

Safe and ergonomic EMC/EMI filter with very low leakage current
 单相交流医用滤波器，极低漏电流



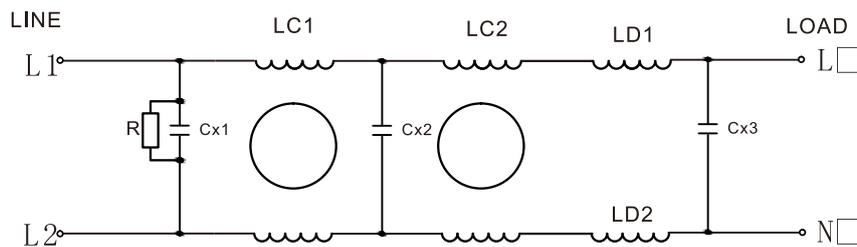
Product Profile 产品简述

- Excellent common/differential mode filtering performance by more than two stages filtering
 - Enhance anti-interference ability to ensure the accurate and stable operation of medical equipment.
 - The extremely low leakage current can fully meet the requirements of medical equipment
 - Rated current: 3 ~ 120A (optional)
 - Applicable to various types of medical equipment
 - Apply to electronic equipment with strict leakage current requirements
- 两级以上滤波，优异的共、差模滤波效果
 - 保证医疗设备准确、稳定工作，提高抗干扰能力
 - 漏电流极低，完全符合医疗设备相关标准的要求
 - 额定电流：3 ~ 120A 可选
 - 适用各种类型医疗设备
 - 对漏电流有严格要求的电子设

Product Parameters 产品参数

Rated Voltage:	250VAC	额定电压:	250VAC
Rated Current:	3 ~ 120A@40°C	额定电流:	3 ~ 120A@40°C
Operating Frequency:	50/60Hz	工作频率:	50/60Hz
Test Voltage (1 minute):	L-N: 1500VDC, 1min; L/N-E: 3000VAC, 1min	试验电压:	L-N: 1500VDC, 1min; L/N-E: 3000VAC, 1min
Range of Temperature:	-25°C ~ 85°C	温度范围:	-25°C ~ 85°C
Insulation Resistance:	L/N-E, 500VDC, ≥500MΩ	绝缘电阻:	L/N-E, 500VDC, ≥500MΩ
Leakage Current:	L/N-E, 250VAC/50Hz, ≤0.005mA	泄漏电流:	L/N-E, 250VAC/50Hz, ≤0.005mA
Design corresponding to:	EN 133200, IEC/EN60601-1, IEC/EN60939, GB/T15288, GB7343-1987, GB9706.1, GB/T14472(IEC384-14)	执行标准:	EN 133200, IEC/EN60601-1, IEC/EN60939, GB/T15288, GB7343-1987, GB9706.1, GB/T14472(IEC384-14)

Electrical Diagram 电气原理图



Product Size 产品尺寸图

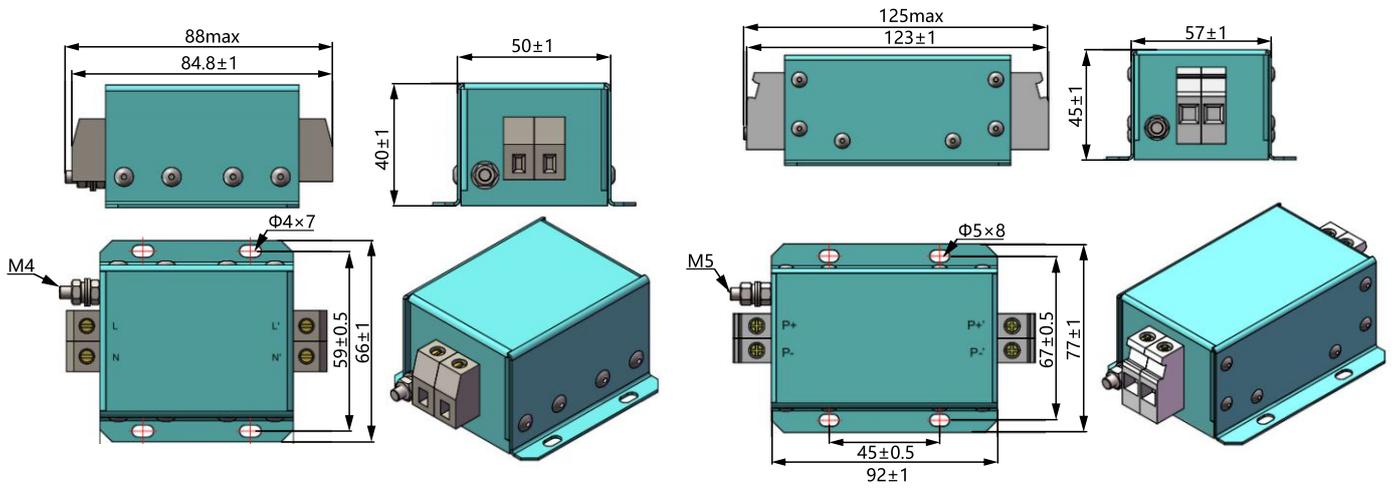


Fig. A

Fig. B

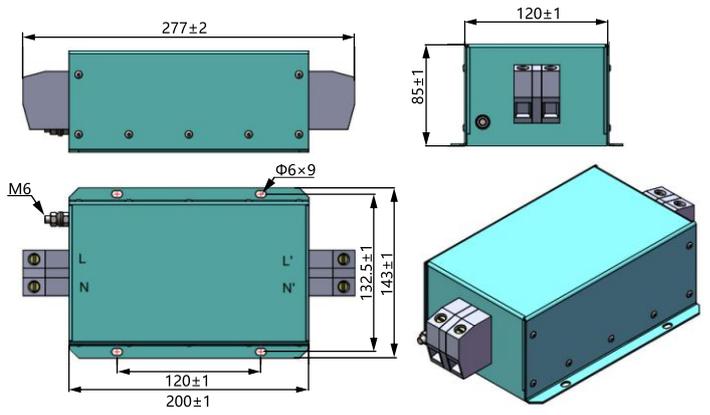
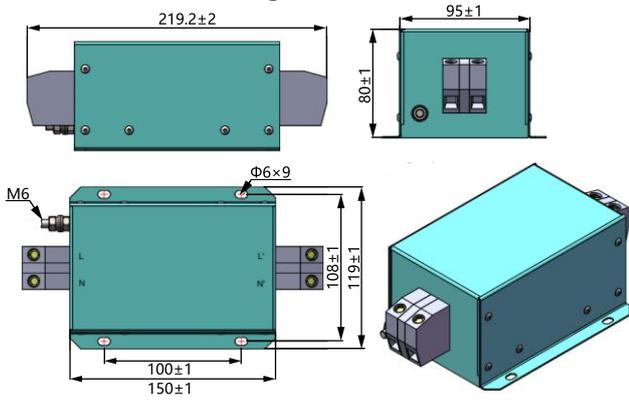


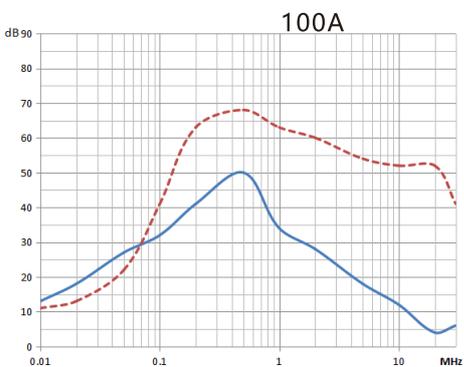
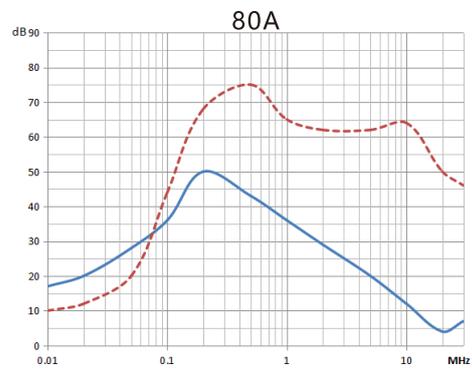
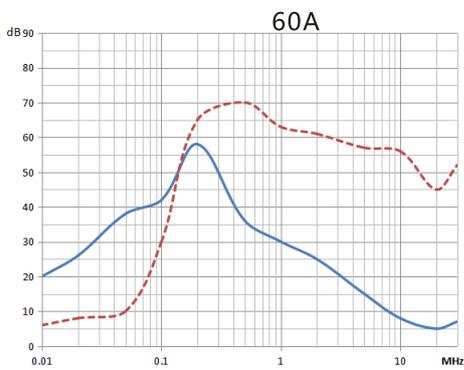
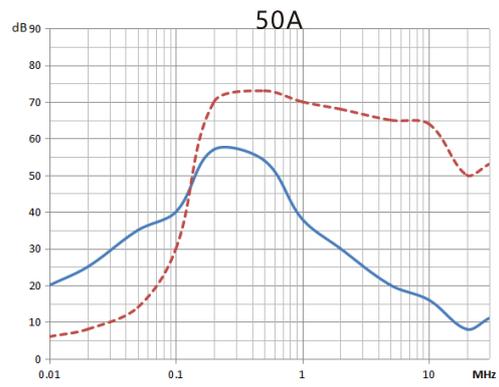
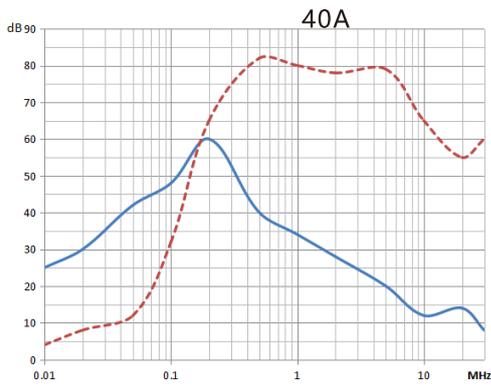
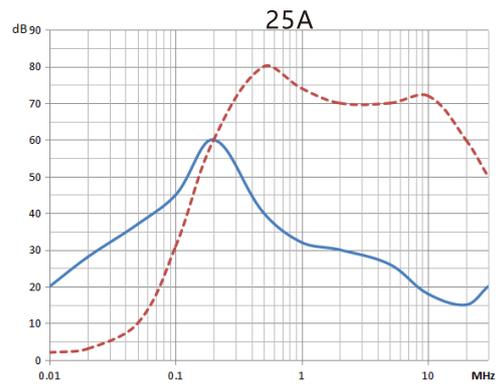
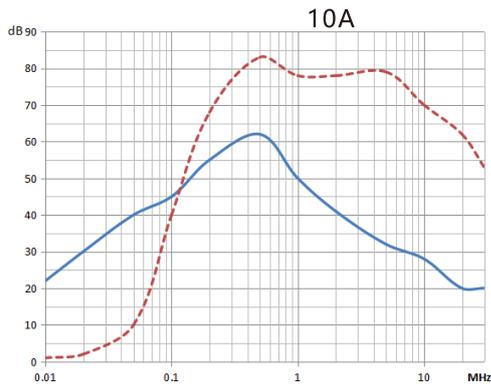
Fig. C

Fig. D

■ Selection Table

Type	Rated Current (A)	Mechanical Diagram	Leakage Current (mA)	Wire Range	Weight (kg)
SKS-SFD-0003/2-T	3	A	≤0.005	30-10AWG	0.3
SKS-SFD-0006/2-T	6	A	≤0.005	30-10AWG	0.3
SKS-SFD-0010/2-T	10	A	≤0.005	30-10AWG	0.3
SKS-SFD-0015/2-T	15	B	≤0.005	24-8AWG	0.65
SKS-SFD-0020/2-T	20	B	≤0.005	24-8AWG	0.65
SKS-SFD-0025/2-T	25	B	≤0.005	24-8AWG	0.65
SKS-SFD-0030/2-T	30	C	≤0.005	24-4AWG	2.8
SKS-SFD-0040/2-T	40	C	≤0.005	24-4AWG	2.8
SKS-SFD-0050/2-T	50	C	≤0.005	24-4AWG	2.8
SKS-SFD-0060/2-T	60	C	≤0.005	24-4AWG	2.8
SKS-SFD-0080/2-T	80	D	≤0.005	8-2AWG	4.2
SKS-SFD-0100/2-T	100	D	≤0.005	8-2AWG	4.2
SKS-SFD-0120/2-T	120	D	≤0.005	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.