

## 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

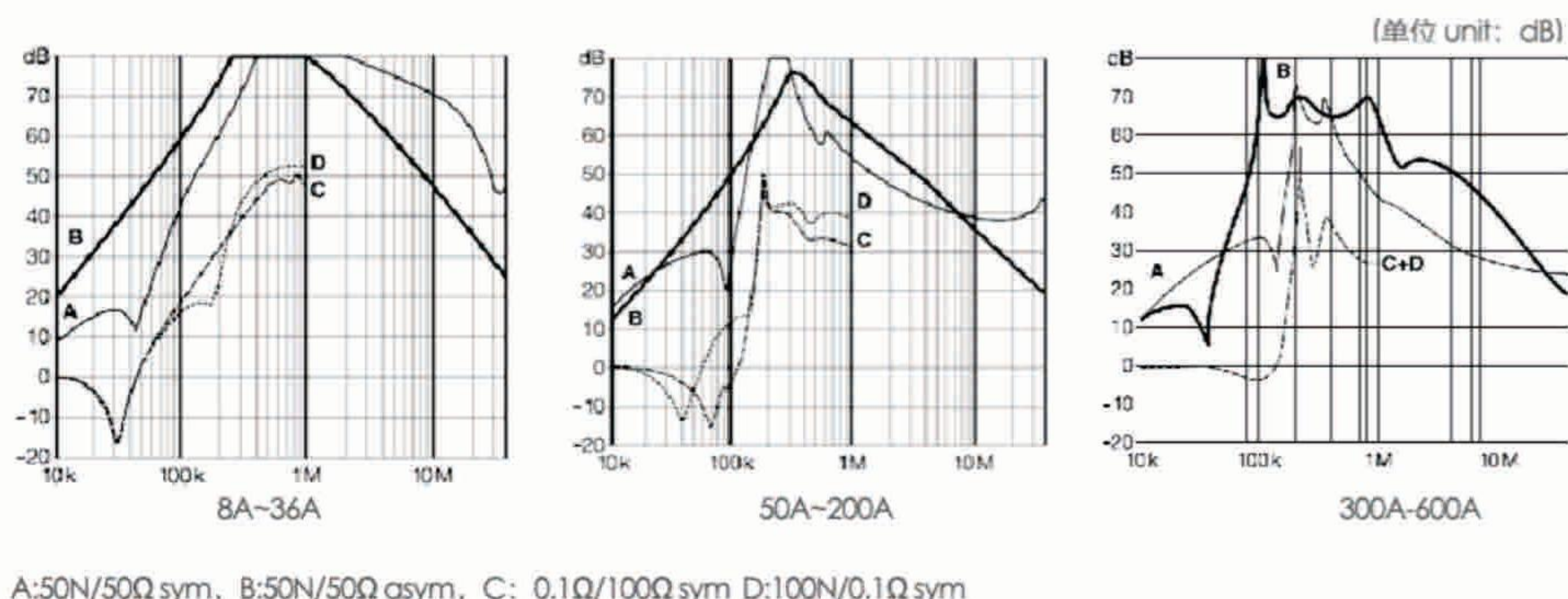
- 1.Rated Voltage: 440/250 VAC
- 2.Rated Frequency: 50Hz
- 3.Rated Current: 10 ~ 600A (@50°C)
- 4.High Voltage Test: P-E 2100VDC/2sec P-P 2100VDC/2sec
- 5.Temperature Range: -25 ~ +100°C
- 6.Design Standards: IEC/EN 60939, UL1283
- 7.Typical Work Frequency: 150kHz ~30MHz

### ■ 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)

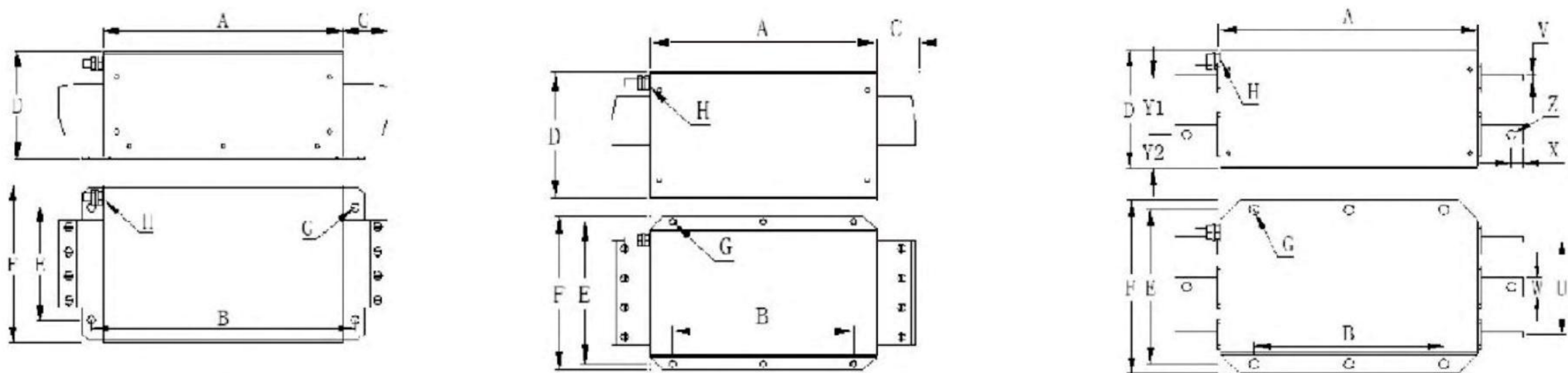




### ■ 滤波器选型表(Filter Selection Table)

型号 Type	额定电流 Rated Current @40°C (A)	漏电流 Leakage Current@230VAC/50Hz (mA)	能量损耗 Power Loss @25°C/50Hz (W)	端子类型 Terminal Block Type
RFI4NC8N06	8	<1	3.2	端子solid safety connector
RFI4NC16N06	16	<1	6.5	端子solid safety connector
RFI4NC25N10	25	<1	11.8	端子solid safety connector
RFI4NC36N10	36	<1	15.3	端子solid safety connector
RFI4NC50N16	50	<1	17.4	端子solid safety connector
RFI4NC65N16	65	<1	18.9	端子solid safety connector
RFI4NC100N35	100	<1	23.6	端子solid safety connector
RFI4NC130N50	130	<1	28.5	端子solid safety connector
RFI4NC160N95	160	<1	31	端子solid safety connector
RFI4NC200N95	200	<1	47.4	端子solid safety connector
RFI4NC300N99	300	<1	20.3	铜排 copper busbar
RFI4NC400N99	400	<1	36	铜排 copper busbar
RFI4NC600N99	600	<1	64.8	铜排 copper busbar

### ■ 产品尺寸图 (Product Size)



代号 Code 电流 Current (A)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	U (mm)	V (mm)	W (mm)	X (mm)	Y1 (mm)	Y2 (mm)	Z (mm)
8-16	160	180	15.5	80	65	100	5.5	M5							
25-36	160	180	35	100	75	115	5.5	M5							
50-65	190	210	35	110	90	125	6.4	M6							
100	230	120	38.5	125	150	163	6.4	M8							
130	250	200	43	140	157	170	6.4	M8							
160-200	280	220	52	170	166	180	6.4	M8							
300	325	240	58	150	195	220	11	M10	120	4	25	12.5	72	43	11
400	325	240	58	150	195	220	11	M10	120	6	25	12.5	72	43	11
600	325	240	58	150	195	220	11	M10	120	8	25	12.5	72	43	11

### ■ 滤波器输入/输出端子接线范围及扭矩选择(Wire and Torque Selection for Input/Output Connector)

	-N6	-N10	-N16	-N35	-N50	-N95
多股软线/mm <sup>2</sup> Litz Wire	0.5-6	0.5-10	1-16	10-35	16-50	25-95
美标线规 AWG Number	AWG8-26	AWG6-24	AWG4-20	AWG2-8	AWG6-1/0	AWG4-4/0
推荐扭矩/N.m Recommended Torque	1.36	1.36	2.71	4.41	4.41	19.2