

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

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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

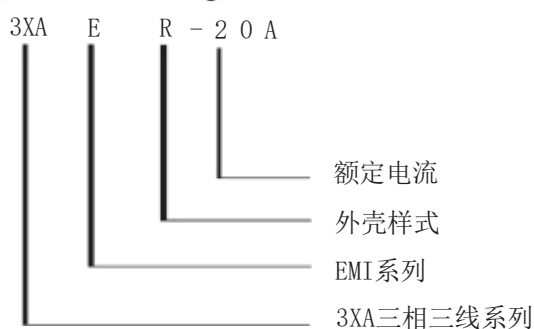
较小的泄漏电流

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 ZYH-	额定电流范围 Rated Current (A)	绝缘电阻 Insulation Resistance (MΩ)	端接方式 Terminal
			入Input 出Output
3XAES	3-20	≥1500	
3XAER	10-30	≥1500	
3XAED	20-30	≥1500	
3XAEY	40-50	≥1500	
3XAEU	50-60	≥1500	
3XAEJ	80-200	≥1500	
3XAET	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:

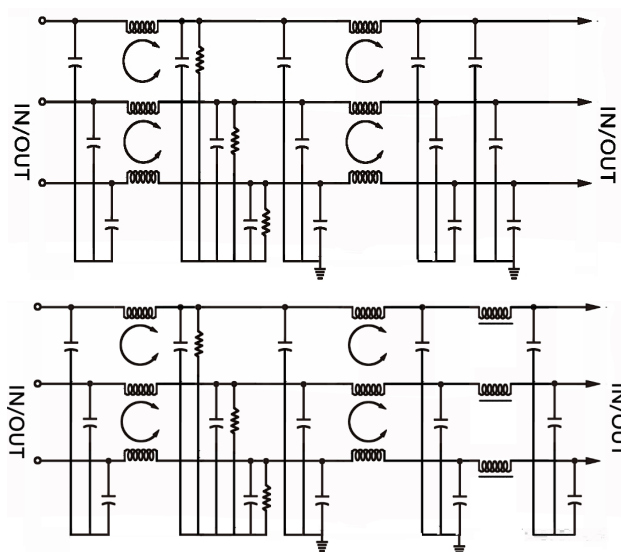
	3XAES	3XAER	3XAED	3XAEY
@380VAC 60Hz:	≤2.5mA	≤2.5mA	≤3.0mA	≤3.5mA
@440VAC 50 Hz:	≤3.0mA	≤3.0mA	≤3.5mA	≤4.0mA
	3XAEU	3XAEJ	3XAET	
@380VAC 60Hz:	≤4.0mA	≤5.5mA	≤9.5mA	
@440VAC 50 Hz:	≤4.5mA	≤6.0mA	≤10.0mA	

Hipot额定值（一分钟）：

Hipot rating (one minute):

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



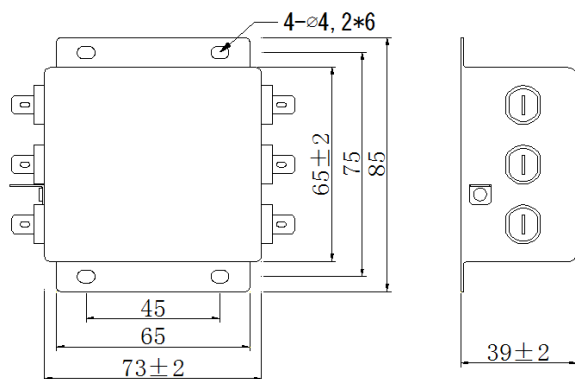
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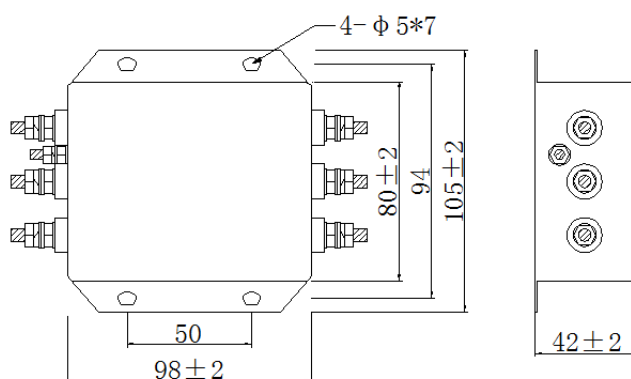
ZYH-3XA系列：ZYH-3XA Series

外壳样式：Case Styles

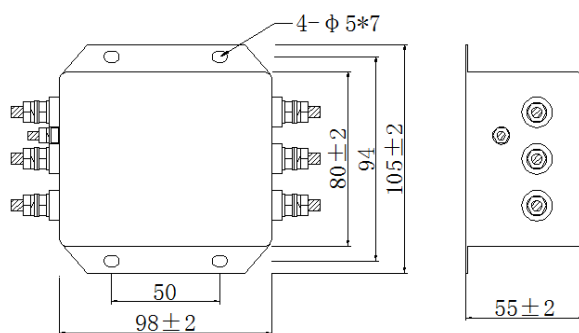
3XAES外壳样式：3XAES Case Styles



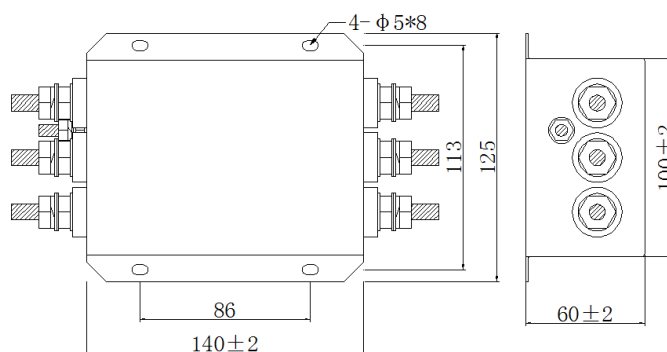
3XAER外壳样式：3XAER Case Styles



3XAED外壳样式：3XAED Case Styles

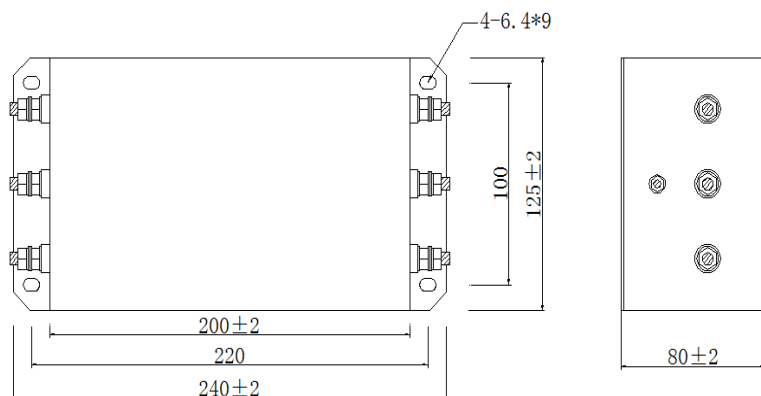


3XAEY外壳样式：3XAEY Case Styles



3XAEU外壳样式：3XAEU Case Styles

样式1：Case Styles one



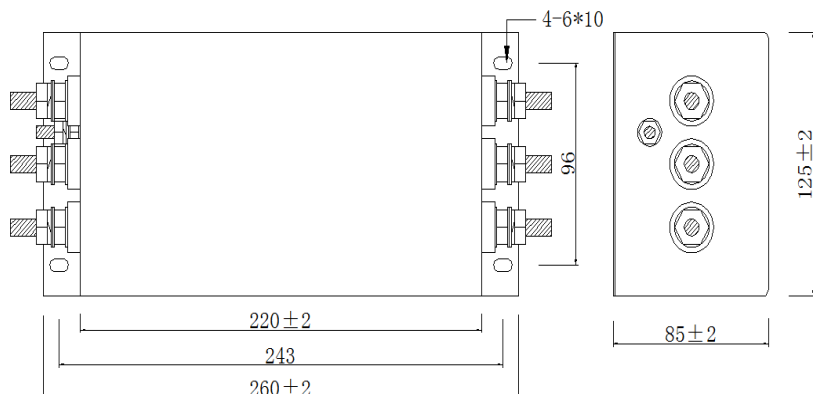
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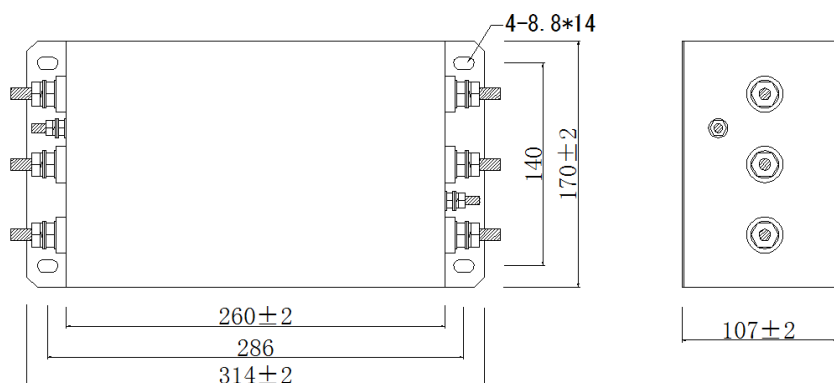
3XAEU外壳样式：3XAEU Case Styles

样式2：Case Styles Two

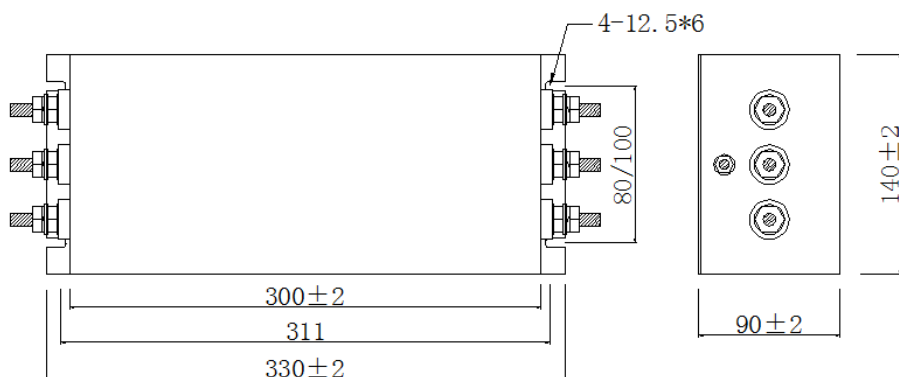


3XAEJ外壳样式：3XAEJ Case Styles

样式1：Case Styles one



样式2：Case Styles Two

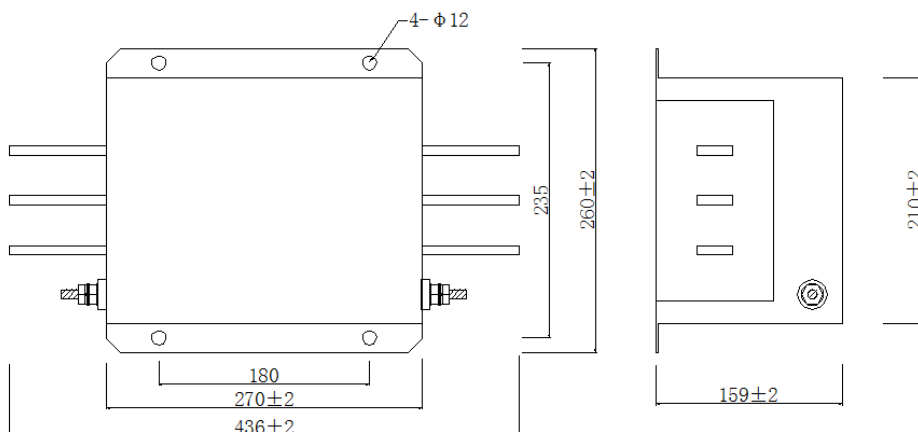


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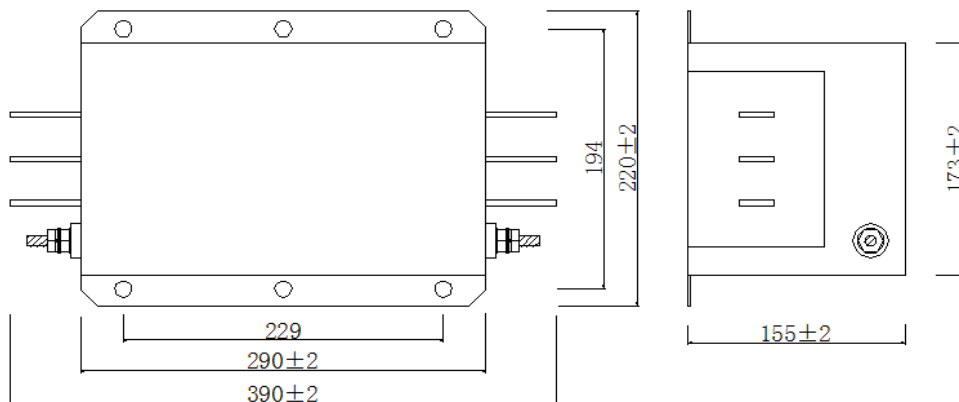
ZYH-3XA系列：ZYH-3XA Series

3XAET外壳样式：3XAET Case Styles

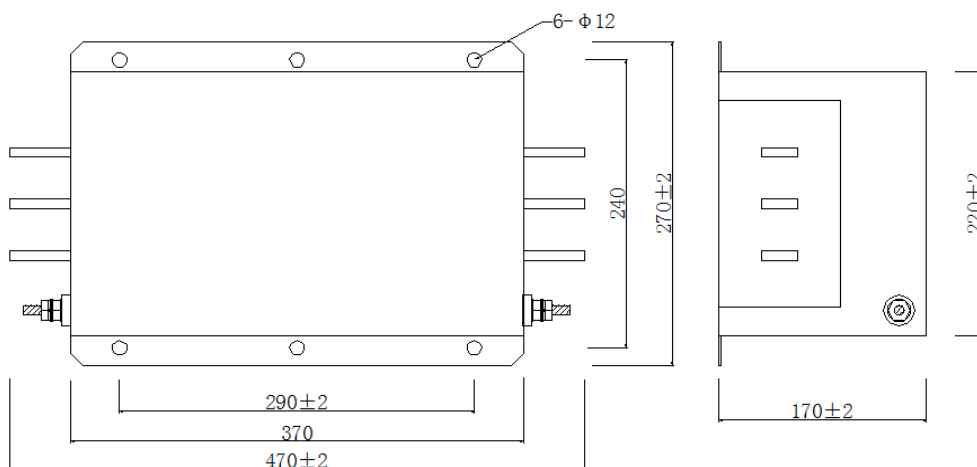
样式1：Case Styles One



样式2：Case Styles Two



样式3：Case Styles Three



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性能参数

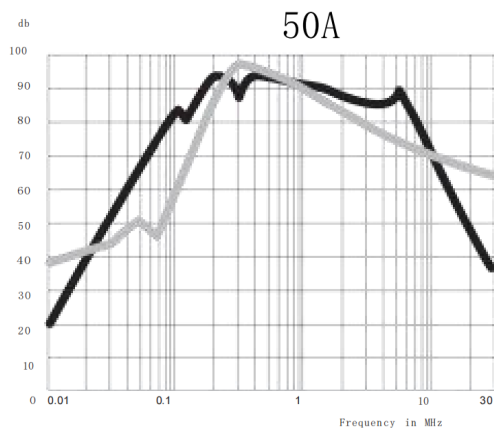
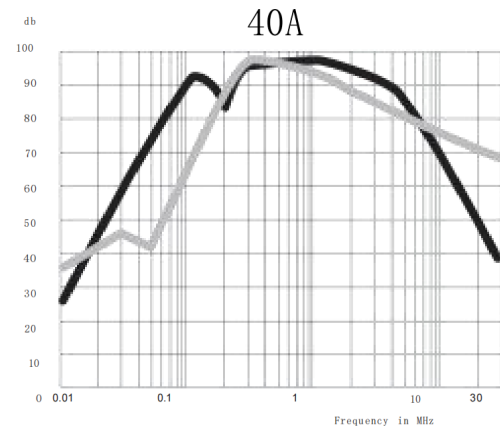
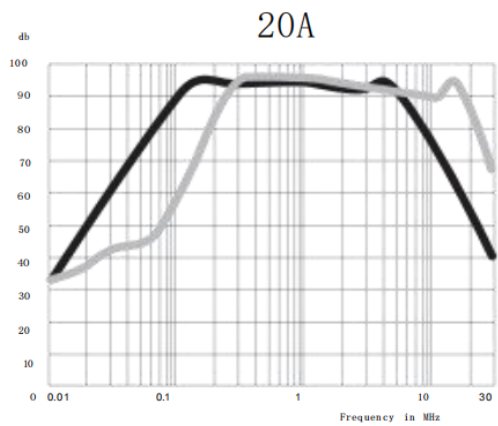
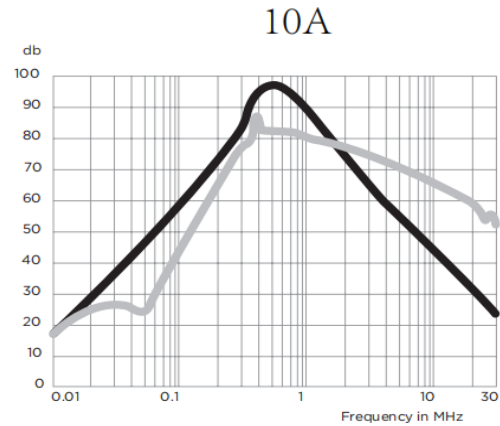
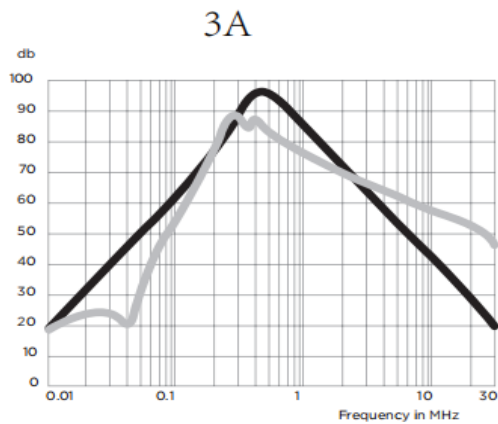
Performance Data

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



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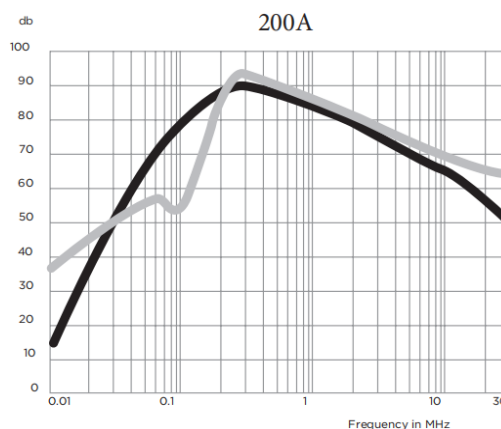
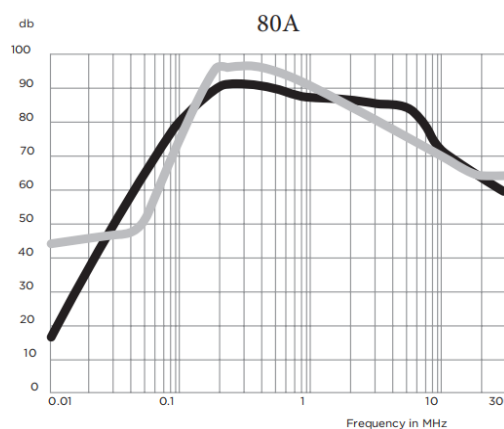
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典型插入损耗

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	64
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