YIBO 以伯®

DCL系列series
直流平波电抗器
DC smoothing reactor

产品及应用 PRODUCTS APPLICATIONS

- 直流平波电抗器用于整流器的直流侧，抑制整流后的波纹脉动分量，改善输出的直流波形，保证直流设备的正常运行。如果整流器输出的直流纹波过高，那么就必须使用直流平波电抗器来实现无故障的换相并降低电机损耗
- 铁芯采用优质硅钢片，芯柱经多个气隙分成均匀小块，气隙采用高温高强度粘接胶将芯柱的每个小段与上、下铁轭紧密粘接起来，铁芯端面采用高品质防锈漆喷涂工艺，解决了电抗器铁芯表面生锈问题，在运行中大大减小了噪音和振动
- 电抗器均采用真空浸漆工艺，经高温热烘固化。线圈有良好的绝缘性能，整体机械强度高，防潮性能好线圈采用F、H级绝缘系统，大大提高了长期运行的可靠性
- 温升低，损耗小，成本低，综合利用率高
- 体积小，重量轻，占用空间小，便于安装

- The DC smoothing reactor is used on the DC side of the rectifier to suppress the ripple components after rectification, improve the output DC, and ensure the normal operation of DC equipment. If the DC ripple output by the rectifier is too high, then a DC smoothing reactor must be used achieve fault-free commutation and reduce motor losses.
- The core is made of high-quality silicon steel sheets, and the core column is divided into uniform small blocks through multiple air gaps. The air gaps use high-temperature and high-strength adhesive to tightly bond each small segment of the core column with the upper and lower iron yokes. The end face of the core is treated with high-quality rust-proof paint spraying process, which solves the rusting problem on the surface of the reactor core, greatly reducing noise and vibration during operation.
- The reactors all adopt the vacuum impregnation process and are cured by high-temperature heating. The coils have good insulation performance, high overall mechanical, and good moisture-proof performance. The coils use F and H grade insulation systems, which greatly improve the reliability of long-term operation.
- Low temperature rise, small loss, low cost, high comprehensive utilization rate
- Small volume, light weight, small space occupation, easy to install

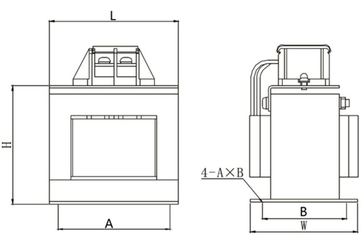
技术参数 SPECIFICATION

1、额定电压：DC500V-DC1000V
2、额定电流：3A~3000A
3、耐压：3000V
4、绝缘电阻：≥100MΩ
5、噪音等级：<65DB
6、防护等级：IP00
7、绝缘等级：F／H级
8、抗电强度：铁芯-绕组 3000VAC/50HZ/5MA/10S无飞弧击穿
9、执行标准：GB19212.1-2008 GB19212.21-2007 GB1094.6-2011

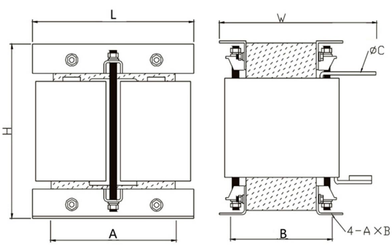
1、Rated voltage: DC500V-DC1000V
2、Rated current: 3A~3000A
3、Withstand voltage: 3000V
4、Insulation Resistance: ≥100MΩ
5、Noise level: <65dB
6、Protection level: IP00
7、Insulation class: F/H class
8、Dielectric strength: Core to winding 3000VAC/50HZ/5MA/10S no arc
9、Execution standards: GB19212.1-2008 GB19212.21-20071094.6-2011

电抗器型号 REACTOR MODEL	图号 FIGURE NUMBER	适配功率 KW ADAPTED POWER	额定电流 A RATED CURRENT	重量 Kg WEIGHT	外型尺寸 OVERALL DIMENSIONS			安装尺寸 INSTALLATION DIMENSIONS		
					L	W	H	A	B	安装孔 MOUNTING HOLE
DCL-3A	A	0.75	3	1.5	80	65	100	63	47	7×12
DCL-6A		2.2	6	2.5	80	65	100	63	60	7×12
DCL-12A		4	12	3.5	100	100	125	80	70	7×12
DCL-23A		7.5	23	4	110	120	135	87	70	9×15
DCL-30A		15	30	4.5	110	120	135	87	70	9×15
DCL-40A		18	40	4.5	110	120	135	87	70	9×15
DCL-50A		22	50	5.5	120	135	145	95	85	9×15
DCL-60A		30	60	7	135	150	170	110	85	9×15
DCL-75A		37	75	7.5	135	150	170	110	85	9×15
DCL-95A		45	95	7.8	135	150	170	110	85	9×15
DCL-110A		55	110	9.2	155	160	195	125	90	9×15
DCL-160A	B	75	160	18	165	130	215	108	95	9×15
DCL-180A		90	180	20	165	130	215	108	95	9×15
DCL-220A		110	220	23	220	205	235	133	116	9×15
DCL-250A		120	250	25	220	205	235	133	116	11×18
DCL-300A		132	300	25	220	205	235	133	116	11×18
DCL-350A		160	350	26	220	205	235	133	116	11×18
DCL-450A		200	450	30	230	210	260	138	121	11×18
DCL-500A		220	500	33	230	210	260	138	121	11×18
DCL-600A		280	600	38	245	230	260	153	126	11×18
DCL-700A		315	700	40	245	230	260	153	126	11×18
DCL-800A		360	800	43	245	230	260	153	126	11×18
DCL-1000A		380	1000	58	260	245	350	165	140	13×2

外型尺寸 HOUSING AND DIMENSIONS:（MM）



A



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