



- 额定电流最高达 250A  
Rated currents up to 250A
- 工业变频器和驱动马达的 EMC 解决方案  
Industry standard EMC solution for three-phase PDS filtering
- 卓越的扣减性能和抗干扰性  
Excellent attenuation performance
- 最高可达 690VAC  
Rated voltage can be achieved to 690VAC
- 安规认证: 

### 特点 Features

- 紧凑, 高性能双极三相滤波器  
Compact, high performance and double stage three phase power line filter
- 极佳的差模和共模衰减性能  
High performance of differential mode and common mode performance

### 应用 Application

- 用于工业设备、机器、工具如包装机、压机、钻机、镭射切割机、焊接机、电梯、扶梯等  
Mainly industrial equipment, machinery and machine tools such as packaging machines, extruders, milling and drilling machines, laser cutting machines, welding machines, elevators, escalators etc.
- 适用于大部分的马达驱动应用  
The filters are ideal for most motor drive applications

### 技术参数 Technical Data

额定电压 Rated Voltage	380/440VAC
工作频率 Operation Frequency	50/60Hz
额定电流 Rated Current	5-250A
耐压测试 Hi-pot Test	1450VDC, 2 sec (线对线 Line to Line) 2250VDC 2sec (线对地 Line to Ground)
泄漏电流 Leakage Current	90mA Max.
气候类别 Climate Category	25/85/21 (-25°C to +85°C)
设计参考标准 Design corresponding to	UL 1283, CSA 22.2 No. 8 1986, IEC/EN 60939

### 电路原理图 Electrical Schematic

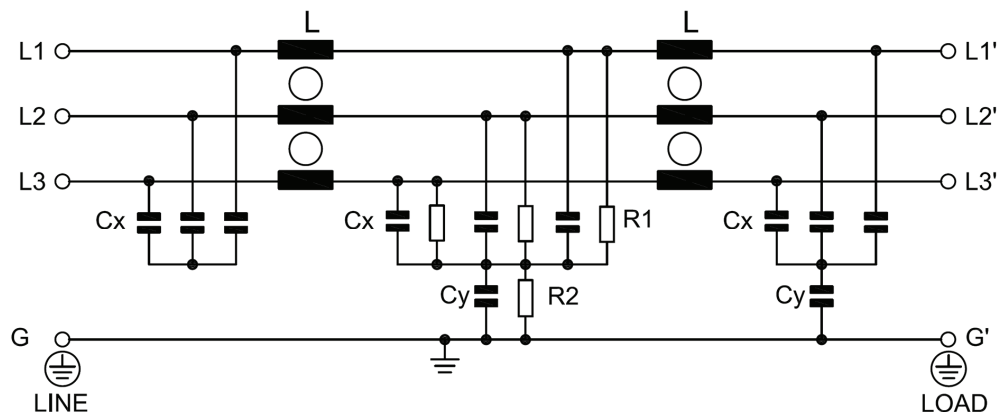


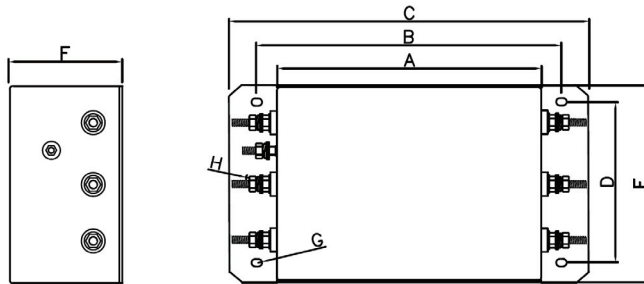


Fig 1

### 选型表 Type Selection Table

型号 Model	额定电流(A) Rated Current	泄漏电流(≤mA) Leakage Current	电路图 Circuit Diagram	外形尺寸 Dim. Fig.	出线端子方式 Output Connection	
					Screw 	Bar 
DF302-5A-01	5	10	Fig 1	N2	M4	-
DF302-10A-01	10	10	Fig 1	N2	M4	-
DF302-20A-01	20	20	Fig 1	N2	M4	-
DF302-30A-01	30	20	Fig 1	N5	M6	-
DF302-40A-01	40	20	Fig 1	N5	M6	-
DF302-50A-01	50	30	Fig 1	N10	M6	-
DF302-65A-01	65	30	Fig 1	N10	M6	-
DF302-80A-01	80	40	Fig 1	N10	M8	-
DF302-100A-01	100	40	Fig 1	N12	M8	-
DF302-120A-01	120	40	Fig 1	N12	M8	-
DF302-150A-01	150	60	Fig 1	N12	M10	-
DF302-200A-01	200	60	Fig 1	N12	M10	-
DF302-250A-01	250	60	Fig 1	N15	M10	-

### 外形尺寸 Outline Dimensions(mm)



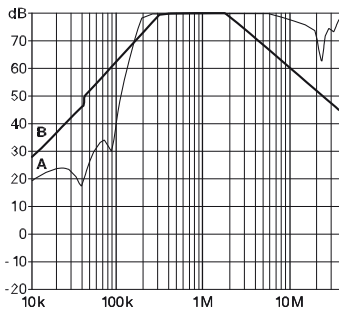
	A	B	C	D	E	F	G	H
N2	110	125	140	70.0	93	56	5.3*7	M4
N5	150	168	186	85.0	105	60	6.4*9	M6
N10	200	220	240	100.0	120	80	6.4*9	M6
N12	260	286	314	140.0	170	107	8.8*14	M8
N15	300	326	354	160.0	185	112	8.8*14	M10

### 插入损耗 Insertion Loss in dB

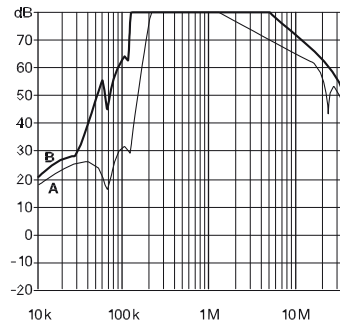
(50Ω/50Ω 环境下插入损耗 Insertion Loss in dB measured in a 50Ω/50Ω system, as IEC/CISPR No. 17 )

A=Differential mode (差模) B=Common Mode(共模)

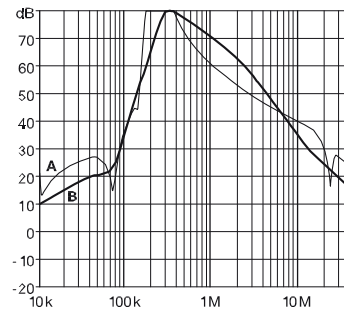
5 to 40 A types



50A to 100A types



120A to 250A type



备注：以上规格为公司标准产品，可根据客户产品定制设计产品性能和尺寸外观。

Remark: Customized products are available according to special performance or dimensions requirements

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