Multi-stage High Performance AC/DC Filter
多级高性能EMC/EMI滤波器

Product Profile 产品简述

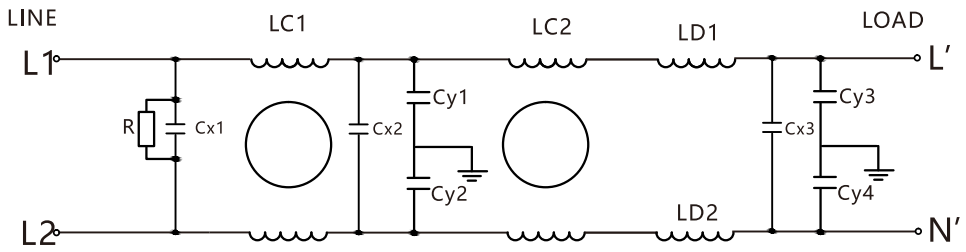
●Enhance the Performance by more than two stages filtering during the low frequency interference (10KHz ~ 300KHz)
● High efficiency when filtering 5KHz ~ 50MHz wide band
●Better common/differential mode filtering performance and more excellent low-frequency filtering effect
● Especially apply to equipment or electromagnetic environment with strong interference.
● Rated current: 3 ~ 150A (optional)
●Electronic and electrical equipment, data communication equipment
● Switching power supply, inverter, VFD...
● Strong electromagnetic interference environment, such as single-phase servo drive, PLC...

● 两级以上滤波，加强10KHz～300KHz低频干扰的滤波效果
● 5KHz ~ 50MHz 宽频带高效滤波
● 更高的共、差模滤波效果及更优异的低频滤波效果
● 特别适用干扰情况特别恶劣的设备和电磁环境
● 额定电流：3 ~ 150A 可选
● 电子电气设备、数据通讯设备
● 开关电源、逆变器、变频器设备
● 单相伺服电机、PLC 等强电磁干扰环境

Product Parameters 产品参数

Rated Voltage:	250VAC	额定电压:	250VAC
Rated Current:	3 ~ 150A@40℃	额定电流:	3 ~ 150A@40℃
Operating Frequency:	0~400Hz	工作频率:	0~400Hz
Test Voltage (1 minute):	L-N: 1500VDC, 1min; L/N -E: 1750VAC, 1min	试验电压:	L-N: 1500VDC, 1min; L/N -E: 1750VAC, 1min
Range of Temperature:	-25℃ ~ 85℃	温度范围:	-25℃ ~ 85℃
Insulation Resistance:	L/N-E, 500VDC, ≥500MΩ	绝缘电阻:	L/N-E, 500VDC, ≥500MΩ
Leakage Current:	L/N-E, 250VAC/50Hz, ≤2mA	泄漏电流:	L/N-E, 250VAC/50Hz, ≤2mA
Design corresponding to:	EN 133200, IEC/EN60939, GB/T15288-94 GB7343-1987, GB/T14472(IEC384-14)	执行标准:	EN 133200, IEC/EN60939, GB/T15288-94 GB7343-1987, GB/T14472(IEC384-14)

Electrical Diagram 电气原理图



Product Size 产品尺寸图

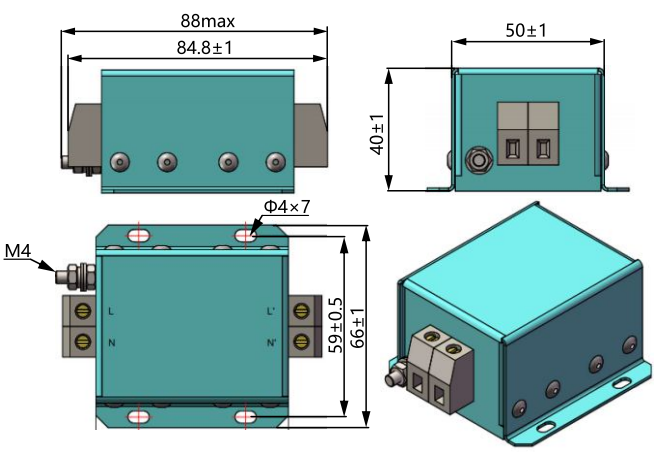


Fig. A

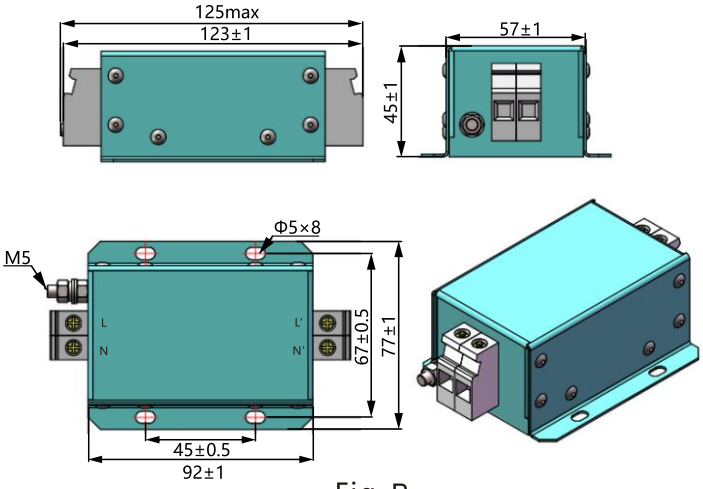


Fig. B

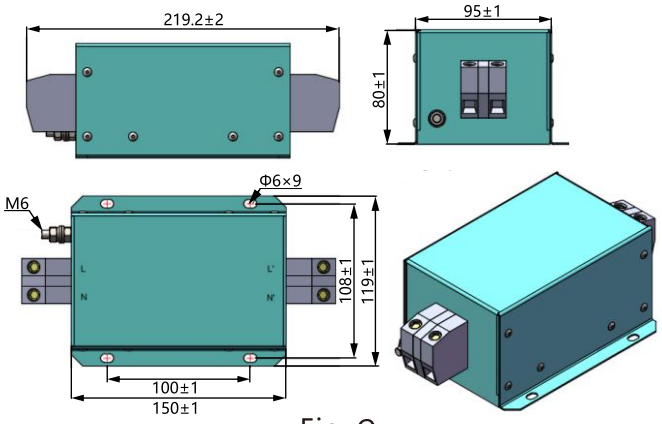


Fig. C

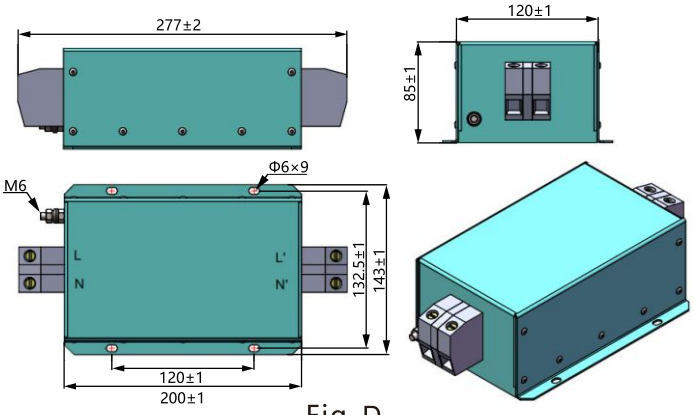
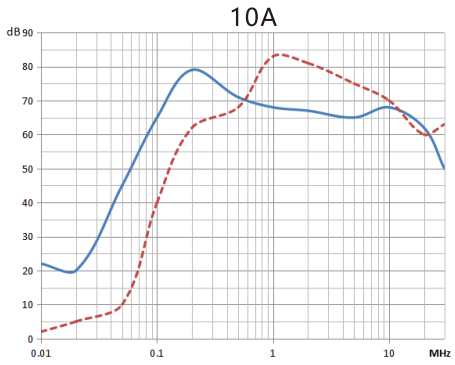


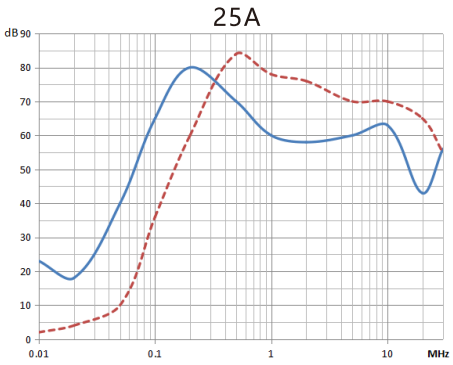
Fig. D

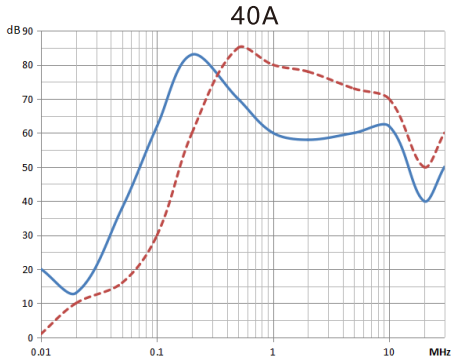
Selection Table

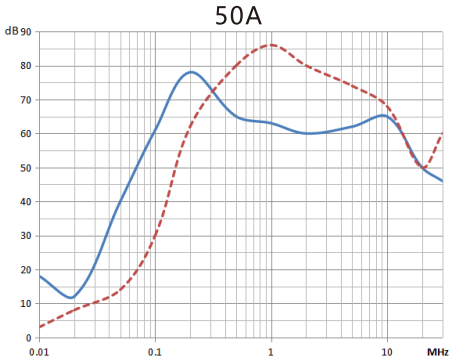
Type	Rated Current (A)	Dimension Fig.	Leakage Current (mA)	Wire Range	Weight (kg)
SKS-SFG-0003/2-T	3	A	≤1.0	30-10AWG	0.3
SKS-SFG-0006/2-T	6	A	≤1.0	30-10AWG	0.3
SKS-SFG-0010/2-T	10	A	≤1.0	24-8AWG	0.3
SKS-SFG-0015/2-T	15	B	≤1.2	24-8AWG	0.65
SKS-SFG-0020/2-T	20	B	≤1.2	24-8AWG	0.65
SKS-SFG-0025/2-T	25	B	≤1.2	24-8AWG	0.65
SKS-SFG-0030/2-T	30	C	≤1.2	24-4AWG	2.8
SKS-SFG-0040/2-T	40	C	≤1.2	24-4AWG	2.8
SKS-SFG-0050/2-T	50	C	≤1.6	24-4AWG	2.8
SKS-SFG-0060/2-T	60	C	≤1.6	24-4AWG	2.8
SKS-SFG-0080/2-T	80	D	≤2.0	8-2AWG	4.2
SKS-SFG-0100/2-T	100	D	≤2.0	8-2AWG	4.2
SKS-SFG-0120/2-T	120	D	≤2.0	8-2AWG	4.2
SKS-SFG-0150/2-T	150	D	≤2.0	8-2AWG	4.2

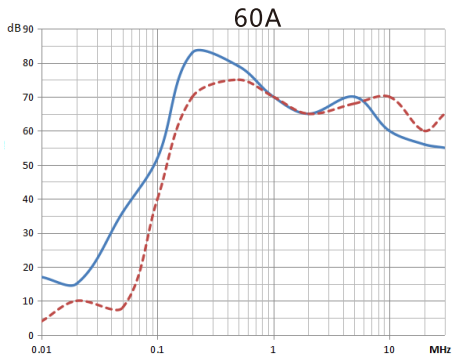
Insertion Loss

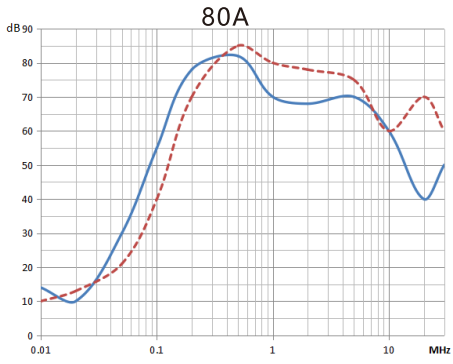


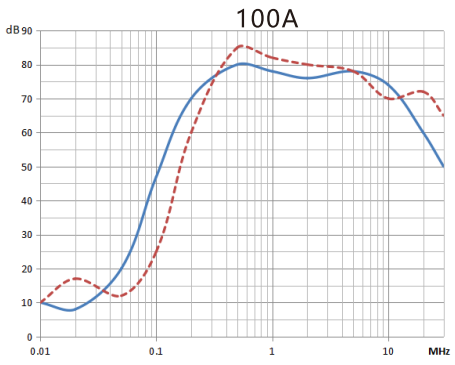


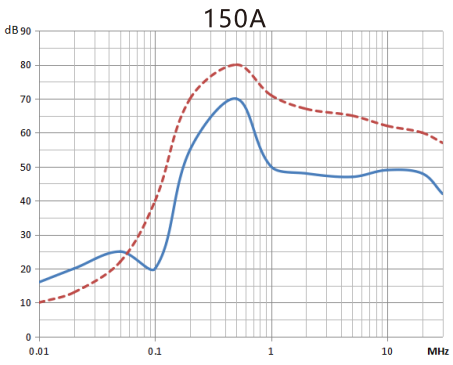












Common Mode ——
Differential Mode - - - -

*注：插入损耗根据IEC/CISPR17，在空载50Ω—50Ω测试系统下测得，最终效果以在实际工作状态下数据为准。

Note: The insertion loss is measured by IEC/CISPR 17 under the no-load 50Ω-50Ω test system. The final effect is based on the actual working condition data.

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