

High-Performance single-phase EMC/EMI filter
单相交流增强型滤波器



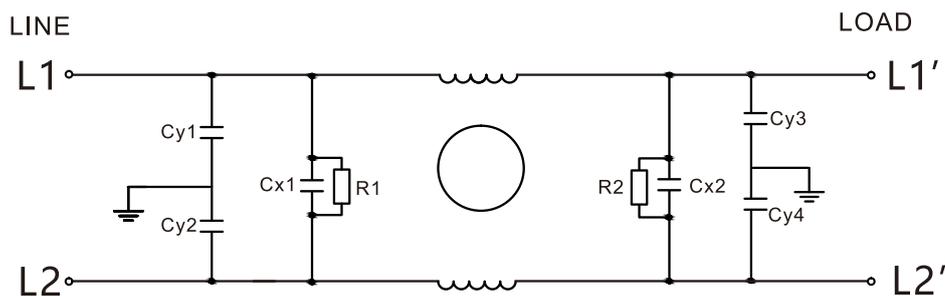
Product Profile 产品简述

- Smaller volume, less weight
- Excellent filtering performance to mid frequency and low frequency
- electromagnetic interference of 150KHz ~ 5MHz can suppressed greatly in the circuit.
- Terminal block is safe, durable and easy to operate
- It applies in most single-phase circuit for UPS, VFD, and inverter
- 体积小、重量轻
- 中、低频滤波性能优异
- 可有效抑制电路中150KHz ~ 5MHz电磁干扰
- 接线端采用端子台，接线安全、方便、可靠
- 适用于大多数单相供电设备
- 适用于UPS、变频器、逆变设备

Product Parameters 产品参数

Rated Voltage:	AC115V/250V	额定电压:	AC115V/250V
Rated Current:	5 ~ 40A@40°C	额定电流:	5 ~ 40A@40°C
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°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, ≤1mA	泄漏电流:	L/N-E, 250VAC/50Hz, ≤1mA

Electrical Diagram 电气原理图



■ Product Size 产品尺寸图

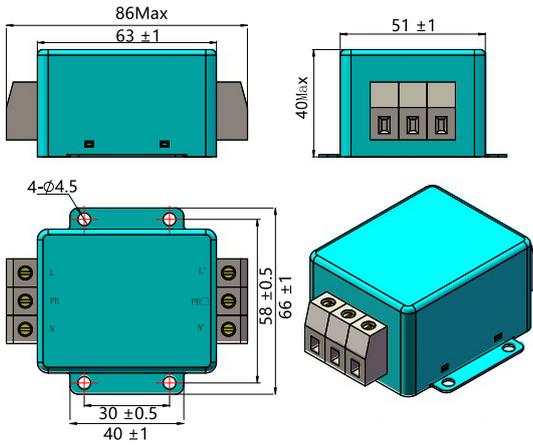


Fig. A

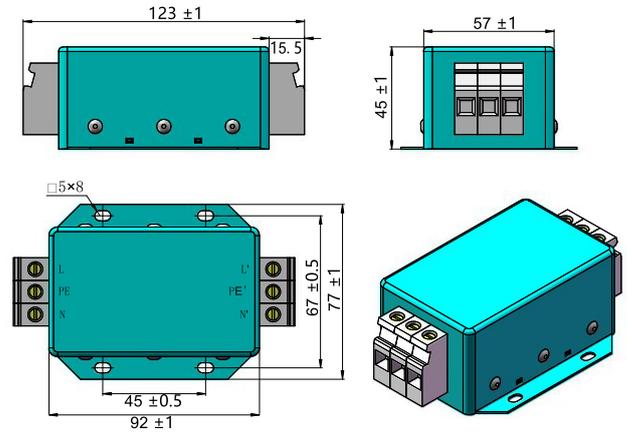
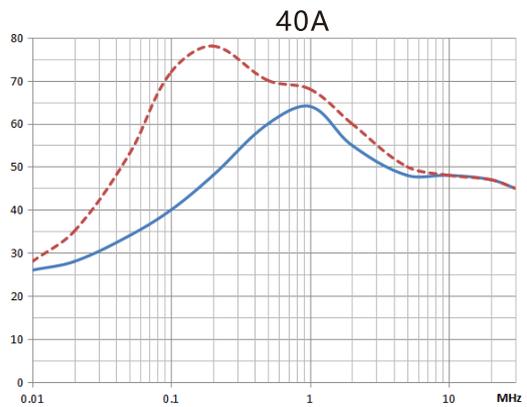
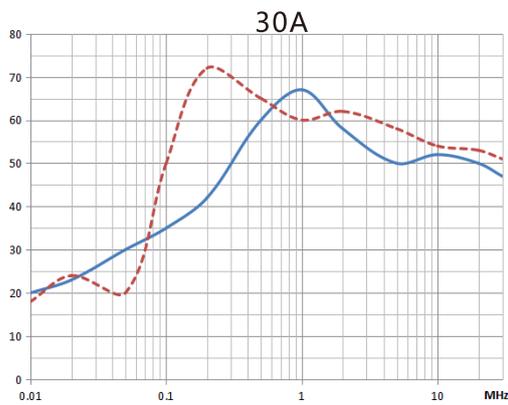
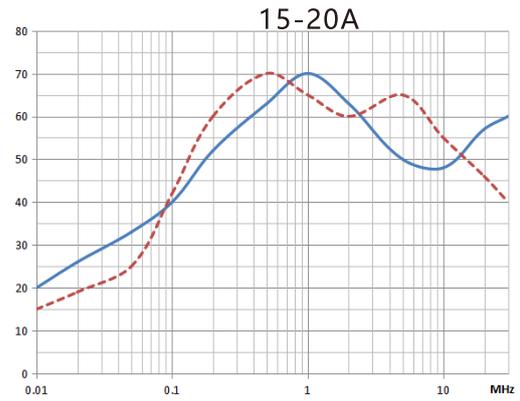
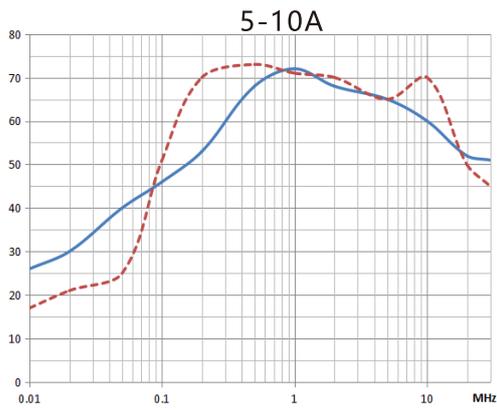


Fig. B

■ Selection Table

Type	Rated Current (A)	Mechanical Diagram	Leakage Current (mA)	Wire Range	Weight (kg)
SKS-SFI-0005/2-T	5	A	≤1.0	30-10AWG	0.25
SKS-SFI-0010/2-T	10	A	≤1.0	30-10AWG	0.25
SKS-SFI-0015/2-T	15	A	≤1.0	30-10AWG	0.25
SKS-SFI-0020/2-T	20	A	≤1.0	30-10AWG	0.25
SKS-SFI-0030/2-T	30	B	≤1.0	24-8AWG	0.55
SKS-SFI-0040/2-T	40	B	≤1.0	24-8AWG	0.55

Selection Table



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.