



## 特点和应用 Features and Applications

- ◆ 采用新型端子台设计, 接线便捷
- ◆ 优越的低频衰减特性, 良好的共模和差模干扰抑制能
- ◆ 有效抑制沿电源线传输的工业噪声干扰
- ◆ 适用于电信系统, 医用设备, 工业控制装置中的高性能电源滤波
- The new terminal block design is adopted for convenient wiring
- Excellent low frequency attenuation characteristics, superior commonmode and differential mode interference suppression energy
- Effectively suppress the industrial noise interference transmitted along the power line
- It is suitable for high-performance power filtering in telecommunications systems, medical equipment and industrial control devices



## 技术参数: Technical Specifications

额定电压 Rated Voltage	440VAC
工作频率 Operating Frequency	50/60Hz
额定电流 Rated Current	6A—200A
耐压试验(一分钟) Test Voltage(1min)	1500VDC(Line/Line) 1500VAC(Line/Ground)
气候类别 Climatic Category	25/085/21
平均无故障时间 MTBF	0.2Million hours@40°C/440V

型号 Model	额定电流 Rated Current (A)	外型尺寸 Dimension fig	绝缘电阻 Insulation Resistance	泄 漏 电 流 Leakage Current (≤mA)	电路图 Circuit Diagram fig	端子方式 Termina		螺钉扭矩 Screw torque (Nm)
						输入 VIN	输出 VO	
SGFG7-6A2	6A	1	≥500MΩ	0.8	1			1.2
SGFG7-10A2	10A	1	≥500MΩ	1.5	2			1.2
SGFU7-20A2	20A	2	≥500MΩ	1.5	2			1.2
SGFH7-30A2	30A	3	≥500MΩ	2.0	2			1.2
SGFH7-40A2	40A	3	≥500MΩ	2.0	2			2.5
SGFT7-50A2	50A	4	≥500MΩ	2.2	2			2.5
SGFT7-60A2	60A	4	≥500MΩ	2.2	2			2.5
SGFO7-80A2	80A	5	≥500MΩ	2.2	2			4.0
SGFO7-100A2	100A	5	≥500MΩ	2.2	2			4.0
SGFJ7-150A2	150A	6	≥500MΩ	4.0	2			7.5
SGFJ7-200A2	200A	6	≥500MΩ	4.0	2			7.5

注) 常规型号列表, 未列出型号可联系销售索取资料

## 电路原理图 Electrical Schematics

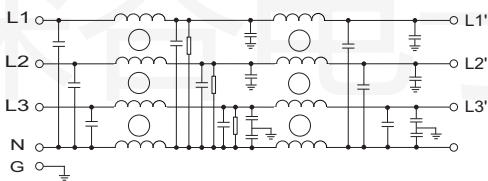


Fig.1

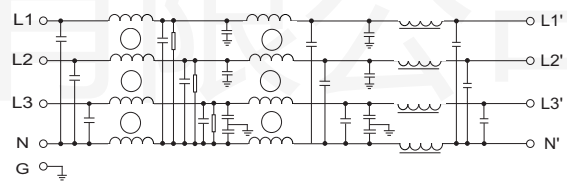


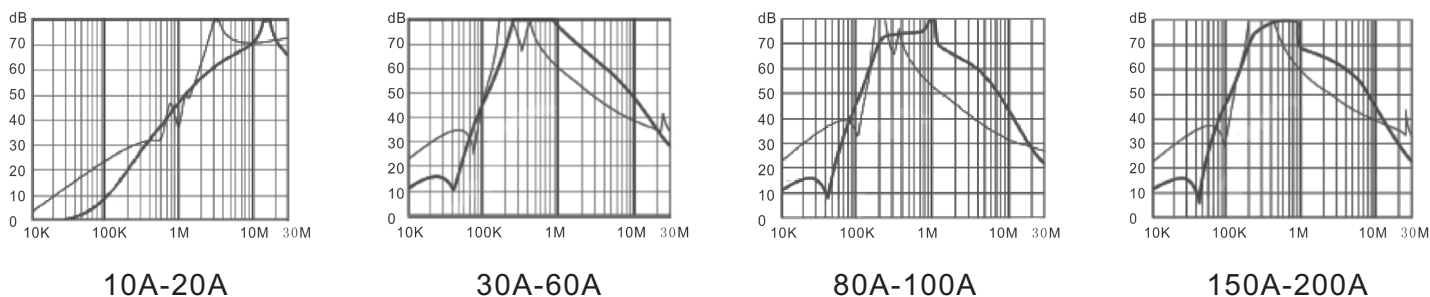
Fig.2

备注: 可根据客户要求定做滤波器

Note: Customers may request customized filters

典型插入损耗: (50 Ω 测试系统) Typical Insertion Losses: ( Measured in 50Ω system)

-- 共模 (Common Mode) -- 差模 (Differential Mode)



外形尺寸图: Outline Drawing & Dimensions

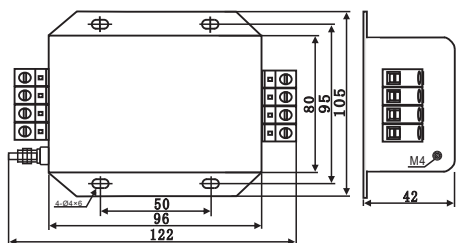


Fig.1

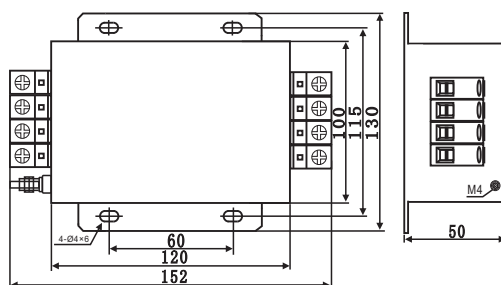


Fig.2

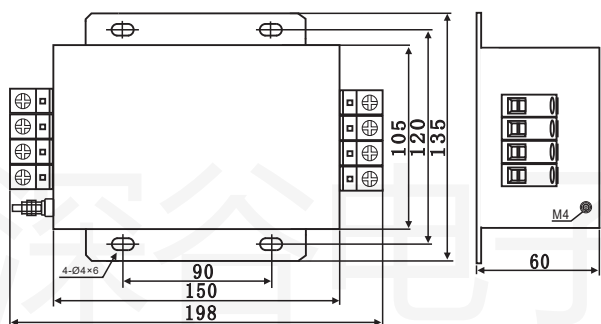


Fig.3

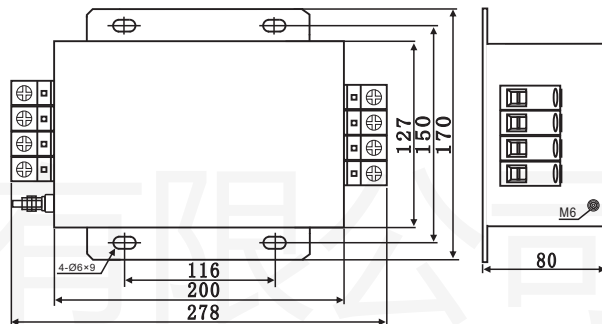


Fig.4

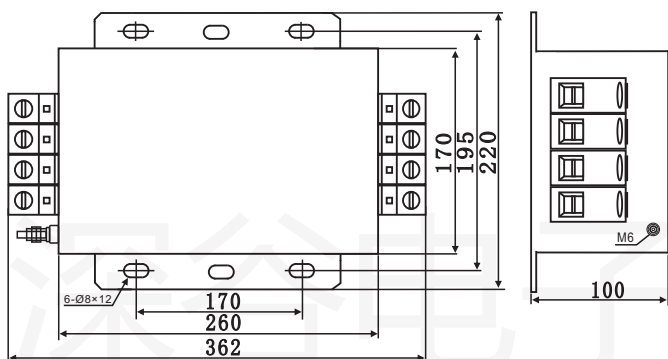


Fig.5

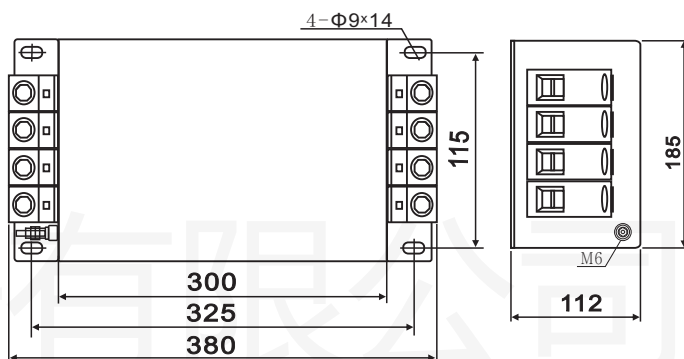


Fig.6

安装指导

- (1) 滤波器金属外壳与机箱平面保证良好接触, 并且确保机箱地线接地. 滤波器安装时, 输入与输出线拉开距离, 切勿平行走线, 避免任何形式的线间耦合。
- (2) 滤波器的安装位置紧靠机箱电源输入端口, 最大限度缩短输入线在机箱内的长度, 减少辐射干扰。
- (3) 螺栓式及端子式滤波器, 安装输入输出接线时, 锁螺母和锁螺钉时, 力度不应超过螺栓最大扭矩。