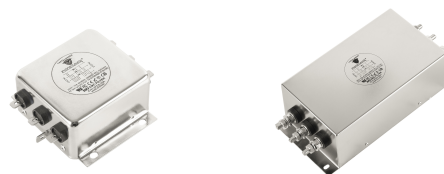


ZZYH-3F系列三相三线EMI电源滤波器

ZYH-3F series three phases three wires EMI filter

ZYH-3F系列 : ZYH-3F Series



ZYH-3F系列 : ZYH-3F Series

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

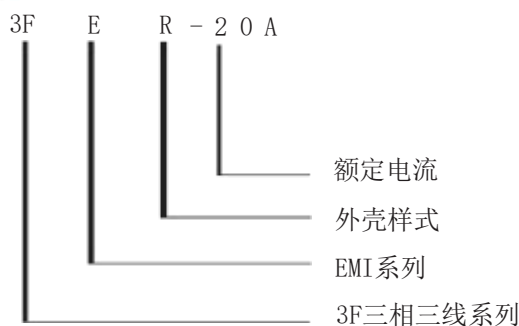
Mainly used to suppress the EMI to the

equipment in industrial power net

对线—线和线—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



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 (MΩ)	端接方式 Terminal
ZYH-			入 Input 出 Output
3FES	3-30	≥ 1500	 
3FER	10-30	≥ 1500	 
3FED	30-50	≥ 1500	 
3FEY	40-60	≥ 1500	 
3FEU	50-80	≥ 1500	 
3FEJ	80-200	≥ 1500	 
3FET	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:

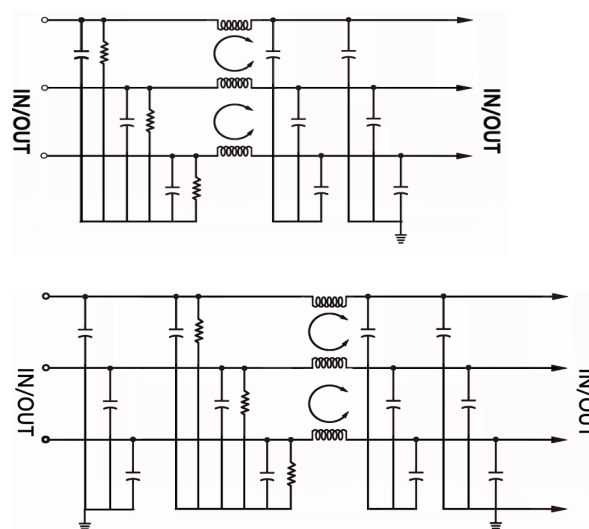
	3FES	3FER	3FED	3FEY
@380VAC 60Hz:	≤1.5mA	≤2.0mA	≤2.5mA	≤2.5mA
@440VAC 50 Hz:	≤2.0mA	≤2.5mA	≤3.0mA	≤3.0mA
	3FEU	3FEJ	3FET	
@380VAC 60Hz:	≤4.0mA	≤6.5mA	≤8.5mA	
@440VAC 50 Hz:	≤4.5mA	≤7.0mA	≤9.0mA	

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:	1-1000A
Rated Current:	
气候类别:	25/085/21
Climatic Category:	

电路原理图 Electrical Schematics



ZZYH-3F系列三相三线EMI电源滤波器

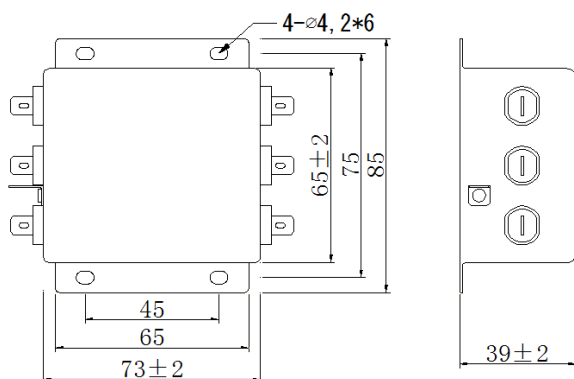
ZYH-3F series three phases three wires EMI filter

ZYH-3F系列 : ZYH-3F Series

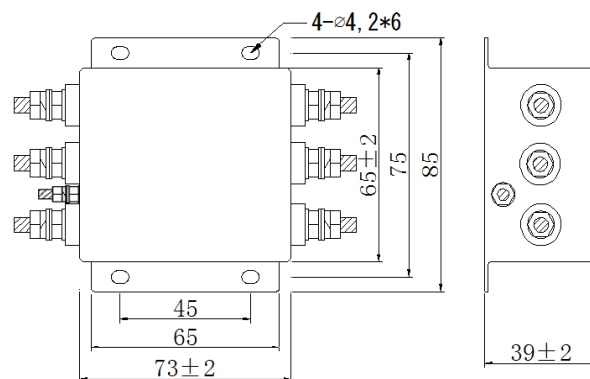
外壳样式: Case Styles

3FES外壳样式: 3FES Case Styles

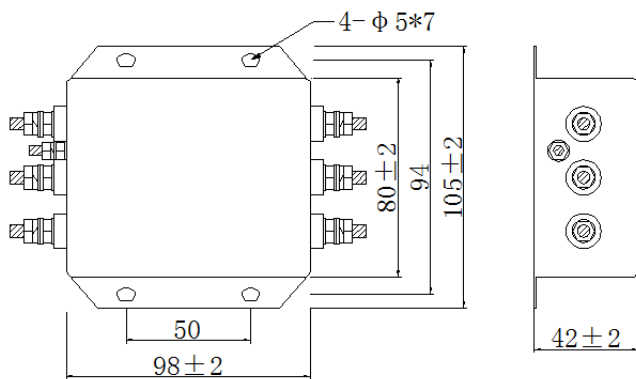
样式1: Case Styles one



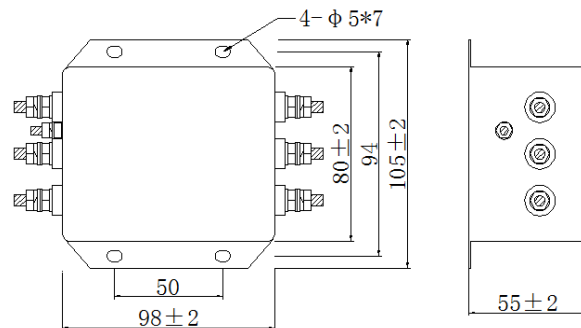
样式2: Case Styles Two



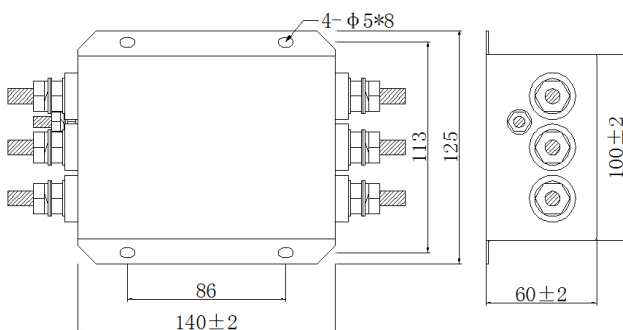
3FER外壳样式: 3FER Case Styles



3FED外壳样式: 3FED Case Styles

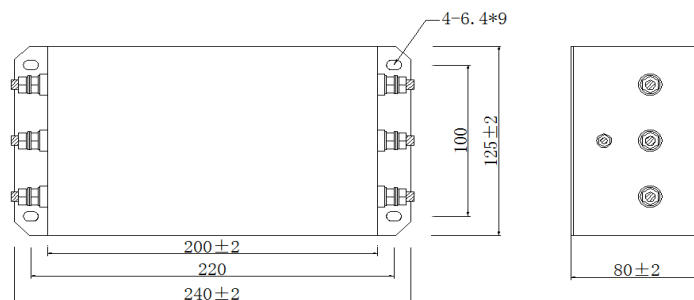


3FEY外壳样式: 3FEY Case Styles



3FEU外壳样式: 3FEU Case Styles

样式1: Case Styles one

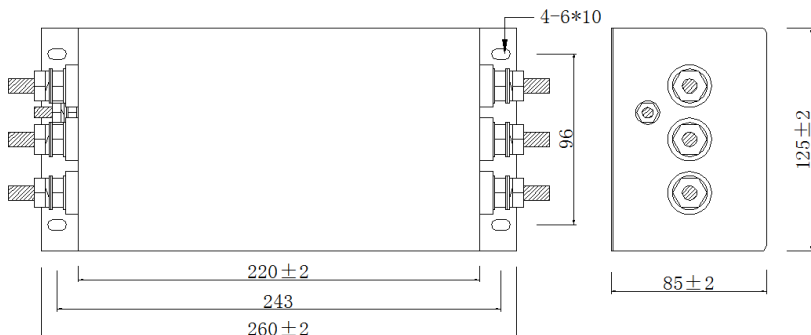


ZZYH-3F系列三相三线EMI电源滤波器
ZYH-3F series three phases three wires EMI filter

ZYH-3F系列 : ZYH-3F Series

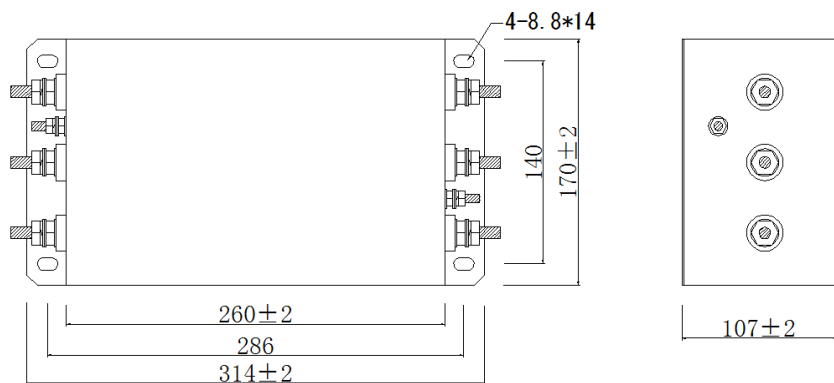
3FEU外壳样式: 3FEU Case Styles

样式2: Case Styles Two

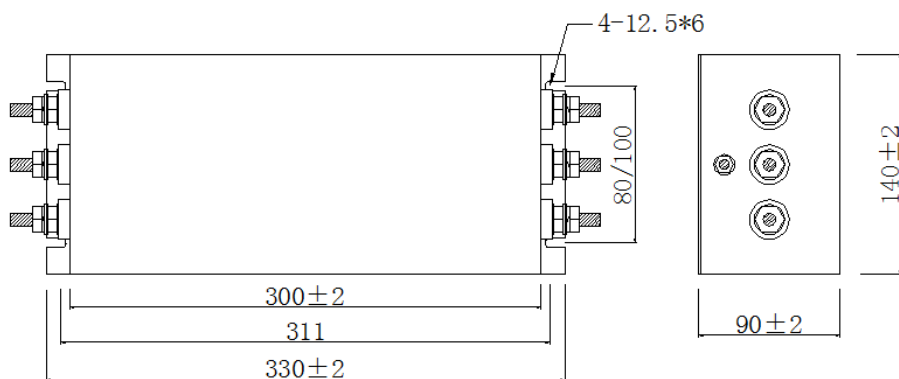


3FEJ外壳样式: 3FEJ Case Styles

样式1: Case Styles one



样式2: Case Styles Two

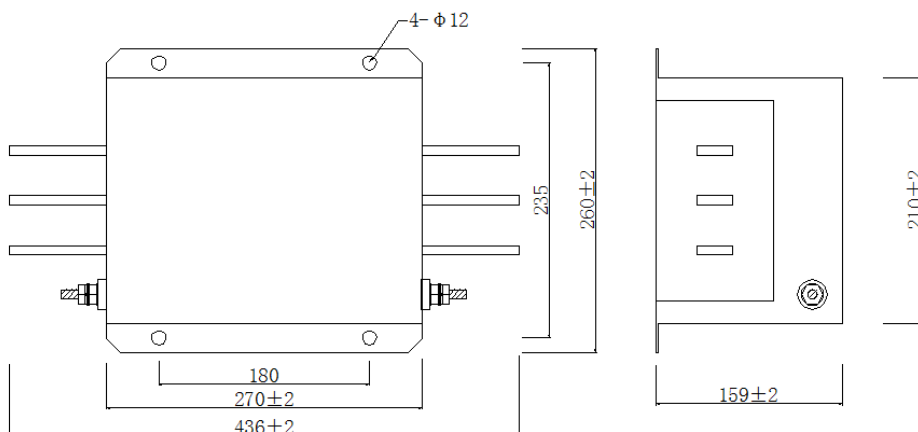


ZYH-3F系列三相三线EMI电源滤波器
 ZYH-3F series three phases three wires EMI filter

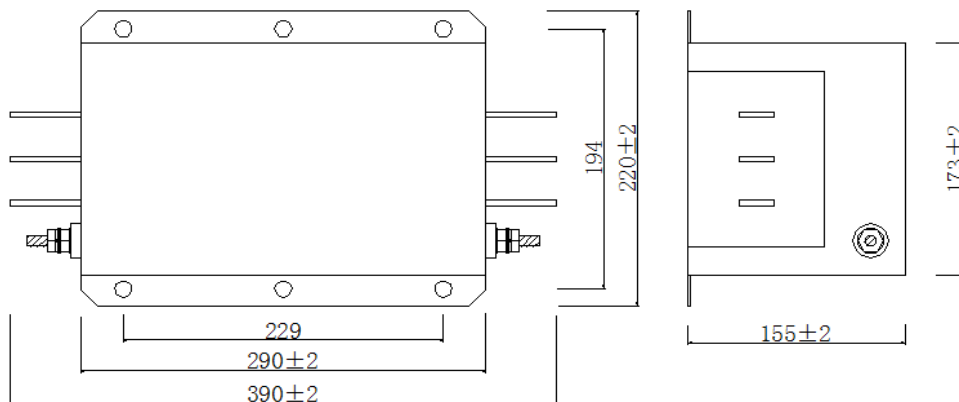
ZYH-3F系列 : ZYH-3F Series

3FET外壳样式: 3FET Case Styles

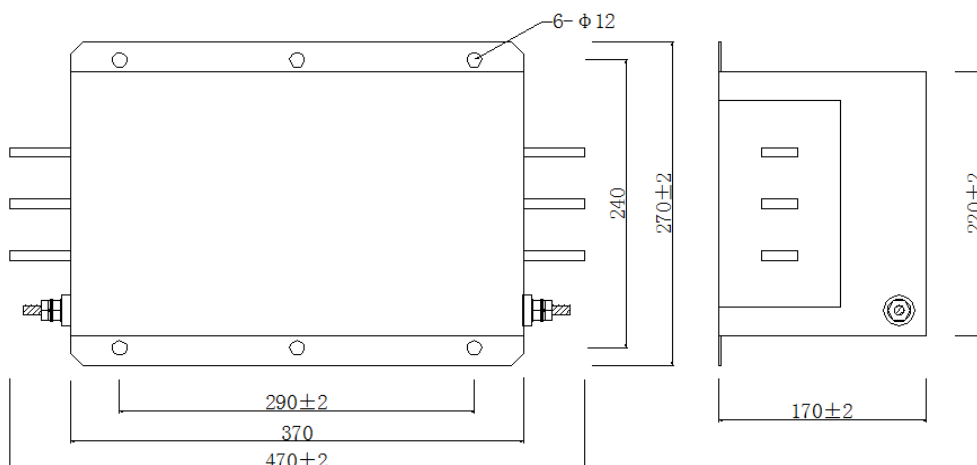
样式1: Case Styles One



样式2: Case Styles Two



样式3: Case Styles Three



ZZYH-3F系列三相三线EMI电源滤波器

ZYH-3F series three phases three wires EMI filter

ZYH-3F系列 : ZYH-3F Series

性能参数

Performance Data

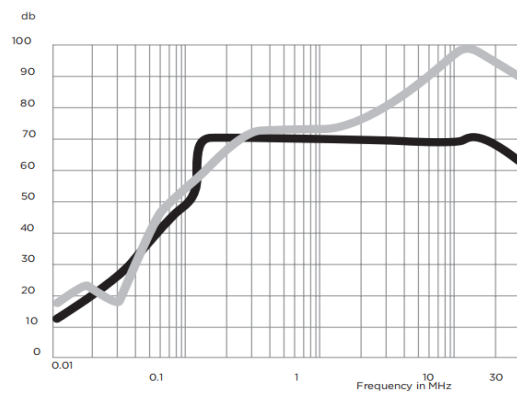
典型插入损耗

typical Insertion Loss

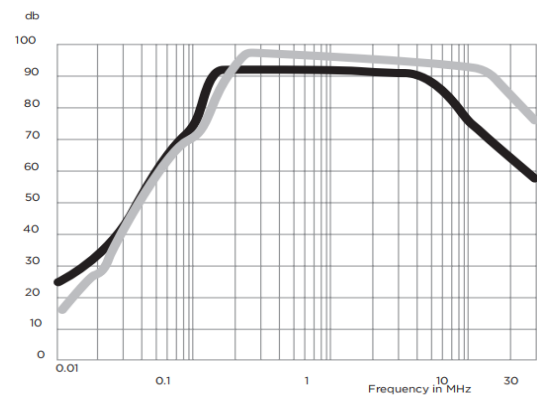
在封闭的50欧姆系统中测量

Measured in closed 50 Ohm system

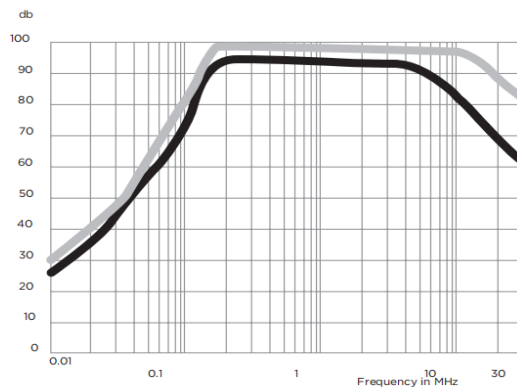
3A



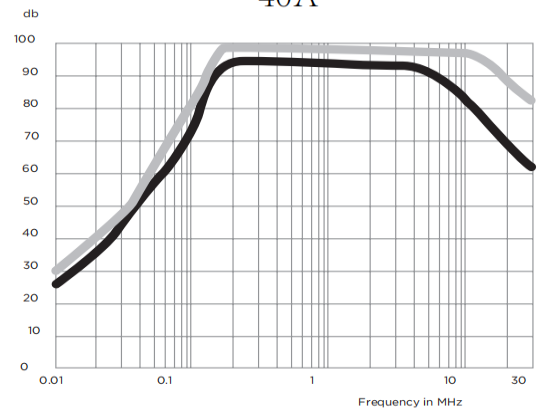
10A



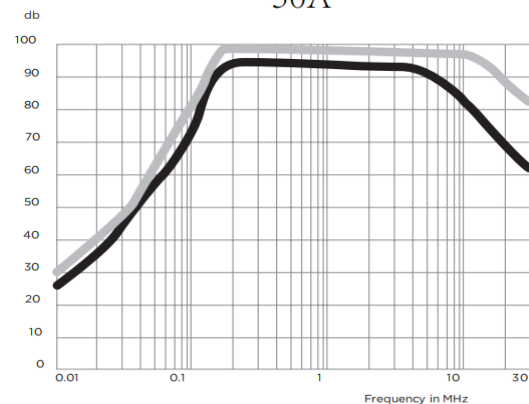
30A



40A



50A



ZYH-3F系列三相三线EMI电源滤波器

ZYH-3F series three phases three wires EMI filter

ZYH-3F系列 : ZYH-3F Series

性能参数

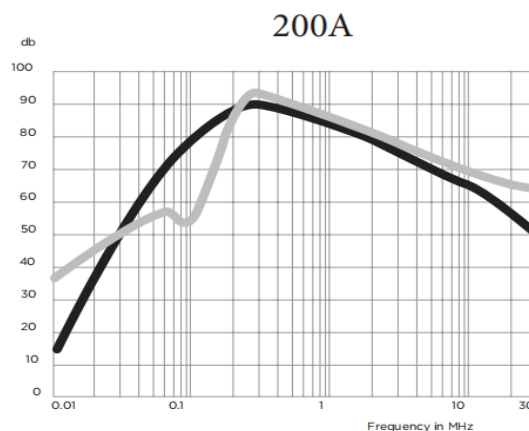
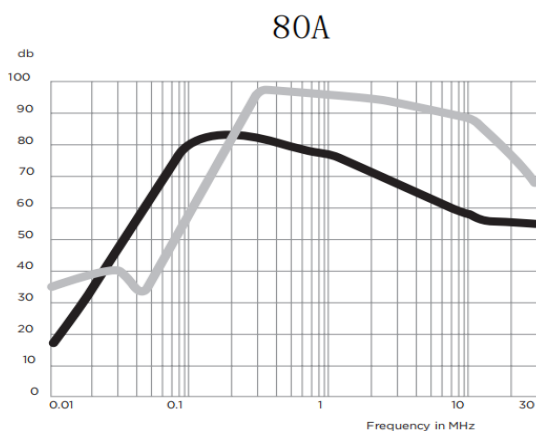
Performance Data

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	14	23	29	56	52	48	45	33
10A	45	59	75	73	65	49	47	26
30A	45	60	49	83	75	58	56	28
40A	38	52	70	77	70	54	50	47
50A	34	49	67	76	70	59	58	37
80A	35	49	67	74	67	59	58	27
200A	18	28	56	82	86	78	68	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	14	23	29	56	52	48	45	33
10A	45	59	75	73	65	49	47	26
30A	45	60	49	83	75	58	56	28
40A	38	52	70	77	70	54	50	47
50A	34	49	67	76	70	59	58	37
80A	35	49	67	74	67	59	58	27
200A	18	28	56	82	86	78	68	64