



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为使用铜排接头, 其他为端子

- 1.Reducing the conducted emission from inverter to power network.
- 2.Exception attenuation performance from 150kHz~30MHz
- 3.Compact, space-saving design, optimized for industrial machinery
- 4.Increases also the immunity if operated directly on the mains input
- 5.N99 for the use of copper bar, other terminals

■ 技术参数 (Technical Data)

- 1.额定电压: 440/250 VAC
- 2.工作频率: 50Hz
- 3.额定电流: 10A~600A (@50°C)
- 3.高压试验: P-E 2100VDC/2sec P-P 2100VDC/2sec
- 4.温度范围: -25°C~100°C (25/100/21)
- 5.设计依据: IEC/EN 60939、UL1283
- 6.典型滤波频率: 150kHz~30MHz

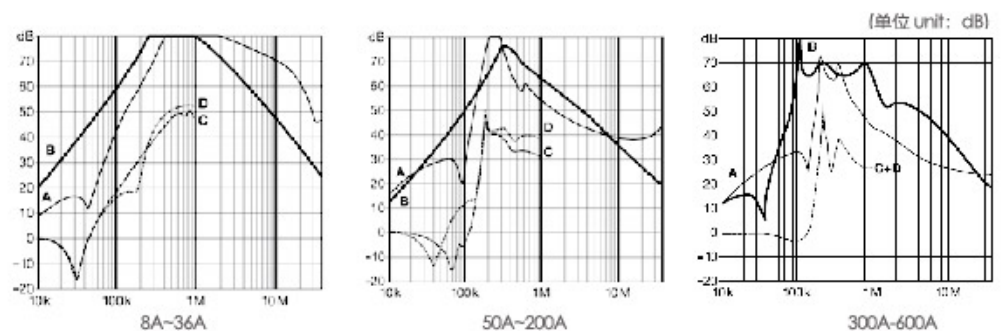
- 1.Rated voltage: 440/250 VAC
- 2.Operating frequency: 50Hz
- 3.Rated current: 10A~600A (@50°C)
- 3.High potential test voltage: P-E 2100VDC/2sec P-P 2100VDC/2sec
- 4.Temperature range: -25°C~100°C (25/100/21)
- 5.Design corresponding to: IEC/EN 60939、UL1283
- 6.Typical work frequency: 150kHz~30MHz

■ 典型应用 (Typical Applications)

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。

Mainly Industrial equipment, machinery, machinetools and diverse process auto- mation systems with three-phase and neutral electricity supply. Due to the outstanding attenuation performance, The series is also the first choice for noisy power supplies, renewable energy applications, high power office equipment and further 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 (Input filter attenuation)

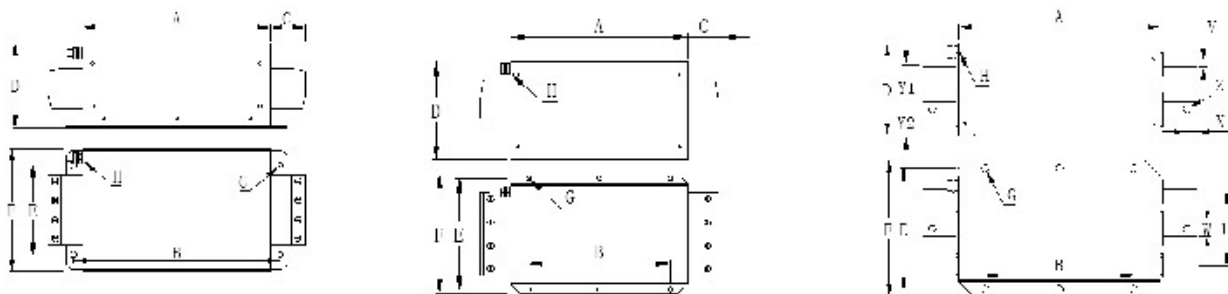


A:50N/50Ω sym, B:50N/50Ω asym, C: 0.1Ω/100Ω sym D:100N/0.1Ω sym

■ 滤波器选型表 (Filter Selection Table)

滤波器型号 Filter 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 Connector type
RF4NC8N06	8	<1	3.2	端子 solid safety connector
RF4NC16N06	16	<1	6.5	端子 solid safety connector
RF4NC25N10	25	<1	11.8	端子 solid safety connector
RF4NC36N10	36	<1	15.3	端子 solid safety connector
RF4NC50N16	50	<1	17.4	端子 solid safety connector
RF4NC65N16	65	<1	18.9	端子 solid safety connector
RF4NC100N35	100	<1	23.6	端子 solid safety connector
RF4NC130N50	130	<1	28.5	端子 solid safety connector
RF4NC160N95	160	<1	31	端子 solid safety connector
RF4NC200N95	200	<1	47.4	端子 solid safety connector
RF4NC300N99	300	<1	20.3	铜排 copper bar
RF4NC400N99	400	<1	36	铜排 copper bar
RF4NC600N99	600	<1	64.8	铜排 copper bar

■ 产品尺寸图 (Product Size)



代号 Code 电流 Current	A	B	C	D	E	F	G	H	U	V	W	X	Y1	Y2	Z
8A~16A	160	180	15.5	80	65	100	5.5	M5							
25A~36A	160	180	35	100	75	115	5.5	M5							
50A~65A	190	210	35	110	90	125	6.4	M6							
100A	230	120	38.5	125	150	163	6.4	M8							
130A	250	200	48.5	140	154	170	6.4	M8							
160A~200A	280	220	52	170	166	180	6.4	M8							
300A	325	240	58	150	195	220	11	M10	120	4	25	12.5	72	43	11
400A	325	240	58	150	195	220	11	M10	120	6	25	12.5	72	43	11
600A	325	240	58	150	195	220	11	M10	120	8	25	12.5	72	43	11

(单位 unit: mm)

■ 滤波器输入输出端子接线范围及扭矩选择 (Filter Input/output Connector Cross Sections)

	-N6	-N10	-N16	-N35	-N50	-N95
多股软线/mm ² Flex 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