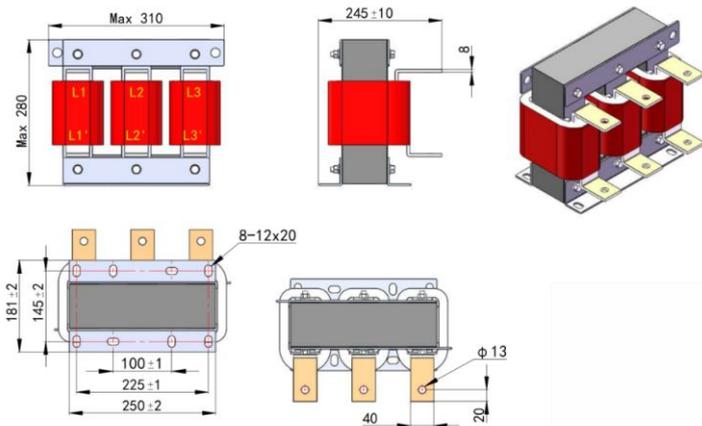
Picture 10



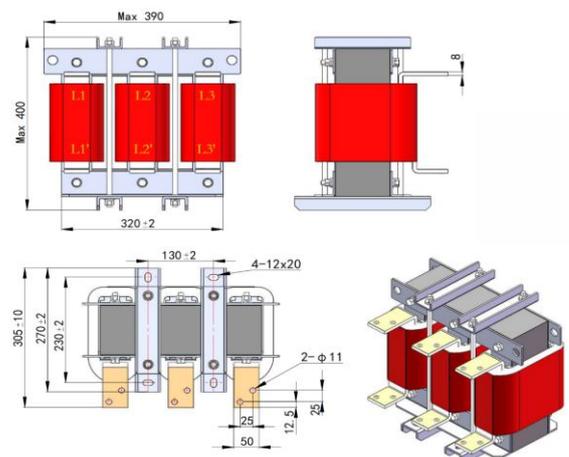
Picture 11



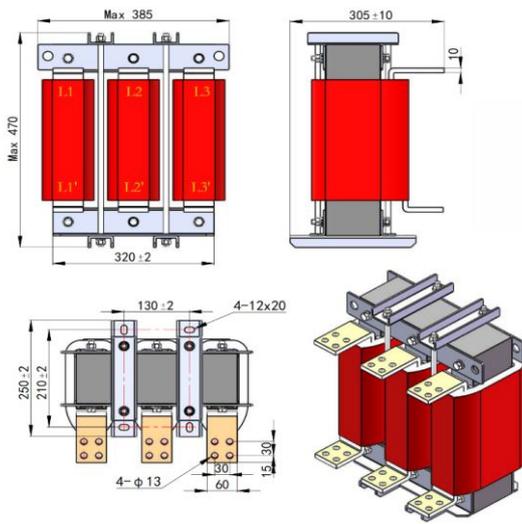
Picture 12



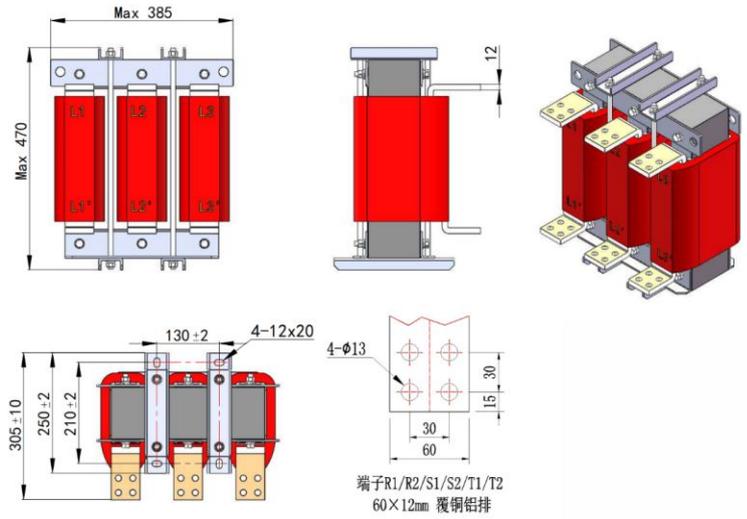
Picture 13



Picture 14



Picture 15



Picture 16