

ZYH-3XA系列三相三线高插入损耗EMI电源滤波器

ZYH-3XA series three phases three wires high insertion loss EMI filter

ZYH-3XA系列：ZYH-3XA Series



ZYH-3XA 系列：ZYH-3XA Series

特点和应用：Features and Applications

具有良好的共模和差模干扰抑制特性

Good performance of common mode and differential mode suppression

对脉冲、连续或间歇干扰具有较高的抑制作用Effectively control pulse, continuous or intermittent interference

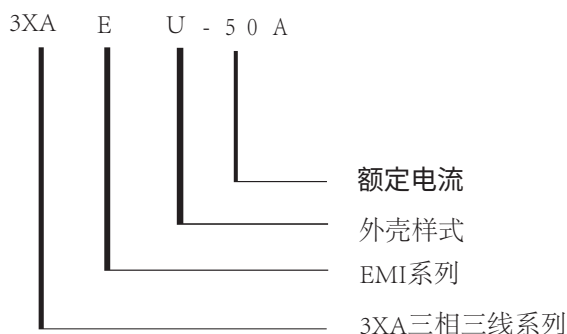
较小的泄漏电流

Low leakage current

被广泛应用于开关电源，UPS，变频器，电机驱动，电梯等设备

Applications for switching-mode power-supply UPS, Converter, motor driver, lift etc.

订购信息：Ordering Information



可选型号 Available Part Numbers

型号 Type	额定电流范围 Rated Current (A)	绝缘电阻 Insulation Resistance	端接方式 Terminal
ZYH-			入Input 出Output
3XAEY	40	≥ 500	
3XAEU	50 - 80	≥ 500	
3XAEJ	80 - 200	≥ 500	
3XAET	200 - 400	≥ 500	
3XAET-B	400 - 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:

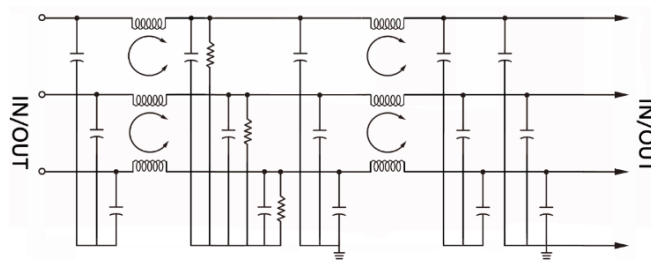
	3XAEY	3XAEU	3XAEJ	3XAET
@250VAC 60Hz:	≤ 3 .5mA	≤ 3 .0mA	≤ 4 .0mA	≤ 8.0mA
@380VAC 50 Hz:	≤ 4 .0mA	≤ 4 .5mA	≤ 6 .0mA	≤ 10.0mA

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



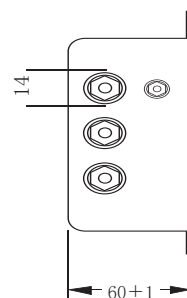
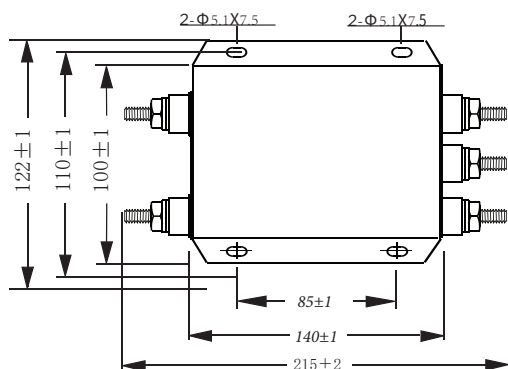
ZYH-3XA系列三相三线高插入损耗EMI电源滤波器

ZYH-3XA series three phases three wires high insertion loss EMI filter

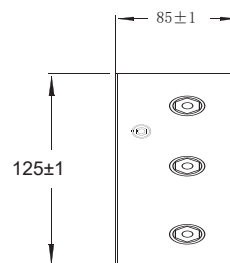
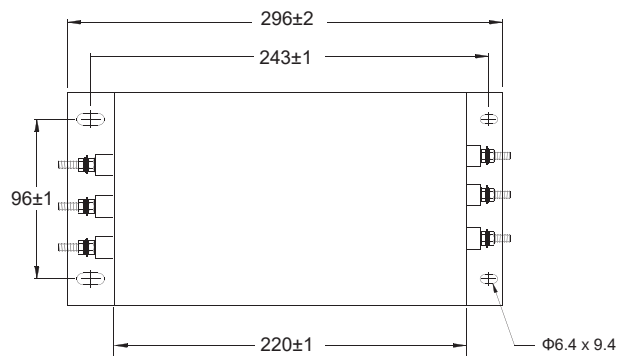
ZYH-3XA系列：ZYH-3XA Series

外壳样式：Case Styles

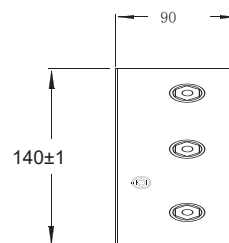
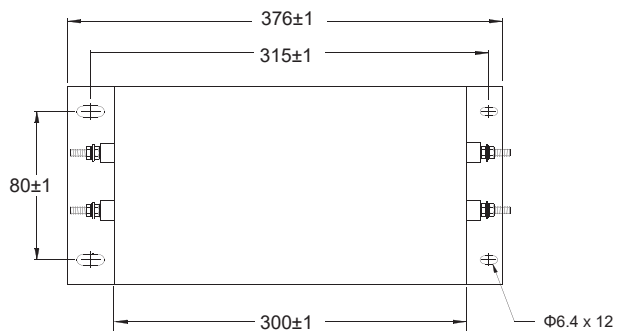
3XAEY 外壳样式：3XAEY Case Styles



3XAEU 外壳样式：3XAEU Case Styles



3XAEJ 外壳样式：3XAEJ Case Styles



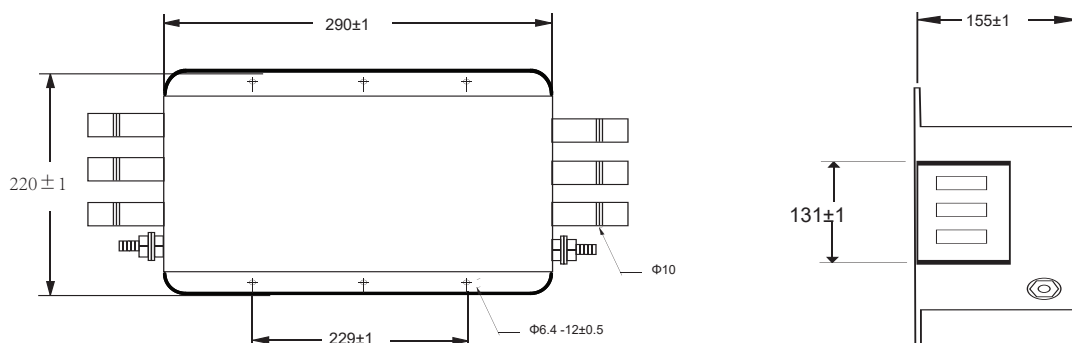
ZYH-3XA系列三相三线高插入损耗EMI电源滤波器

ZYH-3XA series three phases three wires high insertion loss EMI filter

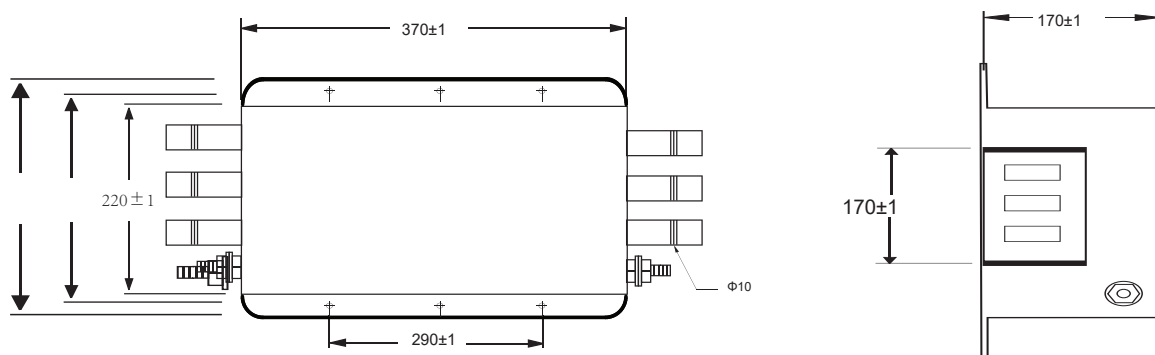
ZYH-3XA系列：ZYH-3XA Series

外壳样式：Case Styles

3XAET 外壳样式：3XAET Case Styles



3XAET-B 外壳样式：3XAET -B Case Styles



ZYH-3XA系列三相三线高插入损耗EMI电源滤波器

ZYH-3XA series three phases three wires high insertion loss EMI filter

ZYH-3XA系列：ZYH-3XA series

性能参数

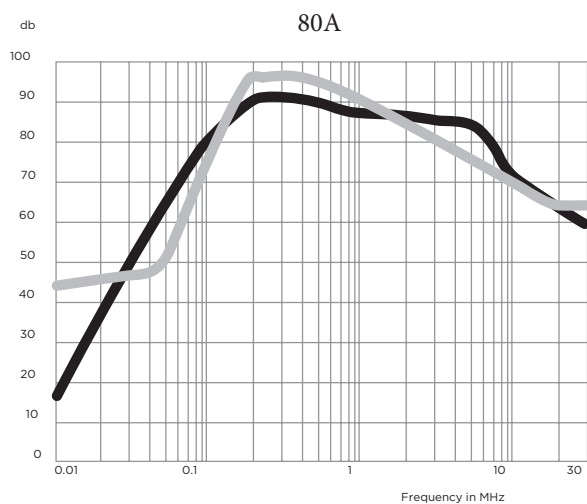
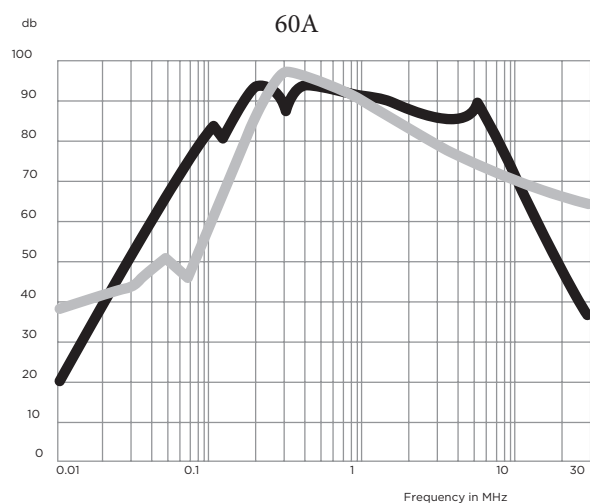
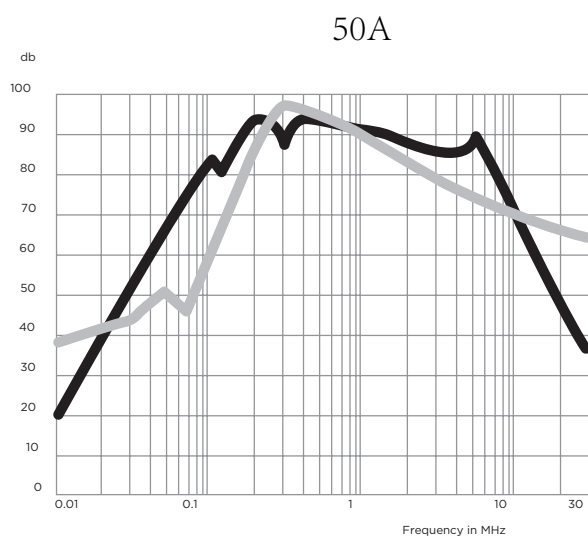
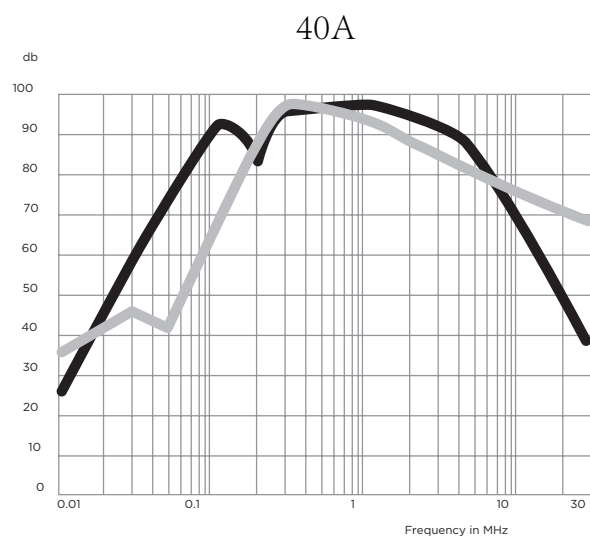
Performance Data

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



ZYH-3XA系列：ZYH-3XA series

性能参数

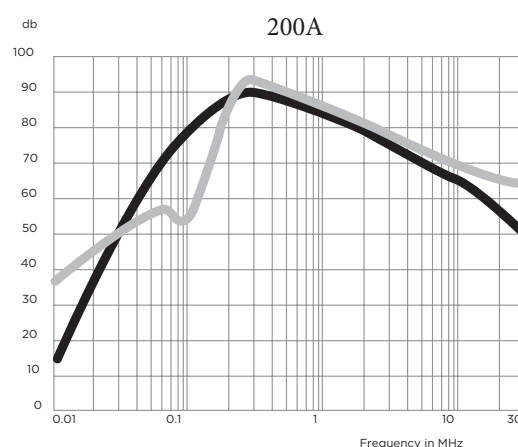
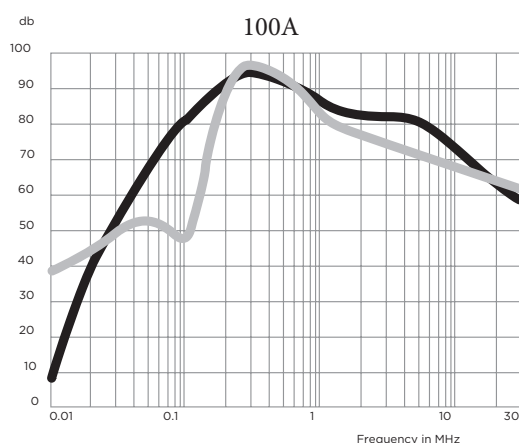
Performance Data

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
40A	18	61	78	96	91	71	49 7
50A	11	57	72	90	86	68	44 4
60A	11	57	72	90	86	68	44 4
80A	10	57	75	84	77	75	62 45
100A	10	51	60	88	84	74	50 12
200A	-	50	57	82	79	75	51 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
40A	25	37	51	94	87	69	58 17
50A	27	45	41	84	77	63	61 43
60A	27	45	41	84	77	63	61 43
80A	37	42	67	87	80	66	60 50
100A	27	35	39	75	72	51	44 31
200A	28	37	42	74	67	52	45 30