

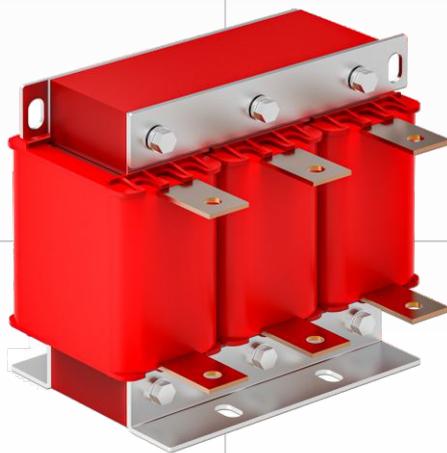
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Load test for generator, electric vehicle driver, motor controller, charging
station etc.

380V 3% AC Input Reactor

Whole product portfolios of power quality can be offered.



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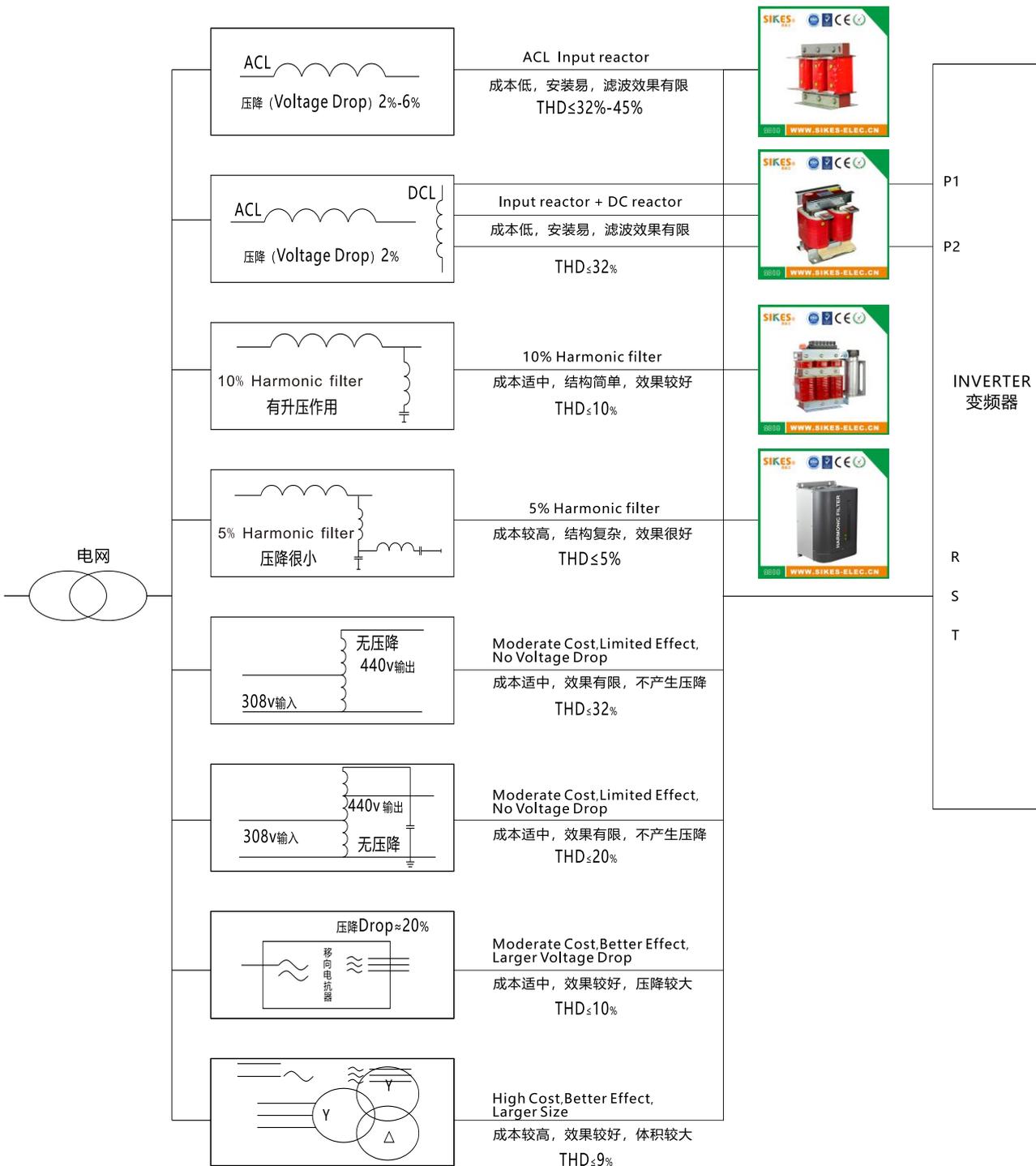


GUANGDONG SIKES Electric Co.,Ltd.

SIKES
18 YEARS OF
SUCCESS

AC Input Reactor (Choke) 输入交流电抗器

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



AC Input Reactor (3% impedance) 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 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。

Product Parameters 产品参数

Rated Operating Voltage	380V/690V/1140V 50Hz/60Hz
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	F/H
Standard	GB 19212.1-2008 GB/T 1094.6-2011

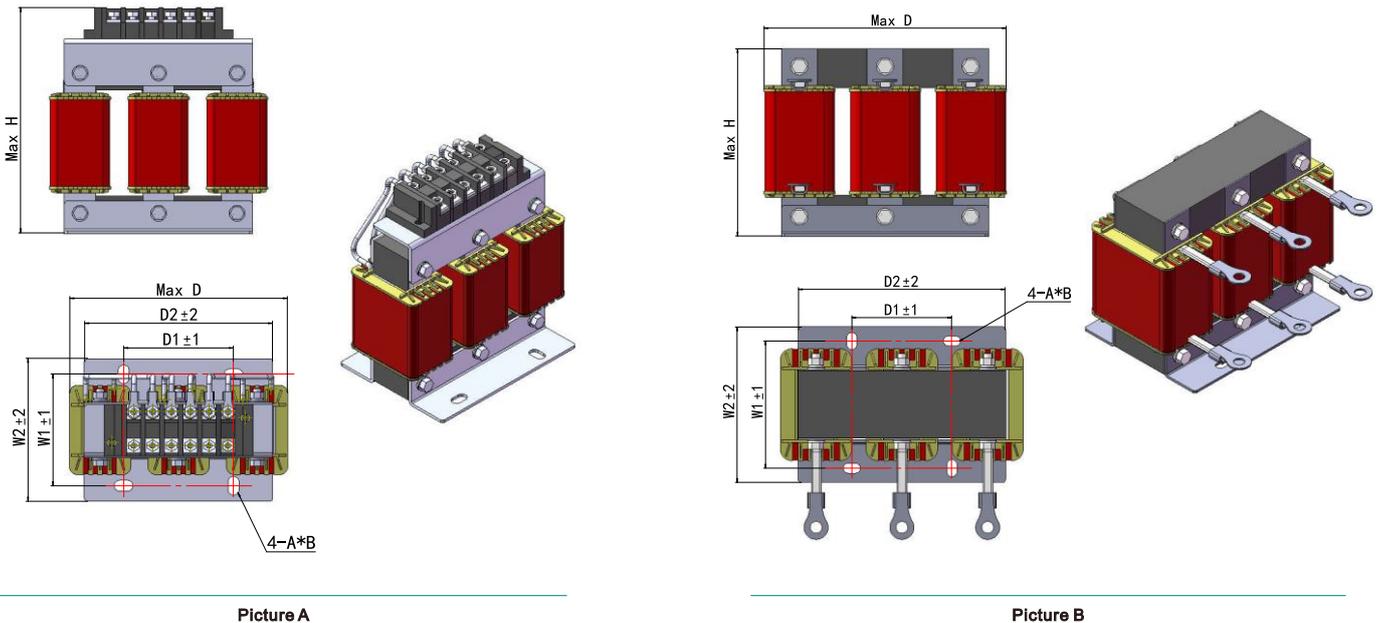
额定工作电压	380V/690V/1140V 50Hz/60Hz
工作频率	50/60Hz
额定工作电流	5A 至 1600A
工作环境温度	-25°C ~ 50°C
抗电强度	铁芯-绕组 AC 3000V/50Hz/5mA, 60秒无飞弧击穿(工厂测试)
绝缘电阻	绕组在DC 1000V测试条件下, 绝缘阻值 ≥ 100MΩ
电抗器噪音	<65dB (与电抗器水平距离1米测试)
防护等级	IP00
绝缘等级	F级/H级
产品执行标准	GB 19212.1-2008 GB/T1094.6-2011

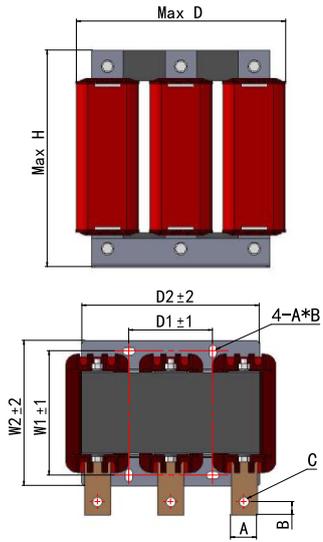
380V AC input reactor (3% impedance) selection table 380V输入电抗器 (3%电抗率) 选型表

Type 电抗器型号	Power 功率(Kw)	Inductance Value 电感量(mH)	Current 电流(A)	Weight 重量(Kg)	Dimension 尺寸(mm)								Connection		Linear aperture 线排孔径	Pic. NO. 图号
					D(Max)	D1±1	D2±2	W±10	W1±1	W2±2	H (Max)	A*B	Terminal 端子	Cu flat 铜排		
SKS-ACL-0005-AL/4-3	1.5	4.2	5	1.4	100	35	80	/	47	65	125	7x12	√		/	A
SKS-ACL-0007-AL/4-3	2.2	3	7	1.6	100	35	80	/	52	70	125	7x12	√		/	A
SKS-ACL-0010-AL/4-3	3.7	2.1	10	2.5	100	35	80	/	75	93	125	7x12	√		/	A
SKS-ACL-0015-AL/4-3	5.5	1.4	15	3	150	70	120	/	72	92	150	7x12	√		/	A
SKS-ACL-0020-AL/4-3	7.5	1.05	20	3.5	150	70	120	/	77	97	160	7x12	√		/	A
SKS-ACL-0030-AL/4-3	11	0.7	30	5.1	180	70	145	/	81	101	170	7x12	√		/	A
SKS-ACL-0040-AL/4-3	15	0.525	40	6	180	70	145	150	90	110	140	7x12	√		/	B
SKS-ACL-0050-AL/4-3	18.5	0.42	50	7.5	180	70	145	160	102	122	140	7x12	√		/	B
SKS-ACL-0060-AL/4-3	22	0.35	60	8.5	205	80	170	145	82	102	160	7x12	√		/	B
SKS-ACL-0080-AL/4-3	30	0.263	80	11.5	205	80	170	165	105	125	160	7x12	√		/	B
SKS-ACL-0090-AL/4-3	37	0.234	90	12.5	205	80	170	170	110	130	160	7x12	√		/	B
SKS-ACL-0120-AL/4-3	45	0.175	120	15.5	205	80	170	175	110	130	160	7x12	√		/	B
SKS-ACL-0150-AL/4-3	55	0.14	150	19	205	80	170	170	120	140	215	7x12		25*3	φ9	C
SKS-ACL-0200-AB/4-3	75	0.105	200	23	245	80	200	175	110	140	210	10x16		30*6	φ11	D
SKS-ACL-0240-AB/4-3	90	0.088	240	28	245	80	200	195	130	160	210	10x16		30*7	φ11	D
SKS-ACL-0260-AB/4-3	110	0.081	260	30	245	80	200	200	135	165	240	10x16		30*8	φ11	D
SKS-ACL-0290-AB/4-3	132	0.072	290	30	245	80	200	200	135	165	240	10x16		30*8	φ11	D
SKS-ACL-0330-AB/4-3	160	0.064	330	38	310	225	250	195	122	155	280	12x20		30*8	/	E
SKS-ACL-0390-AB/4-3	185	0.054	390	43	310	225	250	215	119	165	280	12x20		40*8	/	E
SKS-ACL-0420-AB/4-3	200	0.05	420	44	310	225	250	215	129	165	280	12x20		40*8	/	E
SKS-ACL-0490-AB/4-3	220	0.043	490	50	310	225	250	245	144	180	280	12x20		50*8	2-φ13	F
SKS-ACL-0530-AB/4-3	250	0.04	530	50	310	225	250	245	144	180	280	12x20		50*8	2-φ13	F
SKS-ACL-0600-AB/4-3	280	0.035	600	58	310	225	250	265	164	200	280	12x20		50*9	2-φ13	F
SKS-ACL-0660-AB/4-3	315	0.032	660	60	310	225	250	265	164	200	280	12x20		50*9	2-φ13	F
SKS-ACL-0800-AB/4-3	380	0.026	800	72	390	130	320	305	220	260	350	12x20		60*9	4-φ13	G
SKS-ACL-1000-AB/4-3	450	0.021	1000	85	390	130	320	310	220	260	410	12x20		60*11	4-φ13	G
SKS-ACL-1250-AB/4-3	550	0.017	1250	100	390	130	320	340	245	285	410	12x20		60*13	4-φ13	G
SKS-ACL-1600-AB/4-3	630	0.013	1600	140	450	150	380	355	245	285	450	12x20		80*13	4-φ13	G

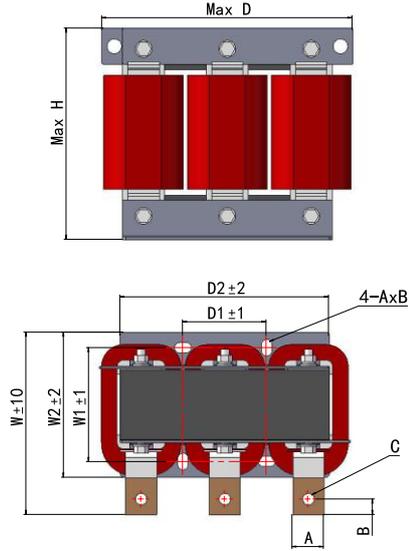
Note/备注: (1) Can be customized. 以上型号为我司标准品, 其它规格可以根据客户要求定制。

Product Size 产品尺寸图

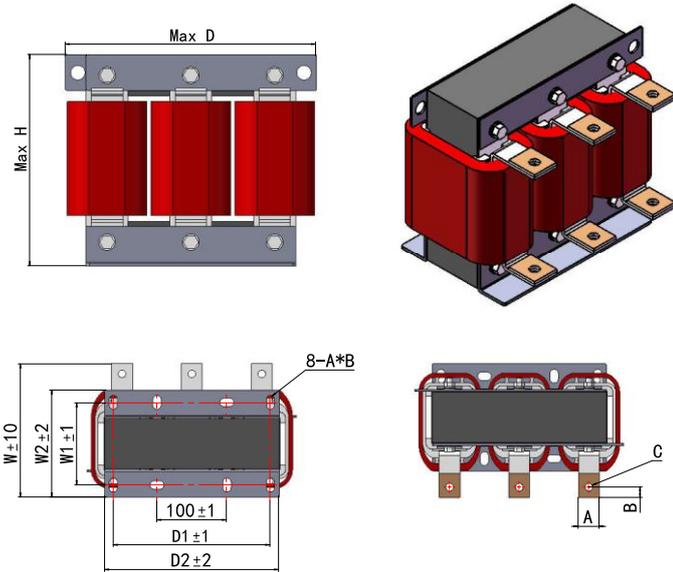




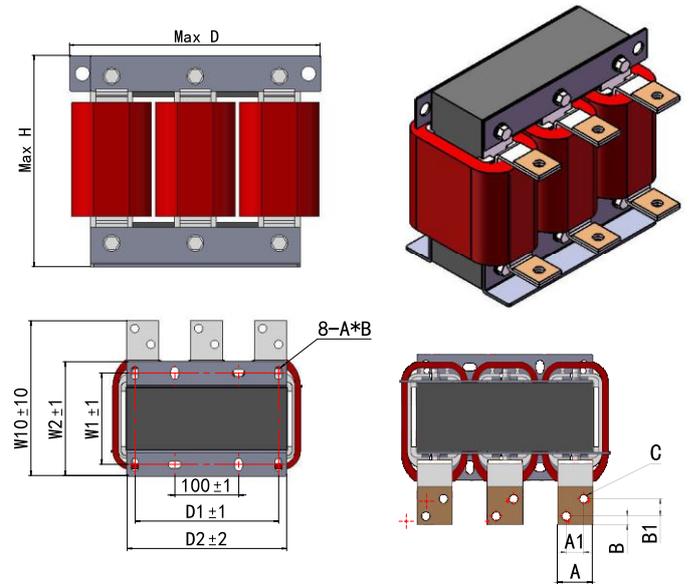
Picture C



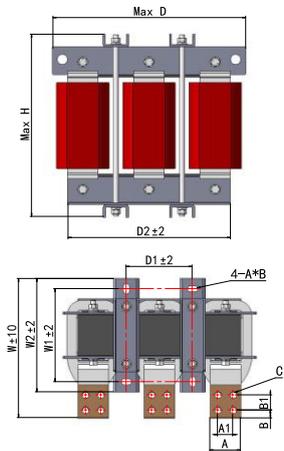
Picture D



Picture E



Picture F



Picture G