

ZYH-D系列直流EMI电源滤波器

ZYH-D series DC EMI filter

D系列 : D Series



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特点和应用: Features and Applications

主要应用于直流电源线的电磁干扰
Main DC power cord to the electromagnetic interference

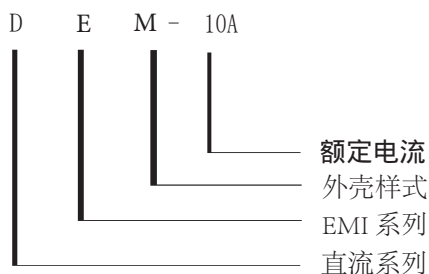
在很宽的频带 (10KHz—30MHz) 范围内具有优良的共模和差模插入损耗
Suppressing both CM and DM in a wide frequency range

范围内具有优良的共模和差模插入损耗 Suppressing both CM and DM in a wide frequency range (10KHz-30MHz)

高性能、低温升、低价格
High-performance, low-temperature rise, low prices

可协助使用直流电源的各类电子设备达到VDE和FCC等标准
To ensure the use of direct current power supply to the various electronic equipment such as VDE and FCC standards

订购信息: Ordering Information



可选型号 Available Part Numbers

型号 Type ZYH-	额定电流范围 Rated Current (A)	绝缘电阻 Insulation Resistance	端接方式 Terminal
DER	20 - 60	≥ 500	入Input 出Output
DEY	40 - 60	≥ 500	入Input 出Output
DEU	50 - 100	≥ 500	入Input 出Output
DEJ	80 - 300	≥ 500	入Input 出Output

规格: Specifications

每条线路对地的最大泄漏电流:

Maximum leakage current each Line to Ground:

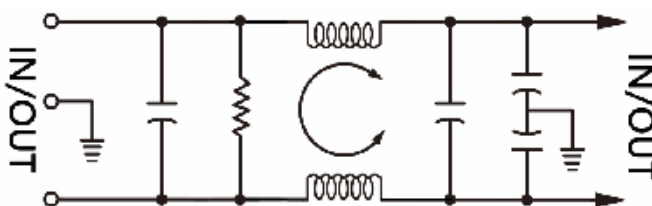
	DER	DEY	DEU	DEJ
@ 120 VAC 60 Hz:	$\leq 1.6\text{mA}$	$\leq 2.5\text{mA}$	$\leq 2.5\text{mA}$	$\leq 2.5\text{mA}$
@ 250 VAC 50 Hz:	$\leq 2.0\text{mA}$	$\leq 3.0\text{mA}$	$\leq 3.0\text{mA}$	$\leq 3.0\text{mA}$

Hipot额定值 (一分钟):

Hipot rating (one minute):

线路对地: Line to Ground:	800VDC
线对线: Line to Line:	500VDC
工作电压: Rated Voltage (max.):	0~400VDC
工作频率: Operating Frequency:	50/60HZ
额定电流: Rated Current:	30 - 300A

电路原理图Electrical Schematics



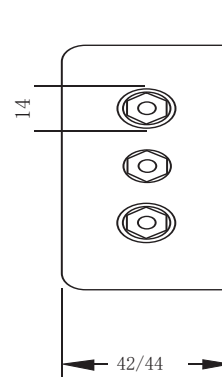
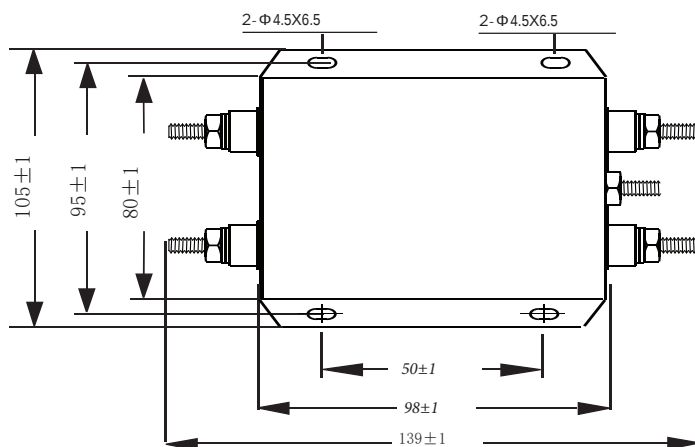
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ZYH-DseriesDC EMI filter(40~300A)

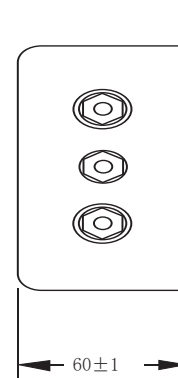
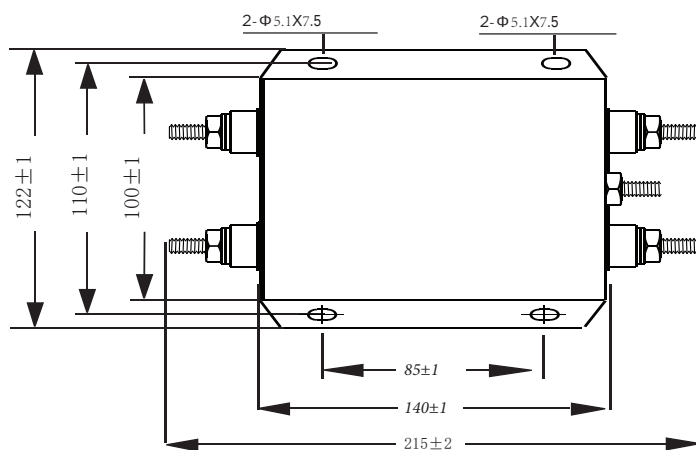
D系列：D Series

外壳样式：Case Styles

DER外壳样式：DER Case Styles



DEY外壳样式：DEY Case Styles



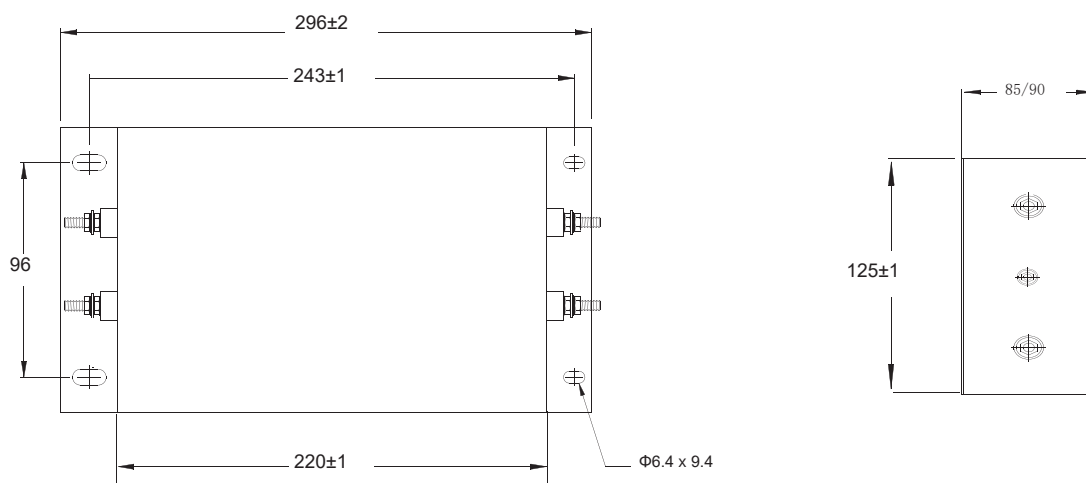
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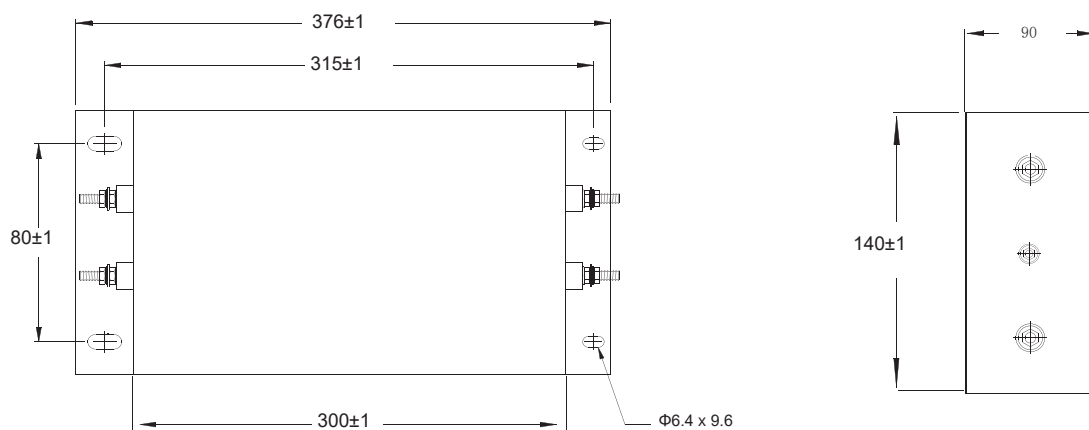
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性能参数

Performance Data

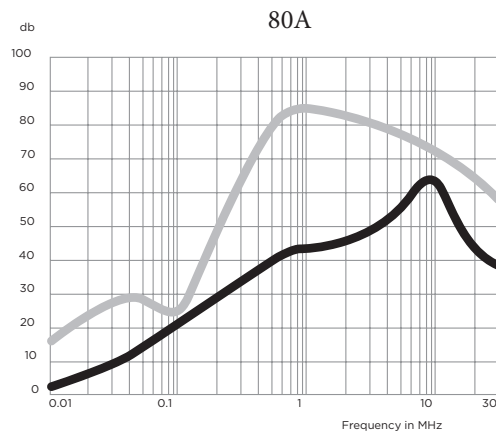
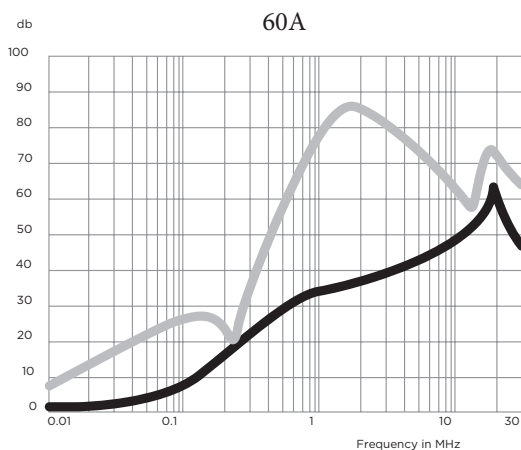
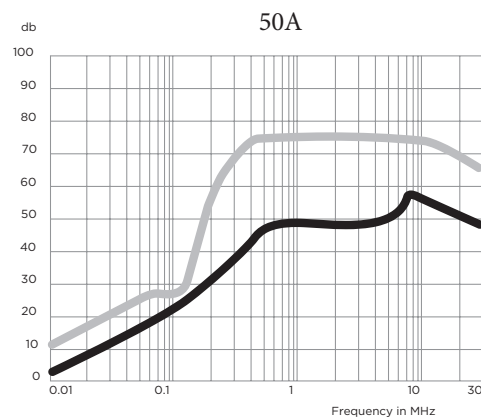
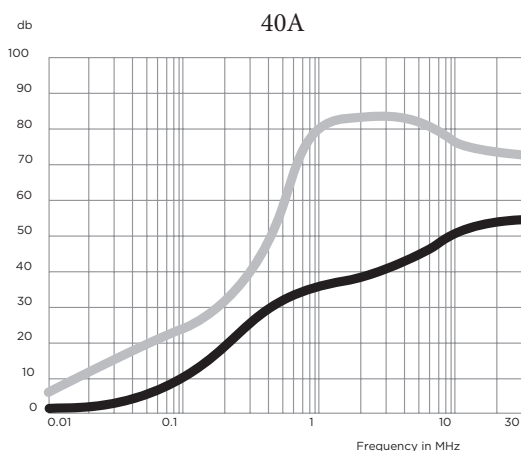
典型插入损耗

Typical Insertion Loss

在封闭的50欧姆系统中测量

Measured in closed 50 Ohm system

共模/不对称 (L-G)
 Common Mode / Asymmetrical (L-G)
 差模/对称 (L-L)
 Differential Mode / Symmetrical (L-L)



最小插入损耗 Minimum Insertion Loss

共模/不对称 (线对地)

Common Mode / Asymmetrical (Line to Ground)

Current Rating	Frequency – MHz						
	.05	.15	.05	1	5	10	30
40A	6	19	28	42	45	50	
50A	6	22	28	32	39	35	
60A	6	22	28	32	39	35	
80A	6	22	28	32	39	35	

差模/对称 (线对线)

Differential Mode / Symmetrical (Line to Line)

Current Rating	Frequency – MHz						
	.05	.15	.05	1	5	10	30
40A		2	40	60	65	57	55
50A		8	45	65	59	55	54
60A		13	49	67	57	53	53
80A		13	49	70	60	65	60