

440V 变频器专用滤波器 Filter for 440V Converter

■ 产品概述(Product Introduction)

- 1.降低变频器对电网的传导干扰
- 2.在150kHz~30MHz范围内拥有优越的插入损耗表现
- 3.端子系列采用紧凑超薄设计
- 4.提高整个系统可靠性
- 5.N99为使用铜排接头，其他为端子
- 6.端子为铜排以及后缀P系列的滤波器为高泄漏电流，适合安规认证测试使用，但不适用于有漏电保护器场合



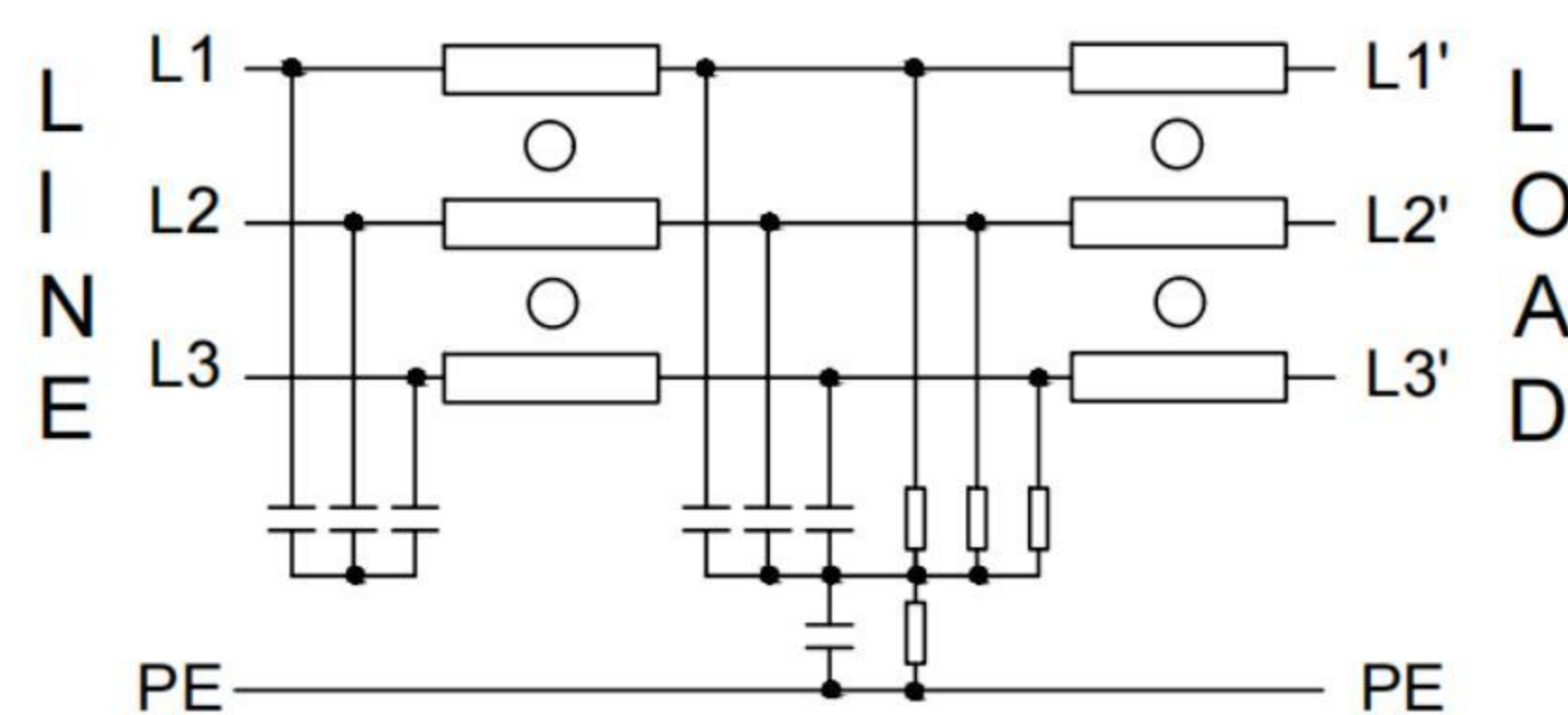
- 1.Reduce the conducted interference from Converter to electrical network.
- 2.Excellent insertion loss performance in the range of 150kHz-30MHz
- 3.The terminal series adopts compact and ultra-thin design
- 4.Improve the reliability of the entire system
- 5.N99 series use copper bars, others use connectors
- 6.Copper bars and filters with suffix P are for high leakage currents, suitable for safety

■ 技术规格 (Technical Specification)

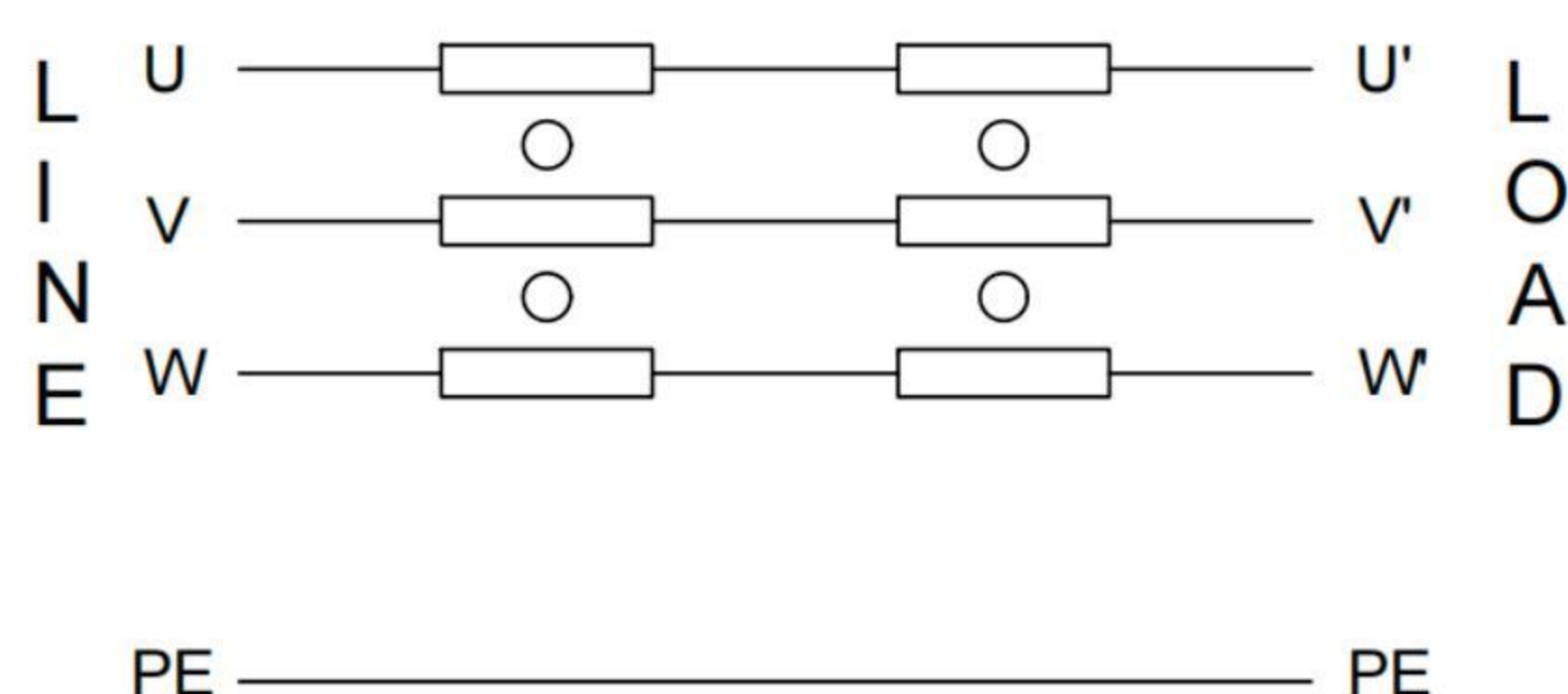
- 1.额定电压：440/250 VAC
- 2.额定频率：50Hz
- 3.额定电流：10 ~ 2500A
- 4.高压试验：P-E 2100VDC/2sec P-P 2100VDC/2sec
- 5.温度范围：-25 ~ +100°C
- 6.设计依据：IEC/EN60939、UL1283
- 7.典型滤波频率：150kHz ~ 30MHz

- 1.Rated Voltage : 440/250 VAC
- 2.Rated Frequency: 50Hz
- 3.Rated Current: 10A-2500A
- 4.High Voltage Test : P-E 2100VDC/2sec P-P 2100VDC/25ec.
- 5.Temperature Range: -25 ~ +100°C
- 6.Design standards: IEC/EN 60939, ULI283
- 7.Typical Work Frequency: 150kHz ~ 30MHz

■ 输入滤波器典型电路图(Typical Circuit Diagram of Input Filter)



■ 输出滤波器典型电路图(Typical Circuit Diagram of Output Filter)



■ 产品应用 (Product Application)

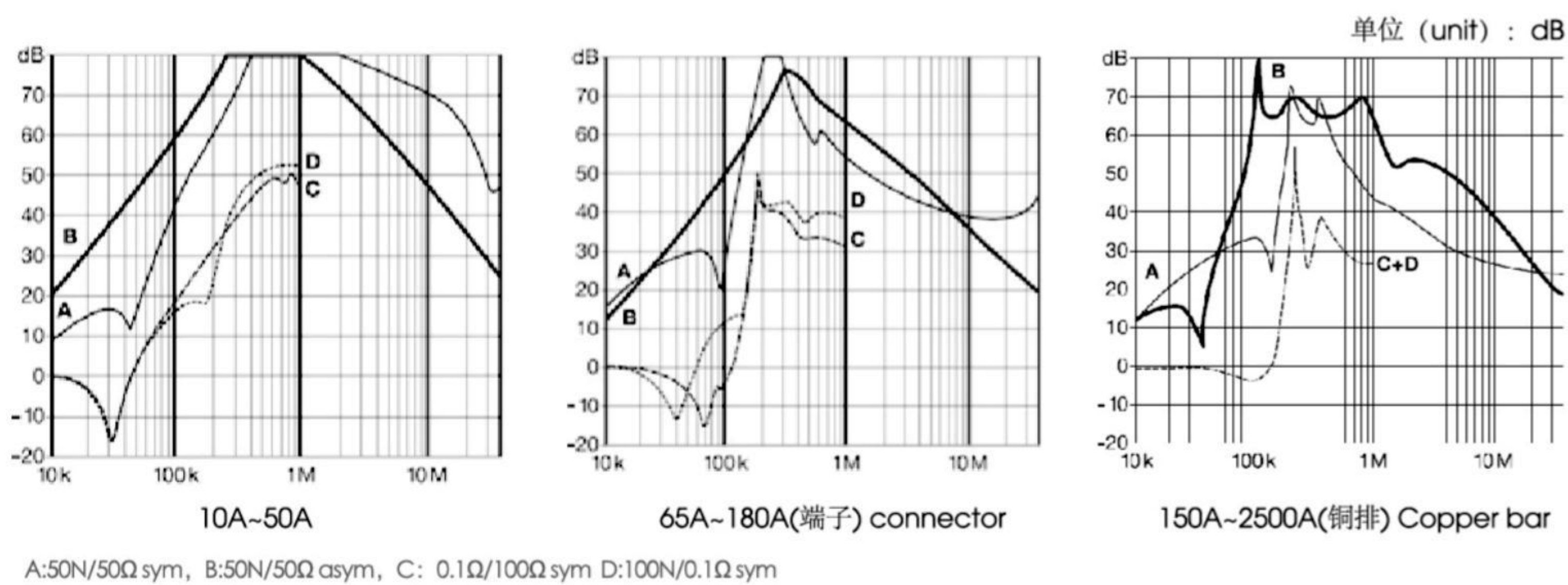
- 1.三相调速电机驱动、伺服驱动、变频器及逆变器
- 2.能量转换装置，如机器及自动化设备
- 3.空调设备、电梯、电力供应、UPS、注塑机等
- 4.风能、太阳能等新能源逆变系统

- 1.Three-phase variable speed motor drives, servo drives, inverter and converters
- 2.Energy conversion devices, such as machines and automatic equipment
- 3.HVAC equipment, elevators, power suppliers, UPS, Injection molding machine, etc.
- 4.Wind energy, solar energy and other new energy Inverter systems

■ 滤波器选型表(Filter Selection Table)

适配变频器参数 Adapter Converter Parameter		滤波器型号 Filter Type		额定电流 Rated Current	端子代码 Connector Code	
功率 Drive Power Rating (kW)	额定电压 Rated Voltage (VAC)	输入滤波器 Input Filter	输出滤波器 Outputfilter	(A)		
5.5	440	RFI4C10N6	RFI4C10N6P	RFO4C10N6	10	-N6
7.5	440	RFI4C20N6	RFI4C20N6P	RFO4C20N6	20	-N6
15	440	RFI4C30N10	RFI4C30N10P	RFO4C30N10	30	-N10
18.5	440	RFI4C40N10	RFI4C40N10P	RFO4C40N10	40	-N10
22	440	RFI4C50N16	RFI4C50N16P	RFO4C50N16	50	-N16
30	440	RFI4C65N16	RFI4C65N16P	RFO4C65N16	65	-N16
37	440	RFI4C80N35	RFI4C80N35P	RFO4C80N35	80	-N35
45	440	RFI4C100N35	RFI4C100N35P	RFO4C100N35	100	-N35
55	440	RFI4C130N50	RFI4C130N50P	RFO4C130N50	130	-N50
90	440	RFI4C180N95	RFI4C180N95P	RFO4C180N95	180	-N95
75	440	RFI4C150N99		RFO4C150N99	150	
110	440	RFI4C200N99		RF04C200N99	200	
132	440	RFI4C250N99		RFO4C250N99	250	
160	440	RFI4C320N99		RFO4C320N99	320	
220	440	RFI4C400N99		RFO4C400N99	400	
315	440	RFI4C600N99		RFO4C600N99	600	
400	440	RFI4C800N99		RFO4C800N99	800	
560	440	RFI4C1000N99		RFO4C1000N99	1000	
900	440	RFI4C1600N99		RFO4C1600N99	1600	
1320	440	RFI4C2500N99		RF04C2500N99	2500	

■ 输入滤波器插入损耗((Insertion Loss of Input Filter)



440V 三相四线滤波器 440V 3-phase + Neutral Line Filters

■ 产品概述(Product Introduction)

- 1.降低整个系统对电网的传导干扰
- 2.在150kHz~30MHz范围内拥有优越的插入衰减表现
- 3.设计紧凑，优化工业设计
- 4.系统进线安装该系列的滤波器，可以提高整个系统可靠性
- 5.N99使用铜排接头，其他为端子



- 1.Reduce the conducted interference from converter to electrical network.
- 2.Excellent insertion attenuation performance in the range of 150kHz-30MHz
- 3.Compact design, optimized industrial design
- 4.Installing this series of filters on the system incoming line can improve the reliability of the entire system
- 5.N99 series use copper bars, others use connectors

■ 技术规格(Technical Specification)

- 1.额定电压: 440/250 VAC
- 2.额定频率: 50Hz
- 3.额定电流: 10 ~ 600A (@50°C)
- 4.高压试验: P-E 2100VDC/2sec P-P 2100VDC/2sec
- 5.温度范围: -25 ~ +100°C
- 6.设计依据: IEC/EN 60939、UL1283
- 7.典型滤波频率: 150kHz~30MHz

- 1.Rated Voltage: 440/250 VAC
- 2.Rated Frequency: 50Hz
- 3.Rated Current: 10 ~ 600A (@50°C)
- 4.High Voltage Test: P-E 2100VDC/2sec P-P 2100VDC/2sec
- 5.Temperature Range: -25 ~ +100°C
- 6.Design Standards: IEC/EN 60939, UL1283
- 7.Typical Work Frequency: 150kHz ~30MHz

■ 产品应用 (Product Application)

主要应用于工业设备、机械、机床及其他自动化控制的三相四线电力系统。由于出色的性能衰减，该系列滤波器也是嘈杂的电源的首选，应用于可再生能源、大功率的办公设备和其他三相四线的设备。因为相对较低的漏电流，该系列滤波器甚至可以用于一些医疗设备。

This series of filters are mainly used in industrial equipment, machinery, machine tools and diverse process automation systems with three-phase and neutral electricity supply. Due to the outstanding attenuation performance, this series of filters is also the first choice for noisy power supplies, and is used in renewable energy applications, high-power office equipment and other three-phase and neutral devices. Because of the relatively low leakage current. The series may even be used for some medical devices.

■ 输入滤波器插入损耗((Insertion Loss of Input Filter)

