

EMC-滤波器

射频干扰抑制滤波器将电流滤波和扼流滤波结合在一起。通过分别采用扼流和电容滤波作用于干扰频谱，达到最佳的干扰抑制效果。为了增加滤波效果，可以分别采用电容滤波和扼流滤波结合设计为二阶滤波器。滤波器可以分为以下类型：直流滤波器、单项滤波器、三相滤波器以及三相+中线滤波器。

产品主要特点

- 宽频范围内插入损耗高
- 可有效抑制低频干扰或非对称干扰
- 自熄灭聚碳酸酯或铝合金外壳
- 适用于热带环境 - 环氧树脂封装
- DIN 标准导轨/螺丝墙面安装
- 安全标准符合 VDE, EN, UL, CSA

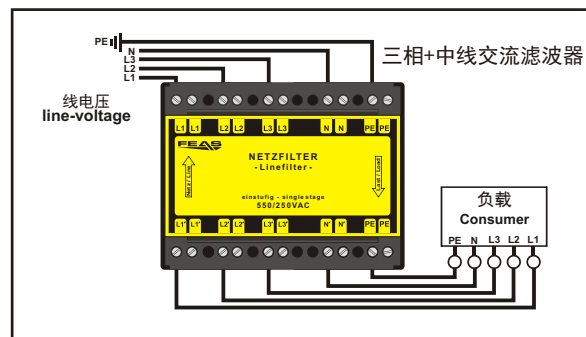
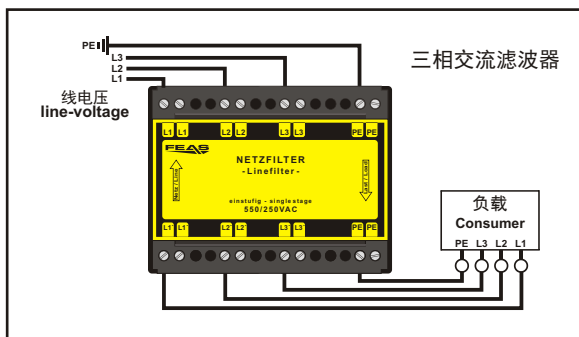
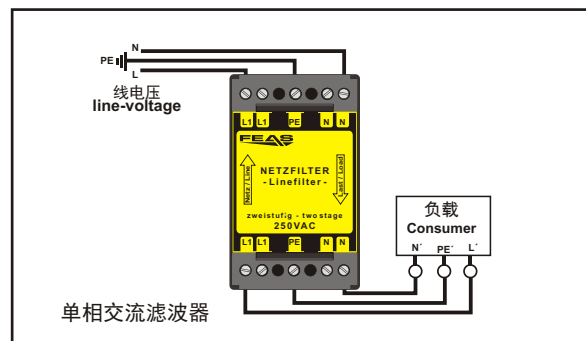
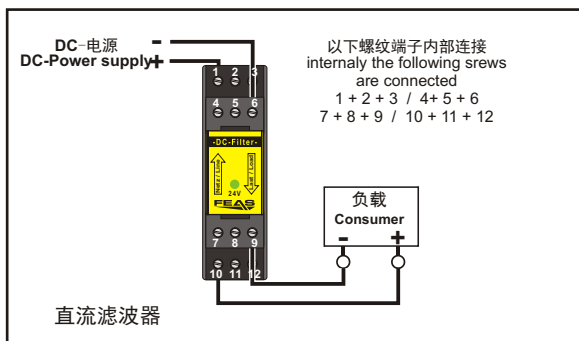
EMC-Filters

Radio-interference suppression filters combine the characteristics of capacitors and chokes in one unit. By adapting the chokes and capacitors individually to the interference-spectrum, an optimal suppression result is achieved. In order to increase the filter-effect it is also, additionally to the individual selection of capacitor and choke, common to design the filter as a 2-stage-filter. In principle the filters are distinguished as: DC voltage, 1 line, 3 lines and 3 lines + neutral conductor.












Product Main Features

- High insertion loss over a broad frequency range
- Optimised against interferences in the lower frequencies or asymmetric interferences
- Self-extinguishing polycarbonate or aluminum housing
- Suitable for the tropics - epoxy resin casted
- DIN Rail / Wall Mounting with Screws
- Safety acc. to VDE, EN, UL, CSA

产品接线









EMC 滤波器产品列表

外形	型号	额定电压	额定电流	感应系数	容量	外形尺寸(WxHxD)mm	重量Kg
直流低频滤波器							
	SFK12-4S2124	24VDC	4.0 A	2 x 400μH	2 x 1000μF + 2 x 330nF	22.5 x 75.0 x 98.5	0.35
	SFK12-8S2124	24VDC	8.0 A	2 x 170μH	2 x 1000μF + 2 x 330nF	22.5 x 75.0 x 98.5	0.35
	SFK12-16S2124	24VDC	16.0 A	2 x 50μH	2 x 1000μF + 2 x 330nF	22.5 x 75.0 x 98.5	0.35
	SFK12-4S2148	48VDC	4.0 A	2 x 400μH	2 x 470μF + 2 x 330nF	22.5 x 75.0 x 98.5	0.35
	SFK12-8S2148	48VDC	8.0 A	2 x 170μH	2 x 470μF + 2 x 330nF	22.5 x 75.0 x 98.5	0.35
	SFK12-16S2148	48VDC	16.0 A	2 x 50μH	2 x 470μF + 2 x 330nF	22.5 x 75.0 x 98.5	0.35
单相一阶滤波器优化非对称干扰							
	NFK12-05A21	250VAC (50-60Hz)	0.5 A	2 x 56mH	2 x 0.47μF + 2 x 22nF	22.5 x 75.0 x 98.5	0.35
	NFK12-1A21	250VAC (50-60Hz)	1.0 A	2 x 27mH	2 x 0.47μF + 2 x 22nF	22.5 x 75.0 x 98.5	0.35
	NFK12-2A21	250VAC (50-60Hz)	2.0 A	2 x 5.6mH	2 x 0.47μF + 2 x 22nF	22.5 x 75.0 x 98.5	0.35
	NFK12-4A21	250VAC (50-60Hz)	4.0 A	2 x 2.7mH	2 x 0.47μF + 2 x 22nF	22.5 x 75.0 x 98.5	0.35
	NFK12-8A21	250VAC (50-60Hz)	8.0 A	2 x 1.3mH	2 x 0.47μF + 2 x 22nF	22.5 x 75.0 x 98.5	0.35
	NFK12-16A21	250VAC (50-60Hz)	16.0 A	2 x 600μH	2 x 0.47μF + 2 x 22nF	22.5 x 75.0 x 98.5	0.35
	NFK732-4A21	250VAC (44-66Hz)	4.0 A	2 x 2.7mH	2 x 0.47μF + 2 x 22nF	56.0 x 90.0 x 78.0	0.48
	NFK732-8A21	250VAC (50-60Hz)	8.0 A	2 x 1.3mH	2 x 0.47μF + 2 x 22nF	56.0 x 90.0 x 78.0	0.48
	NFK732-16A21	250VAC (50-60Hz)	16.0 A	2 x 600μH	2 x 0.47μF + 2 x 22nF	56.0 x 90.0 x 78.0	0.48
单相二阶滤波器优化非对称干扰							
	NFK14-05A22	250VAC (50-60Hz)	0.5 A	2 x 56mH + 2 x 56mH	3 x 0.47μF + 4 x 4700pF	45.0 x 75.0 x 110.0	0.70
	NFK14-1A22	250VAC (50-60Hz)	1.0 A	2 x 27mH + 2 x 27mH	3 x 0.47μF + 4 x 4700pF	45.0 x 75.0 x 110.0	0.70
	NFK14-2A22	250VAC (50-60Hz)	2.0 A	2 x 12mH + 2 x 12mH	3 x 0.47μF + 4 x 4700pF	45.0 x 75.0 x 110.0	0.70
	NFK14-4A22	250VAC (50-60Hz)	4.0 A	2 x 5.8mH + 2 x 5.8mH	3 x 0.47μF + 4 x 4700pF	45.0 x 75.0 x 110.0	0.70
	NFK14-8A22	250VAC (50-60Hz)	8.0 A	2 x 2.7mH + 2 x 2.7mH	3 x 0.47μF + 4 x 4700pF	45.0 x 75.0 x 110.0	0.70
	NFK14-12A22	250VAC (50-60Hz)	12.0 A	2 x 6.7mH + 2 x 6.7mH	3 x 0.47μF + 4 x 4700pF	45.0 x 75.0 x 110.0	0.70
	NFK14-16A22	250VAC (50-60Hz)	16.0 A	2 x 4.8mH + 2 x 4.8mH	3 x 0.47μF + 4 x 4700pF	45.0 x 75.0 x 110.0	0.70
	NFK14-20A22	250VAC (50-60Hz)	20.0 A	2 x 4.0mH + 2 x 4.0mH	3 x 0.47μF + 4 x 4700pF	45.0 x 75.0 x 110.0	0.70
	NFK855-2A22	250VAC (40-66Hz)	2.0 A	2 x 12mH + 2 x 12mH	3 x 0.47μF + 4 x 22nF	64.0 x 99.0 x 118.0	1.10
	NFK855-4A22	250VAC (40-66Hz)	4.0 A	2 x 5.8mH + 2 x 5.8mH	3 x 0.47μF + 4 x 22nF	64.0 x 99.0 x 118.0	1.10
	NFK855-8A22	250VAC (40-66Hz)	8.0 A	2 x 2.7mH + 2 x 2.7mH	3 x 0.47μF + 4 x 22nF	64.0 x 99.0 x 118.0	1.10
	NFK855-16A22	250VAC (40-66Hz)	16.0 A	2 x 4.8mH + 2 x 4.8mH	3 x 0.47μF + 4 x 22nF	64.0 x 99.0 x 118.0	1.10
	NFK855-20A22	250VAC (40-66Hz)	20.0 A	2 x 4.0mH + 2 x 4.0mH	3 x 0.47μF + 4 x 22nF	64.0 x 99.0 x 118.0	1.10
	NFK772-4A22	250VAC (44-66Hz)	4.0 A	2 x 5.8mH + 2 x 5.8mH	3 x 0.47μF + 4 x 22nF	96.0 x 90.0 x 78.0	1.00
	NFK772-8A22	250VAC (44-66Hz)	8.0 A	2 x 2.7mH + 2 x 2.7mH	3 x 0.47μF + 4 x 22nF	96.0 x 90.0 x 78.0	1.00
	NFK772-16A22	250VAC (44-66Hz)	16.0 A	2 x 4.8mH + 2 x 4.8mH	3 x 0.47μF + 4 x 22nF	96.0 x 90.0 x 78.0	1.00
单相二阶滤波器优化低频干扰							
	NFK14-05S22	250VAC (50-60Hz)	0.5 A	2 x 56mH + 2 x 1.6mH	3 x 0.47μF + 4 x 4700pF	45.0 x 75.0 x 110.0	0.70
	NFK14-1S22	250VAC (50-60Hz)	1.0 A	2 x 27mH + 2 x 1.6mH	3 x 0.47μF + 4 x 4700pF	45.0 x 75.0 x 110.0	0.70
	NFK14-2S22	250VAC (50-60Hz)	2.0 A	2 x 12mH + 2 x 600μH	3 x 0.47μF + 4 x 4700pF	45.0 x 75.0 x 110.0	0.70
	NFK14-4S22	250VAC (50-60Hz)	4.0 A	2 x 5.8mH + 2 x 400μH	3 x 0.47μF + 4 x 4700pF	45.0 x 75.0 x 110.0	0.70
	NFK14-8S22	250VAC (50-60Hz)	8.0 A	2 x 2.7mH + 2 x 170μH	3 x 0.47μF + 4 x 4700pF	45.0 x 75.0 x 110.0	0.70
		NFK855-2S22	250VAC (40-66Hz)	2.0 A	2 x 12mH + 2 x 600μH	3 x 0.47μF + 4 x 22nF	64.0 x 99.0 x 118.0
NFK855-4S22		250VAC (40-66Hz)	4.0 A	2 x 5.8mH + 2 x 400μH	3 x 0.47μF + 4 x 22nF	64.0 x 99.0 x 118.0	1.10
NFK855-8S22		250VAC (40-66Hz)	8.0 A	2 x 2.7mH + 2 x 170μH	3 x 0.47μF + 4 x 22nF	64.0 x 99.0 x 118.0	1.10
NFK855-16S22		250VAC (40-66Hz)	16.0 A	2 x 4.8mH + 2 x 100μH	3 x 0.47μF + 4 x 22nF	64.0 x 99.0 x 118.0	1.10
		NFK772-4S22	250VAC (44-66Hz)	4.0 A	2 x 5.8mH + 2 x 400μH	3 x 0.47μF + 4 x 22nF	96.0 x 90.0 x 78.0
	NFK772-8S22	250VAC (44-66Hz)	8.0 A	2 x 2.7mH + 2 x 170μH	3 x 0.47μF + 4 x 22nF	96.0 x 90.0 x 78.0	1.00
	NFK772-16S22	250VAC (44-66Hz)	16.0 A	2 x 2.7mH + 2 x 100μH	3 x 0.47μF + 4 x 22nF	96.0 x 90.0 x 78.0	1.00
三相一阶滤波器优化非对称干扰							
	NFK30-1A31	550/250VAC (50-60Hz)	3 x 1.0 A	3 x 47mH	6 x 0.47μF + 4 x 22nF	100.0 x 75.0 x 110.0	1.15
	NFK30-2A31	550/250VAC (50-60Hz)	3 x 2.0 A	3 x 24mH	6 x 0.47μF + 4 x 22nF	100.0 x 75.0 x 110.0	1.15
	NFK30-4A31	550/250VAC (50-60Hz)	3 x 4.0 A	3 x 12mH	6 x 0.47μF + 4 x 22nF	100.0 x 75.0 x 110.0	1.15
	NFK30-8A31	550/250VAC (50-60Hz)	3 x 8.0 A	3 x 5.8mH	6 x 0.47μF + 4 x 22nF	100.0 x 75.0 x 110.0	1.15
	NFK30-12A31	550/250VAC (50-60Hz)	3 x 12.0 A	3 x 3.5mH	6 x 0.47μF + 4 x 22nF	100.0 x 75.0 x 110.0	1.15
	NFK30-16A31	550/250VAC (50-60Hz)	3 x 16.0 A	3 x 2.8mH	6 x 0.47μF + 4 x 22nF	100.0 x 75.0 x 110.0	1.15
	NFK855-8A31	520VAC (44-66Hz)	3 x 8.0 A	3 x 5.8mH	6 x 0.47μF + 4 x 22nF	64.0 x 100.0 x 120.0	1.50
	NFK855-16A31	520VAC (44-66Hz)	3 x 16.0 A	3 x 2.8mH	6 x 0.47μF + 4 x 22nF	64.0 x 100.0 x 120.0	1.50
	NFK855-20A31	520VAC (44-66Hz)	3 x 20.0 A	3 x 2.3mH	6 x 0.47μF + 4 x 22nF	64.0 x 100.0 x 120.0	1.50
	NFK5135-16A31-H	520VAC (40-66Hz)	3 x 16.0 A	3 x 2.4mH	3 x 2.2μF + 3 x 1.0μF (X2) 1 x 1.0μF (Y2)	51.0 x 181.0 x 160.5	2.50
	NFK5135-16A31-W	520VAC (40-66Hz)	3 x 16.0 A	3 x 2.4mH	3 x 2.2μF + 3 x 1.0μF (X2) 1 x 1.0μF (Y2)	51.0 x 181.0 x 160.5	2.50
	NFK5135-25A31-H	520VAC (40-66Hz)	3 x 25.0 A	3 x 1.4mH	3 x 2.2μF + 3 x 1.0μF (X2) 1 x 1.0μF (Y2)	51.0 x 181.0 x 160.5	2.50
	NFK5135-25A31-W	520VAC (40-66Hz)	3 x 25.0 A	3 x 1.4mH	3 x 2.2μF + 3 x 1.0μF (X2) 1 x 1.0μF (Y2)	51.0 x 181.0 x 160.5	2.50
	NFK4135-35A31-H	520VAC (40-66Hz)	3 x 35.0 A	3 x 1.4mH	3 x 2.2μF + 3 x 1.0μF (X2) 1 x 1.0μF (Y2)	83.0 x 181.0 x 160.5	4.20
	NFK4135-35A31-W	520VAC (40-66Hz)	3 x 35.0 A	3 x 1.4mH	3 x 2.2μF + 3 x 1.0μF (X2) 1 x 1.0μF (Y2)	83.0 x 181.0 x 160.5	4.20

说明：-H指导轨安装方式；-W指螺丝安装方式。二者选其一，详见安装图。

EMC 滤波器产品列表 (续)

外形	型号	额定电压	额定电流	感应系数	容量	外形尺寸(WxHxD)mm	重量Kg
三相二阶滤波器优化非对称干扰							
	NFK870-8A32	520VAC (44-66Hz)	3 x 8.0 A	3 x 5.8mH + 3 x 5.8mH	6 x 0.47μF + 4 x 22nF	79.0 x 100.0 x 120.0	2.00
	NFK870-16A32	520VAC (44-66Hz)	3 x 16.0 A	3 x 2.8mH + 3 x 2.8mH	6 x 0.47μF + 4 x 22nF	79.0 x 100.0 x 120.0	2.00
	NFK870-20A32	520VAC (44-66Hz)	3 x 20.0 A	3 x 2.3mH + 3 x 2.3mH	6 x 0.47μF + 4 x 22nF	79.0 x 100.0 x 120.0	2.00
	NFK5135-16A32-H	520VAC (40-66Hz)	3 x 16.0 A	3 x 2.4mH + 3 x 14μH	3 x 2.2μF + 6 x 1.0μF (X2) 2 x 0.47μF (Y2)	51.0 x 181.0 x 160.5	2.50
	NFK5135-16A32-W	520VAC (40-66Hz)	3 x 16.0 A	3 x 2.4mH + 3 x 14μH	3 x 2.2μF + 6 x 1.0μF (X2) 2 x 0.47μF (Y2)	51.0 x 181.0 x 160.5	2.50
	NFK5135-30A32-H	520VAC (40-66Hz)	3 x 30.0 A	3 x 1.4mH + 3 x 10μH	3 x 2.2μF + 6 x 1.0μF (X2) 2 x 0.47μF (Y2)	51.0 x 181.0 x 160.5	2.50
	NFK5135-30A32-W	520VAC (40-66Hz)	3 x 30.0 A	3 x 1.4mH + 3 x 10μH	3 x 2.2μF + 6 x 1.0μF (X2) 2 x 0.47μF (Y2)	51.0 x 181.0 x 160.5	2.50
	NFK4135-35A32-H	520VAC (40-66Hz)	3 x 35.0 A	3 x 1.4mH + 3 x 10μH	3 x 2.2μF + 6 x 1.0μF (X2) 2 x 0.47μF (Y2)	83.0 x 181.0 x 160.5	4.20
	NFK4135-35A32-W	520VAC (40-66Hz)	3 x 35.0 A	3 x 1.4mH + 3 x 10μH	3 x 2.2μF + 6 x 1.0μF (X2) 2 x 0.47μF (Y2)	83.0 x 181.0 x 160.5	4.20
说明: -H导轨安装方式; -W指螺丝安装方式。二者选其一, 详见安装图。							
三相+中线一阶滤波器优化非对称干扰							
	NFK30-1A31	550/250VAC (50-60Hz)	4 x 1.0 A	4 x 27mH	6 x 0.47μF + 4 x 22nF	100.0 x 75.0 x 110.0	1.15
	NFK30-2A31	550/250VAC (50-60Hz)	4 x 2.0 A	4 x 13mH	6 x 0.47μF + 4 x 22nF	100.0 x 75.0 x 110.0	1.15
	NFK30-4A31	550/250VAC (50-60Hz)	4 x 4.0 A	4 x 6.7mH	6 x 0.47μF + 4 x 22nF	100.0 x 75.0 x 110.0	1.15
	NFK30-8A31	550/250VAC (50-60Hz)	4 x 8.0 A	4 x 3.2mH	6 x 0.47μF + 4 x 22nF	100.0 x 75.0 x 110.0	1.15
	NFK30-12A31	550/250VAC (50-60Hz)	4 x 12.0 A	4 x 2.0mH	6 x 0.47μF + 4 x 22nF	100.0 x 75.0 x 110.0	1.15
	NFK30-16A31	550/250VAC (50-60Hz)	4 x 16.0 A	4 x 1.6mH	6 x 0.47μF + 4 x 22nF	100.0 x 75.0 x 110.0	1.15
	NFK5135-16A41-H	520VAC (40-66Hz)	4 x 16.0 A	4 x 1.4mH	3 x 2.2μF + 3 x 1.0μF (X2) 1 x 1.0μF (Y2)	51.0 x 181.0 x 160.5	2.50
	NFK5135-16A41-W	520VAC (40-66Hz)	4 x 16.0 A	4 x 1.4mH	3 x 2.2μF + 3 x 1.0μF (X2) 1 x 1.0μF (Y2)	51.0 x 181.0 x 160.5	2.50
	NFK5135-25A41-H	520VAC (40-66Hz)	4 x 25.0 A	4 x 900μH	3 x 2.2μF + 3 x 1.0μF (X2) 1 x 1.0μF (Y2)	51.0 x 181.0 x 160.5	2.50
	NFK5135-25A41-W	520VAC (40-66Hz)	4 x 25.0 A	4 x 900μH	3 x 2.2μF + 3 x 1.0μF (X2) 1 x 1.0μF (Y2)	51.0 x 181.0 x 160.5	2.50
	NFK4135-35A41-H	520VAC (40-66Hz)	4 x 35.0 A	4 x 900μH	3 x 2.2μF + 3 x 1.0μF (X2) 1 x 1.0μF (Y2)	83.0 x 181.0 x 160.5	4.20
	NFK4135-35A41-W	520VAC (40-66Hz)	4 x 35.0 A	4 x 900μH	3 x 2.2μF + 3 x 1.0μF (X2) 1 x 1.0μF (Y2)	83.0 x 181.0 x 160.5	4.20
说明: -H导轨安装方式; -W指螺丝安装方式。二者选其一, 详见安装图。							
三相+中线二阶滤波器优化非对称干扰							
	NFK855-8A42	520VAC (44-66Hz)	4 x 8.0 A	4 x 3.2mH + 4 x 3.2mH	9 x 1.0μF + 5 x 22nF	94.0 x 100.0 x 120.0	2.35
	NFK855-16A42	520VAC (44-66Hz)	4 x 16.0 A	4 x 1.6mH + 4 x 1.6mH	9 x 1.0μF + 5 x 22nF	94.0 x 100.0 x 120.0	2.35
	NFK855-20A42	520VAC (44-66Hz)	4 x 20.0 A	4 x 1.3mH + 4 x 1.3mH	9 x 1.0μF + 5 x 22nF	94.0 x 100.0 x 120.0	2.35
	NFK5135-16A42-H	520VAC (40-66Hz)	4 x 16.0 A	4 x 1.4mH + 4 x 14μH	3 x 2.2μF + 6 x 1.0μF (X2) 2 x 0.47μF (Y2)	51.0 x 181.0 x 160.5	2.50
	NFK5135-16A42-W	520VAC (40-66Hz)	4 x 16.0 A	4 x 1.4mH + 4 x 14μH	3 x 2.2μF + 6 x 1.0μF (X2) 2 x 0.47μF (Y2)	51.0 x 181.0 x 160.5	2.50
	NFK5135-30A42-H	520VAC (40-66Hz)	4 x 30.0 A	4 x 900μH + 4 x 10μH	3 x 2.2μF + 6 x 1.0μF (X2) 2 x 0.47μF (Y2)	83.0 x 181.0 x 160.5	4.20
	NFK5135-30A42-W	520VAC (40-66Hz)	4 x 30.0 A	4 x 900μH + 4 x 10μH	3 x 2.2μF + 6 x 1.0μF (X2) 2 x 0.47μF (Y2)	83.0 x 181.0 x 160.5	4.20
	NFK4135-35A42-H	520VAC (40-66Hz)	4 x 35.0 A	4 x 900μH + 4 x 10μH	3 x 2.2μF + 6 x 1.0μF (X2) 2 x 0.47μF (Y2)	83.0 x 181.0 x 160.5	4.20
	NFK4135-35A42-W	520VAC (40-66Hz)	4 x 35.0 A	4 x 900μH + 4 x 10μH	3 x 2.2μF + 6 x 1.0μF (X2) 2 x 0.47μF (Y2)	83.0 x 181.0 x 160.5	4.20
说明: -H导轨安装方式; -W指螺丝安装方式。二者选其一, 详见安装图。							