

## 交流输出电抗器：AC Output Reactor

安装在变频器输出端，限制变频器与电机连接电缆的容性充电电流，钝化变频器输出的PWM波的电压上升率。电机电缆长度超过一定值时，建议在变频器与电机之间加入输出电抗器。用于补偿在长导线时的电容再充电电流。电缆长度决定于变频器的额定值以及电机电缆的类型。

The input reactor is installed at the output of the frequency inverter.

It is used to limit the capacitive charging current of the connection cable between the frequency inverter and the motor, and to smooth the voltage rise rate of the PWM from the frequency inverter to the motor.



## 产品应用场景：Product Application

- 1.将dv/dt限制到500V/US
- 2.将电机端子上的过电压限制到：1000V至400V~（rms值）1150V至460V~（rms值）
- 3.降低电机噪音，减低涡流损耗
- 4.减小电机接地泄露电流

- 1.Limit dv/dt to 500V/us
- 2.Limit the overvoltage of motor terminal to :1000V to
- 3.Reduce motor noise and decrease eddy current losses
- 4.Reduce the earth leakage current of motor

## 技术规格：Technical Specifications

工作电压Work Voltage:	380-400V
工作频率Work Frequency:	50/60Hz
工作电流：Work Current:	10-1600A@40°C
绝缘等级Insulation Class:	class F,H 可选
防护等级Protection Class:	IP00
压降Voltage drop:	< 4%,大于此范围会引起转矩损失
过载电流Overcurrent:	1.5倍额定电流，持续60S
噪音Noise:	≤65dB
温升Temperature Rise:	≤85K
抗电强度Dielectric strength:	铁芯-绕组3000VAC/50HZ/5MA/10S无飞弧击穿（工厂测试）
绝缘电阻Insulation Resistor:	1000VDC绝缘阻值≥100MΩ
载波频率Carrier frequency:	2-8KHz

## 使用环境：Usage environment

- 1.运行温度-10至+45°C，额定值不会降低。
- 2.上限可达+55°C，在45C以上，每升高1°C，额定电流降低2%，海拔高度不超过2000米。

3.运行环境温度-25℃至+45℃，相对湿度不超过90%。

4.周围无有害气体，无易燃易爆物品，有良好的通风条件，如装在柜内，应加装通风设备

Operation Environment:-10~+45℃, rated value won't lower,when higer than 55℃,and every 1℃,thecurrent will step down 2%,Under seal level 2000m Running ambient temperature-25℃ ~+45℃,comparative moisture moisture not over90% No hazardous gas,no inflammables and explosives With well-ventilated condition,ventilation devices shall be mounted if installation in panels.

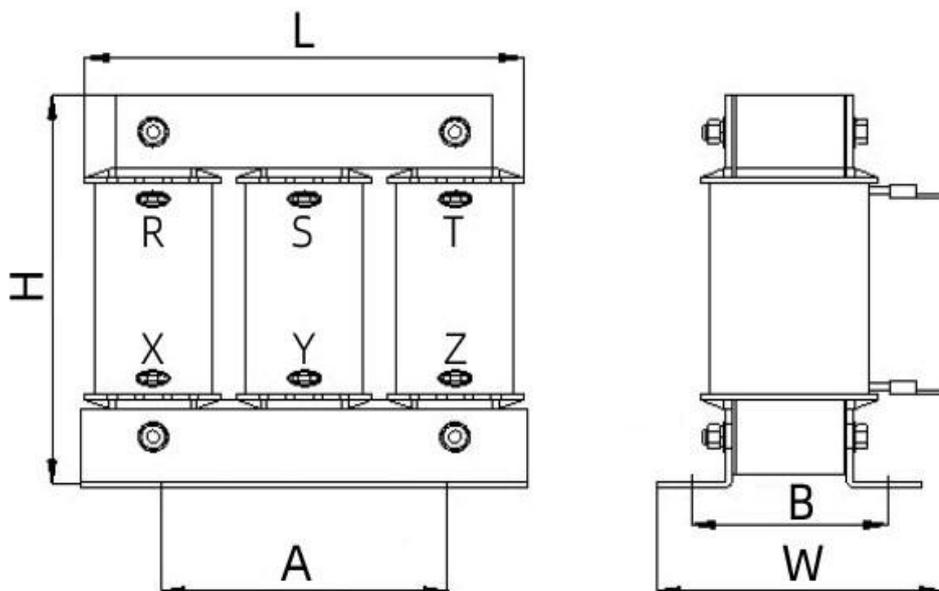
### 执行标准: Applicable Standards

IEC289:1987 Reactor

GB10229-88 Reactor(eqvIEC289:1987)

JB9644-1999 Reactors used for semiconductor electrical driving

### 产品尺寸图: Product Size

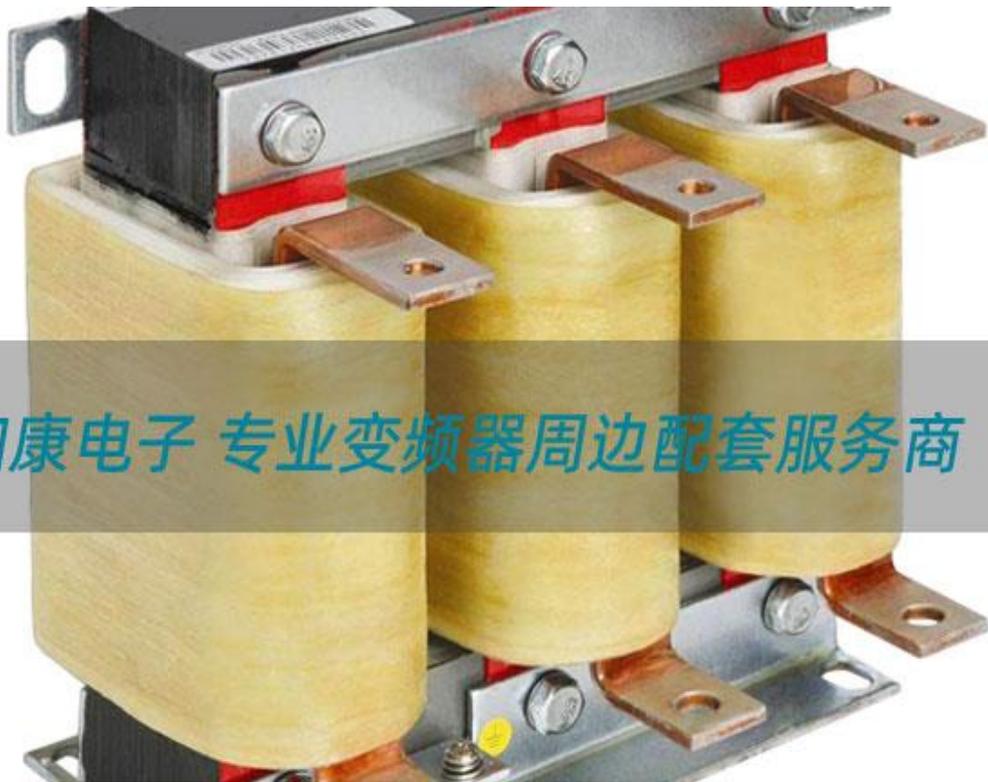


### 选型表: Selection Table

型号 Type	电流 A Rated Current	压降2% Voltage Drop	适配功率 KW Power	外形尺寸mm L*W*H Dimension(mm)	安装尺寸mm A*B
DN-ACO-10	10	1%	0.75-3	150*100*155	80*60
DN-ACO-15	15	%	3.7-5.5	150*100*155	80*60
DN-ACO-20	20	1%	7.5	150*100*155	80*60
DN-ACO-30	30	1%	11	155*140*140	95*73
DN-ACO-40	40	1%	15	155*150*140	120*78
DN-ACO-50	50	1%	18.5	195*160*165	120*85
DN-ACO-60	60	1%	22	195*160*165	120*85
DN-ACO-80	80	1%	30	195*160*175	120*85
DN-ACO-90	90	1%	37	195*170*175	120*92
DN-ACO-120	120	1%	45	195*180*190	120*105
DN-ACO-150	150	1%	55	195*180*190	120*105

DN-ACO-200	200	1%	75	250*180*240	172*88
DN-ACO-250	250	1%	90-110	250*190*240	172*98
DN-ACO-290	290	1%	132	290*200*250	204*102
DN-ACO-330	330	1%	160	290*205*260	204*107
DN-ACO-390	390	1%	185	290*205*260	204*107
DN-ACO-490	490	1%	200-220	320*230*300	243*112
DN-ACO-600	600	1%	250-280	320*260*310	243*126
DN-ACO-660	660	1%	315	320*260*310	243*126
DN-ACO-800	800	1%	355-380	365*295*380	260*145
DN-ACO-1000	1000	1%	400-450	365*300*380	260*150
DN-ACO-1200	1200	1%	500-550	365*310*400	260*170
DN-ACO-1600	1600	1%	630	365*320*400	260*180

接线示意图: Wiring diagram



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