

ZYH-3XF变频器专用滤波器

ZYH-3XF series EMI filter for transducer special

ZYH-3XF系列 : ZYH-3XF series



ZYH-3XF 系列: ZYH-3XF Series

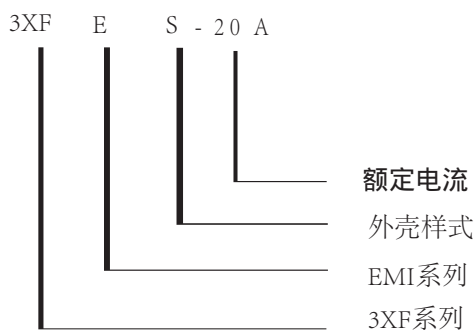
特点和应用: Features and Applications

基于变频器在工作时,对电网及其它数字电子设备产生干扰的频谱分量电磁兼容性特点而专门设计的
Specially design for EMI to grid and other digital equipmentsbrought out by transducer when running
全新电路设计,确保性良好的噪音抑制特性
New circuit design to provide effectively suppressing EMI

主要用于变频器,有效抑制变频器对输出端电子设备的干扰

Mainly used in transducer to effectively suppress EMI to output electrical equipments

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
3XFES	3 - 20	≥ 1500	入Input 出Output
3XFED	10 - 30	≥ 1500	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:

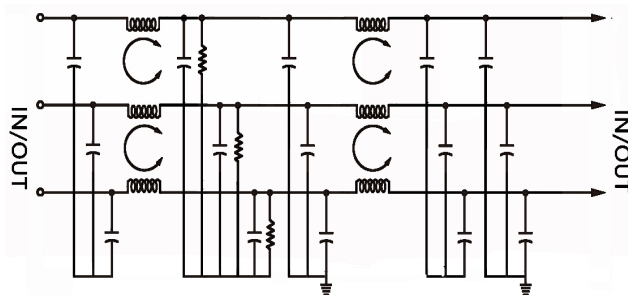
	3XFES	3XFED
@380VAC 60Hz:	$\leq 1.5\text{mA}$	$\leq 2.5\text{mA}$
@440VAC 50 Hz:	$\leq 2.0\text{mA}$	$\leq 3.5\text{mA}$

Hipot额定值 (一分钟):

Hipot rating (one minute):

线路对地:	1800VAC
Line to Ground:	
线对线:	1500VDC
Line to Line:	
工作电压:	380VAC/440VAC
Rated Voltage (max.):	
工作频率:	50/60HZ
Operating Frequency:	
额定电流:	0.5- 30A
Rated Current:	
气候类别:	25/085/21
Climatic Category:	

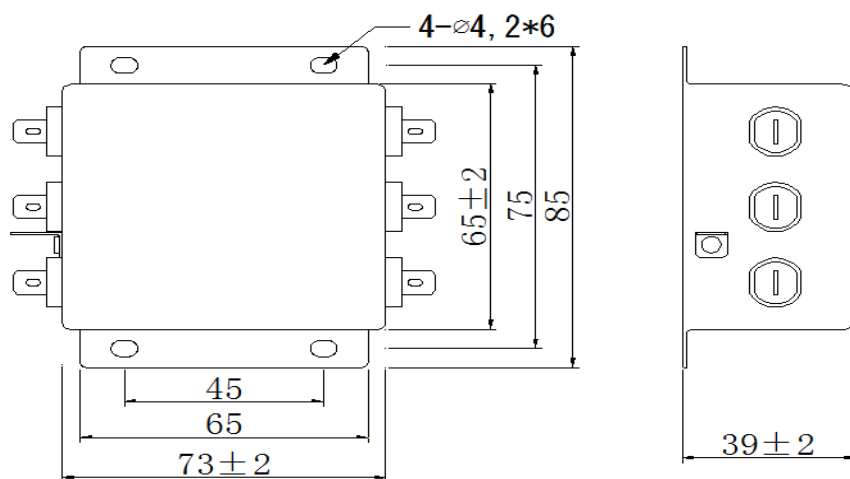
电路原理图Electrical Schematics



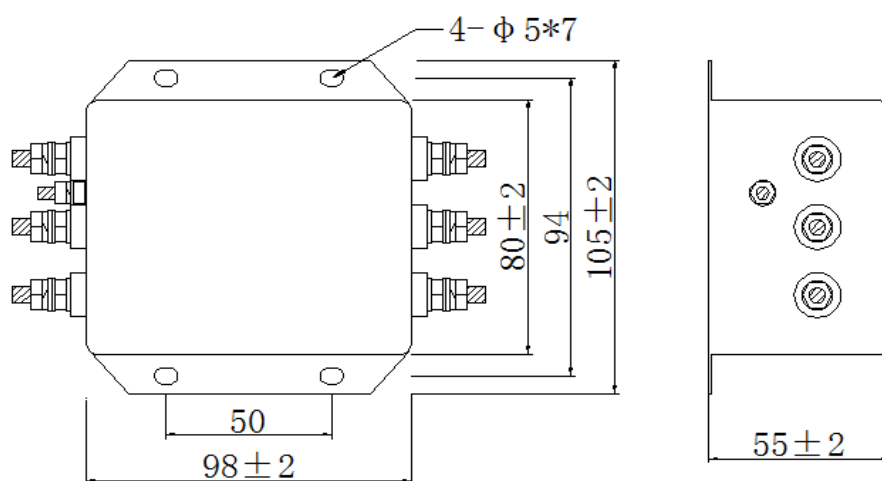
ZYH-3XF系列：ZYH-3XF Series

外壳样式：Case Styles

3XFES 外壳样式：3XFES Case Styles



3XFED 外壳样式：3XFED Case Styles



ZYH-3XF系列 : ZYH-3XF series

性能参数

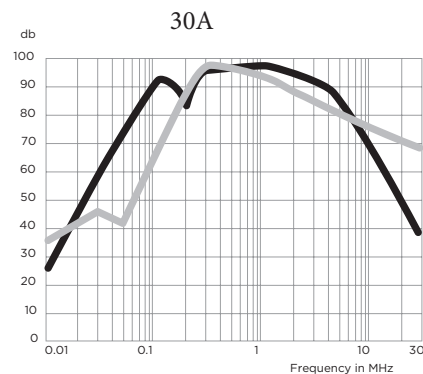
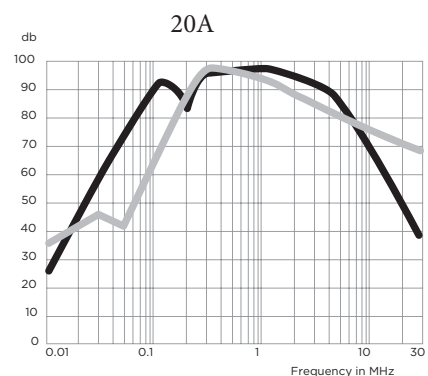
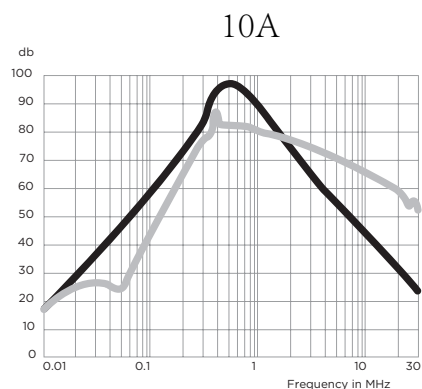
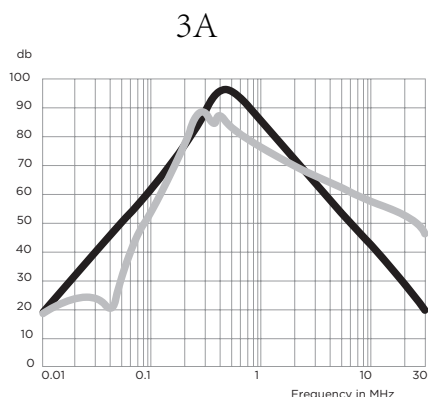
Performance Data

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	.05	.1	.5	1	5	10	30
3A	23	66	55	75	82	79	55	21
10A	23	66	45	79	82	79	55	21
20A	26	68	83	93	88	68	45	4
30A	18	61	78	96	91	71	49	7

差模/对称 (线对线)

Differential Mode / Symmetrical (Line to Line)

Part No.	Frequency –MHz							
	.01	.05	.1	.5	1	5	10	30
10A	21	32	52	90	86	70	72	46
10A	21	32	54	90	86	73	72	47
20A	23	33	60	100	95	87	70	38
30A	25	37	51	94	87	69	58	17