

ZYH-3F系列三相三线EMI电源滤波器

ZYH-3F series three phases three wires EMI filter

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特点和应用: Features and Applications

应用于380/440Vac三相三线连接的各类电源电子设备

Apply in various electronic equipments

同等功率下相对较小的体积

Relative small volume at equal power

主要用来抑制工业电网通过电源线对设备的电磁干扰

Mainly used to suppress the EMI to the equipment

in industrial power net

对线一线和线一地间干扰具有优良的抑制能力

Provide high performance of effectively

suppressing EMI both in line-to-line and line-to-

ground

订购信息: Ordering Information

3F E U - B - 50 A



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
			入Input 出Output
3FEU	50 - 80	≥ 500	
3FEJ	80 - 300	≥ 500	
3FET	300 - 500	≥ 500	
3FET-B	600 - 1000	≥ 500	



规格: Specifications

每条线路对地的最大泄漏电流:

Maximum leakage current each Line to Ground:

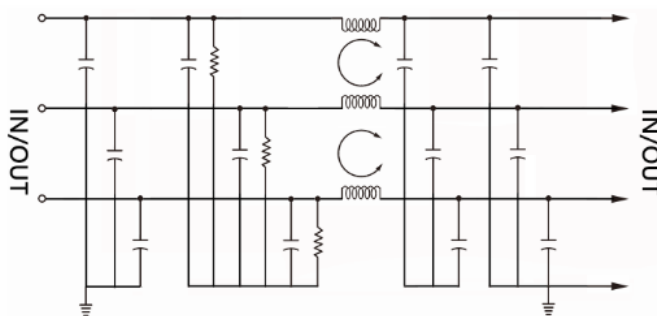
	3FEU	3FEJ	3FET/3FEV
@250VAC 60Hz:	$\leq 1.0\text{mA}$	$\leq 1.5\text{mA}$	$\leq 2\text{mA}$
@380VAC 50 Hz:	$\leq 1.5\text{mA}$	$\leq 2.0\text{mA}$	$\leq 2.5\text{mA}$

Hipot额定值 (一分钟):

Hipot rating (one minute):

线路对地:	1850VAC
Line to Ground:	
线对线:	1500VDC
Line to Line:	
工作电压:	380VAC
Rated Voltage (max.):	
工作频率:	50/60HZ
Operating Frequency:	
额定电流:	50- 1000A
Rated Current:	

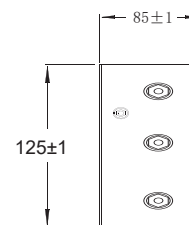
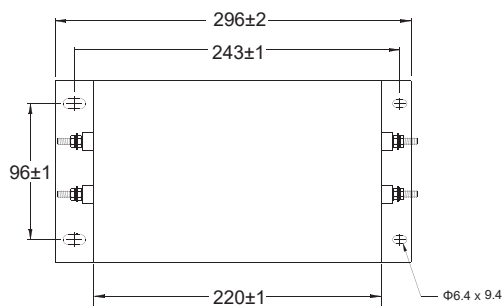
电路原理图Electrical Schematics



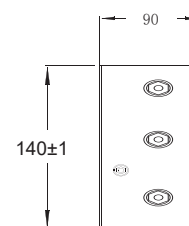
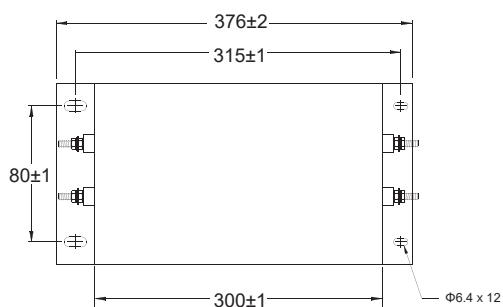
ZYH-3F系列：ZYH-3F Series

外壳样式：Case Styles

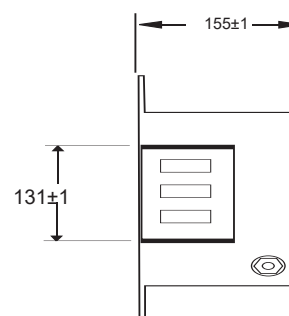
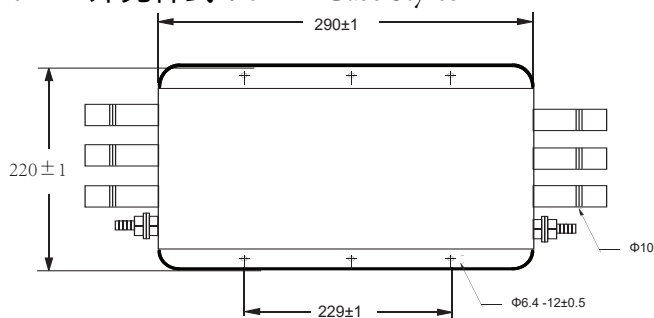
3FEU 外壳样式：3FEU Case Styles



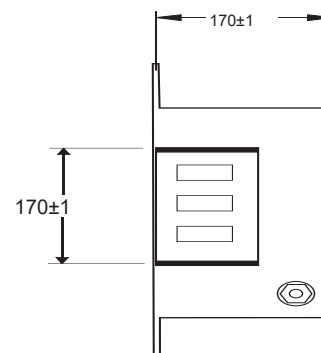
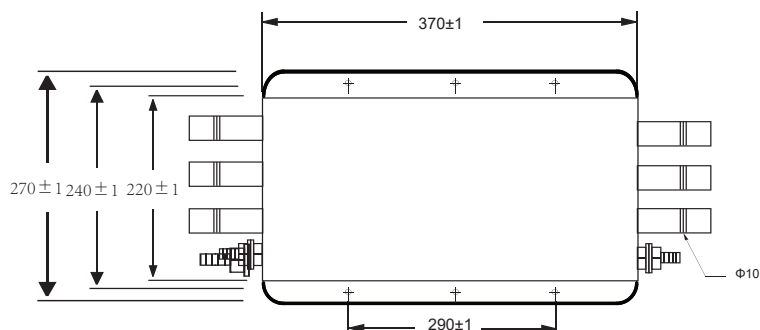
3FEJ 外壳样式：3FEJ Case Styles



3FET 外壳样式：3FET Case Styles



3FET-B 外壳样式：3FET-B Case Styles



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性能参数

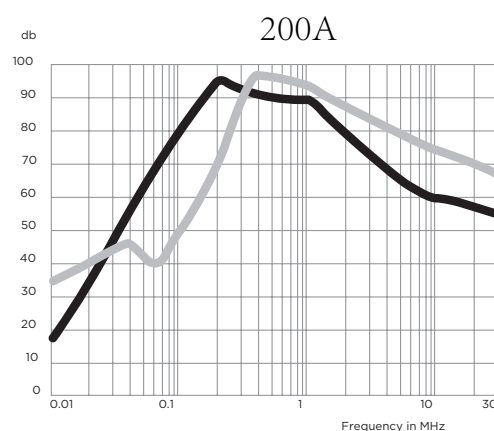
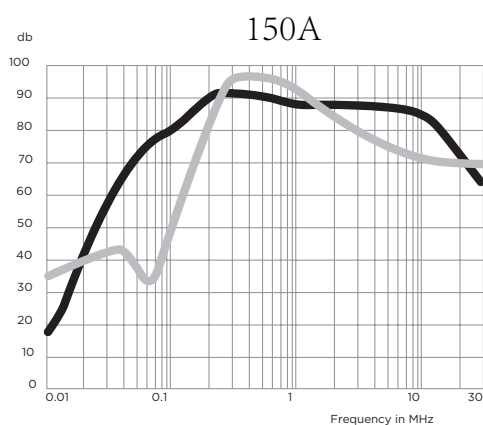
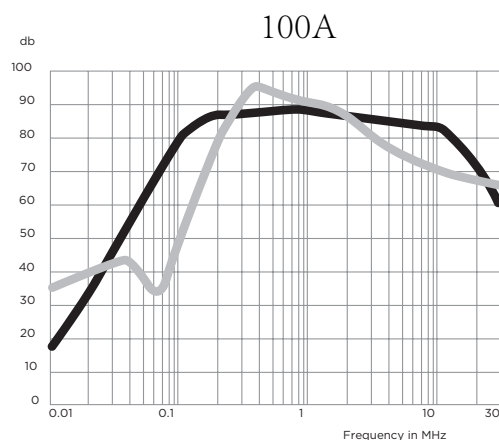
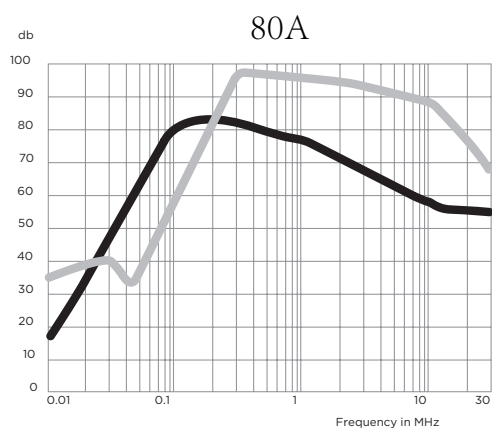
Performance Data

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



最小插入损耗 Minimum Insertion Loss

共模/不对称 (线对地)

Common Mode / Asymmetrical (Line to Ground)

Part No.	Frequency -MHz							
	.01	.03	.05	.1	.5	1	5	10 30
80A	2	35	49	67	74	67	59	58 27
100A	2	35	49	66	72	65	59	58 18
150A	1	36	50	66	69	63	59	58 9
200A	-	36	50	66	67	60	59	58 -

差模/对称 (线对线)

Differential Mode / Symmetrical (Line to Line)

Part No.	Frequency -MHz							
	.01	.03	.05	.1	.5	1	5	10 30
80A	17	25	28	23	87	71	50	62 45
100A	18	27	30	25	86	69	49	56 39
150A	19	28	31	28	85	66	49	49 32
200A	21	29	33	30	84	63	48	43 26