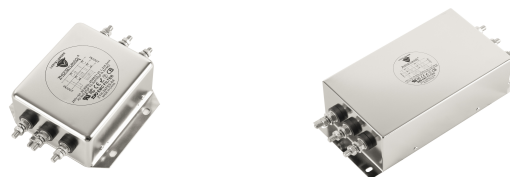


ZYH-3XF变频器专用滤波器
ZYH-3XF series EMI filter for transducer special

ZYH-3XF系列: ZYH-3XF Series



ZYH-3XF 系列: ZYH-3XF Series

特点和应用: Features and Applications

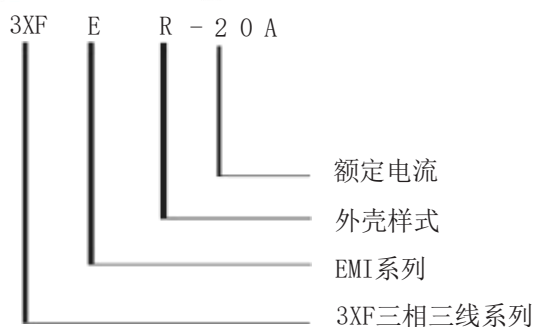
基于变频器在工作时, 对电网及其它数字电子设备产生干扰的频谱分量电磁兼容性特点而专门设计的
Specially design for EMI to grid and other digitalequipmentsbrought out by transducer when runnin

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 (MΩ)	端接方式 Term inal
			入Input 出Output
3XFES	3-20	≥1500	
3XFER	10-30	≥1500	
3XFED	20-30	≥1500	
3XFEY	40-50	≥1500	
3XFEU	50-60	≥1500	
3XFEJ	80-200	≥1500	
3XFET	200-1000	≥1500	

规格: Specifications

每条线路对地的最大泄漏电流:

Maximum leakage current each Line to Ground:

	3XFES	3XFER	3XFED	3XFEY
@380VAC 60Hz:	≤2.5mA	≤2.5mA	≤3.0mA	≤3.5mA
@440VAC 50 Hz:	≤3.0mA	≤3.0mA	≤3.5mA	≤4.0mA

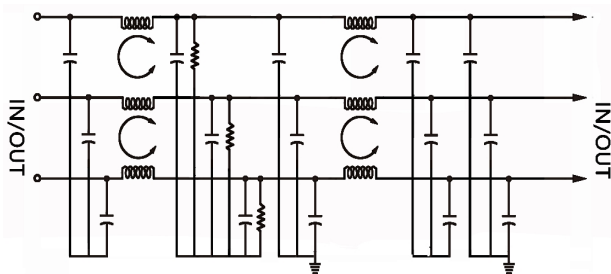
	3XFEU	3XFEJ	3XFET
@380VAC 60Hz:	≤4.0mA	≤5.5mA	≤9.5mA
@440VAC 50 Hz:	≤4.5mA	≤6.0mA	≤10.0mA

Hipot额定值 (一分钟):

Hipot rating (oneminute):

线路对地: Line to Ground:	1800VAC
线对线: Line to Line:	1500VDC
工作电压: Rated Voltage (max.):	380VAC/440VAC
工作频率: Operating Frequency:	50/60HZ
额定电流: Rated Current:	0.5-1000A
气候类别: Climatic Category	25/085/21

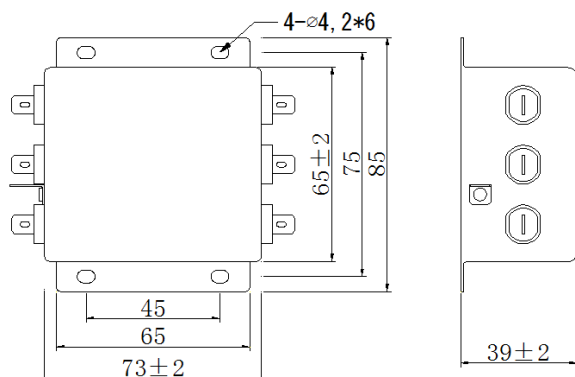
电路原理图 | Electrical Schematics



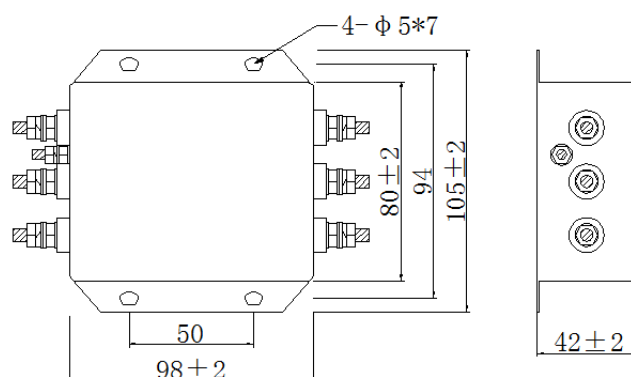
ZYH-3XF系列: ZYH-3XF Series

外壳样式: Case Styles

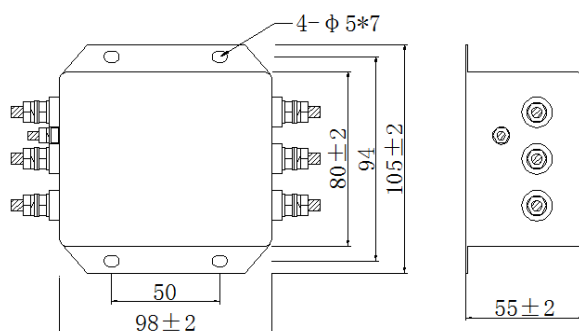
3XFES外壳样式: 3XFES Case Styles



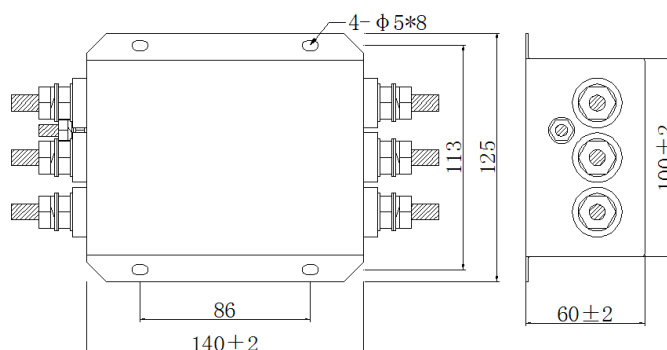
3XFER外壳样式: 3XFER Case Styles



3XFED外壳样式: 3XFED Case Styles

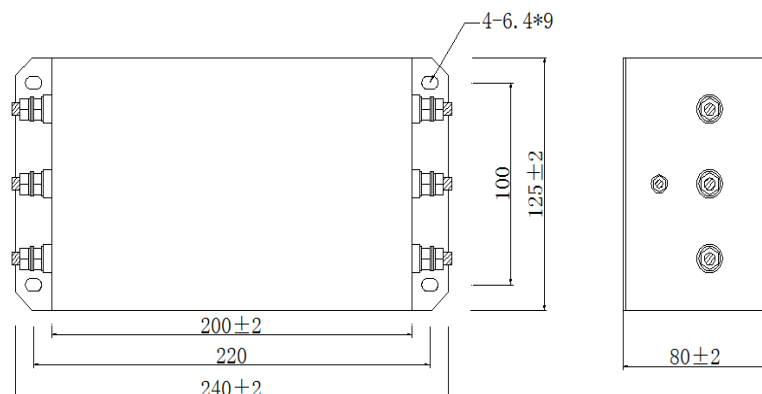


3XFEY外壳样式: 3XFEY Case Styles



3XFEU外壳样式: 3XFEU Case Styles

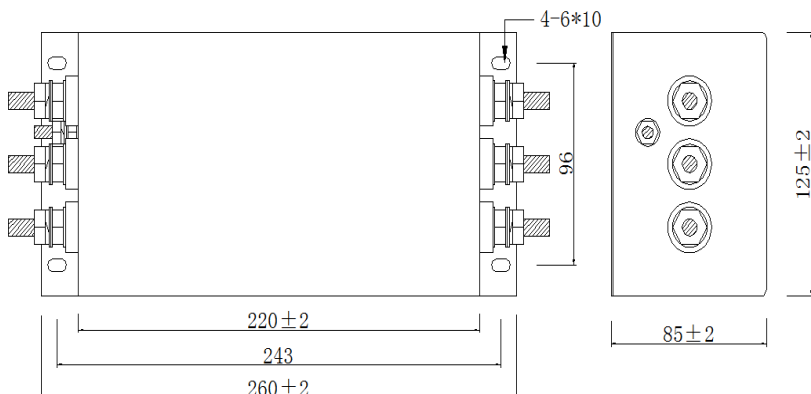
样式1: Case Styles one



ZYH-3XF系列: ZYH-3XF Series

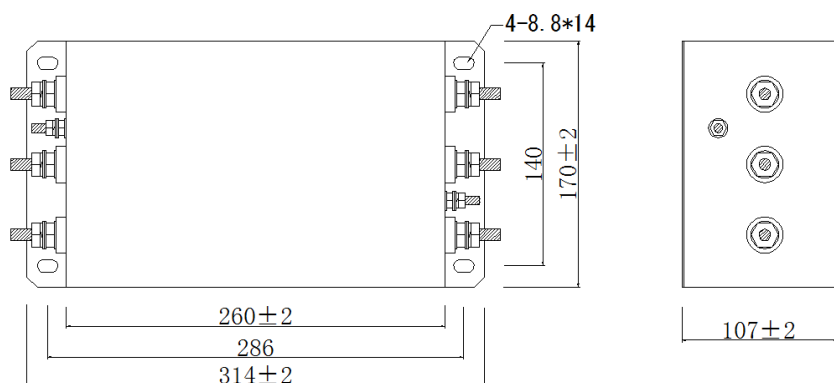
3XFEU外壳样式: 3XFEU Case Styles

样式2: Case Styles Two

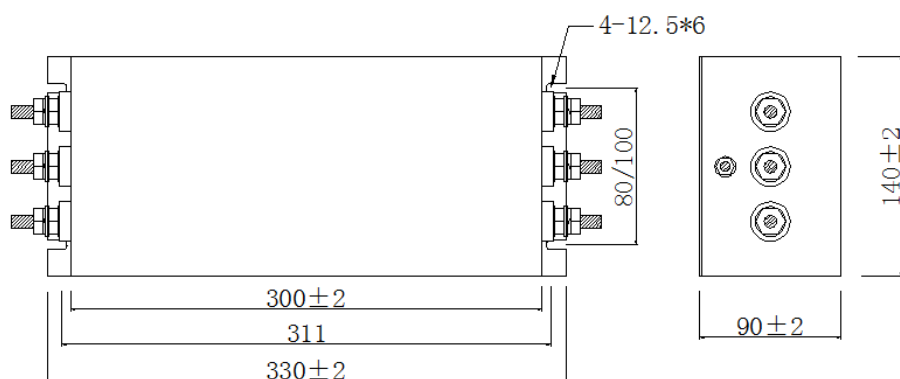


3XFEJ外壳样式: 3XFEJ Case Styles

样式1: Case Styles one



样式2: Case Styles Two

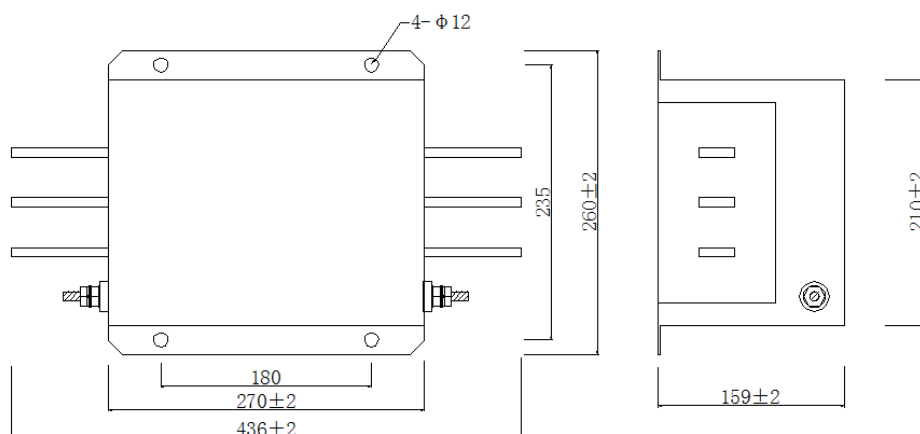


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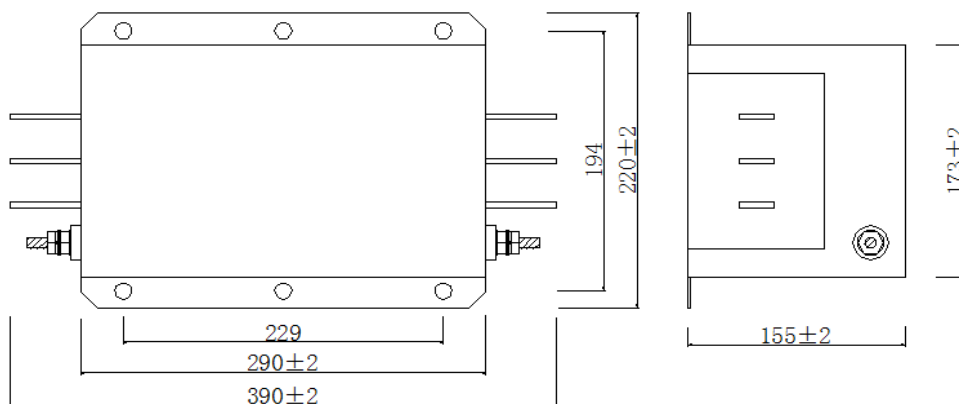
ZYH-3XF系列: ZYH-3XF Series

3XFET外壳样式: 3XFET Case Styles

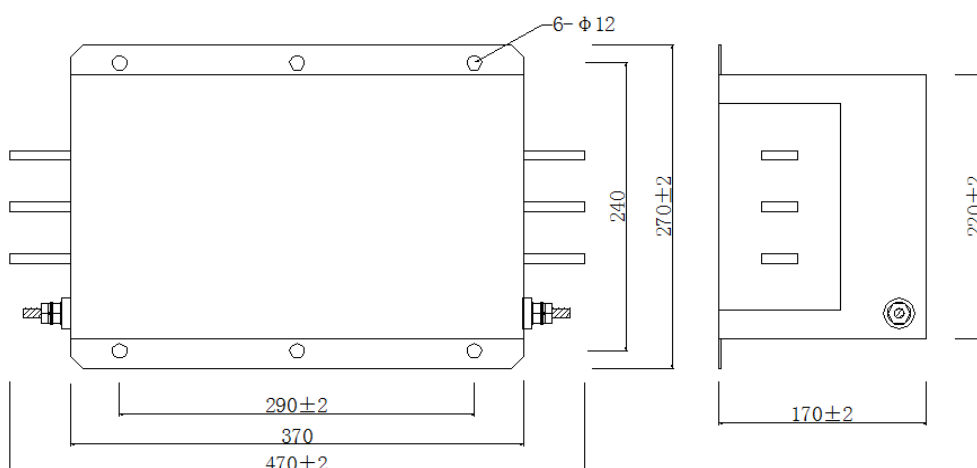
样式1: Case Styles One



样式2: Case Styles Two



样式3: Case Styles Three



ZYH-3XF变频器专用滤波器

ZYH-3XF series EMI filter for transducer special

ZYH-3XF系列: ZYH-3XFSeries

性能参数

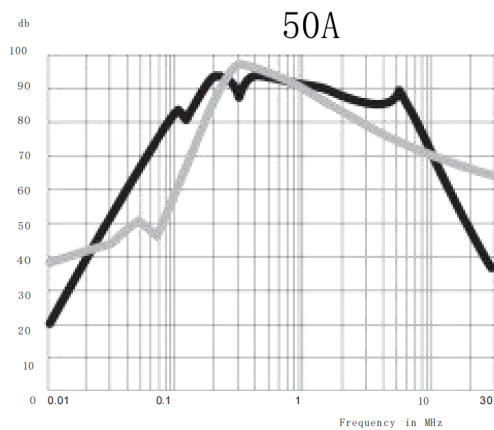
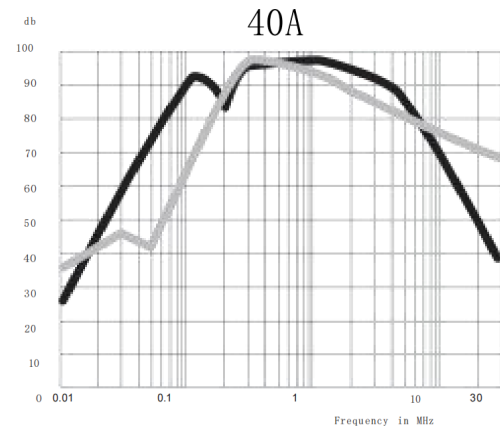
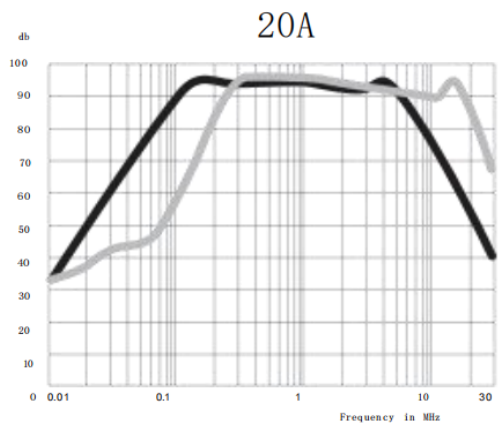
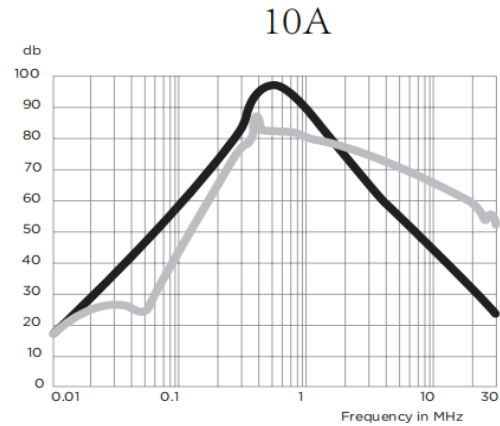
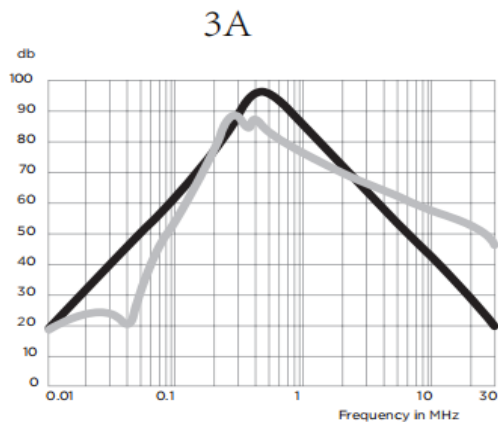
Performance Data

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



ZYH-3XF系列: ZYH-3XF Series

性能参数

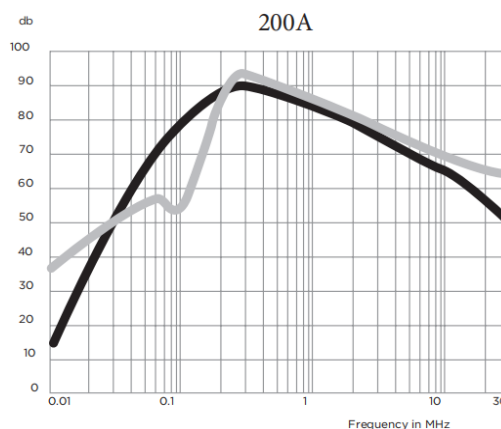
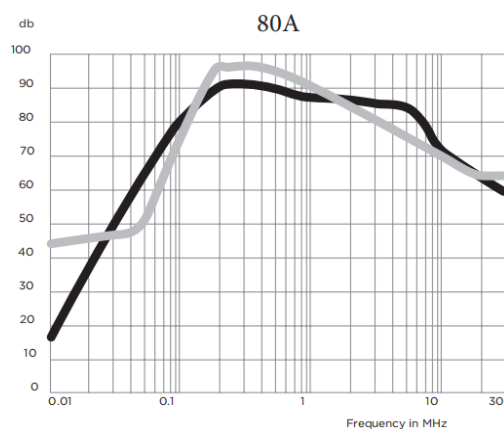
Performance Data

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)

current	Frequency — MHz							
Part No.	.01	.05	.1	.5	1	5	10	30
3A	18	28	40	68	79	62	65	52
10A	35	66	82	88	82	79	55	69
20A	39	68	83	93	88	68	45	69
40A	36	61	78	96	91	71	49	63
50A	39	68	83	93	88	68	45	04
80A	42	48	70	96	90	80	69	64
200A	37	50	80	89	85	80	70	64

差模/对称 (线对线)

Differential Mode / Symmetrical (Line to Line)

current	Frequency — MHz							
Part No.	.01	.05	.1	.5	1	5	10	30
3A	18	38	58	83	90	65	45	22
10A	26	58	88	94	96	92	69	38
20A	27	60	90	94	96	92	70	40
40A	27	58	88	96	98	92	68	38
50A	20	50	80	88	91	86	70	35
80A	18	49	80	89	88	87	71	58
200A	13	49	78	89	84	72	63	50