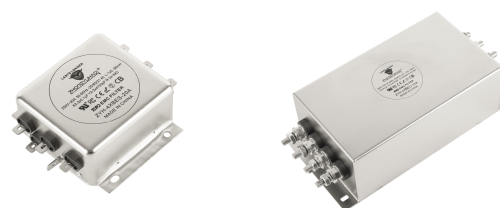


## ZYH-4XB系列三相四线高插入损耗EMI电源滤波器

ZYH-4XB series three phases three wires high insertion loss EMI filter

## ZYH-4XB系列 : ZYH-4XB Series



### ZYH-4XB系列 : ZYH-4XB Series

#### 特点和应用: Features and Applications

应用于380/440Vac三相四线连接的各类电源电子设备

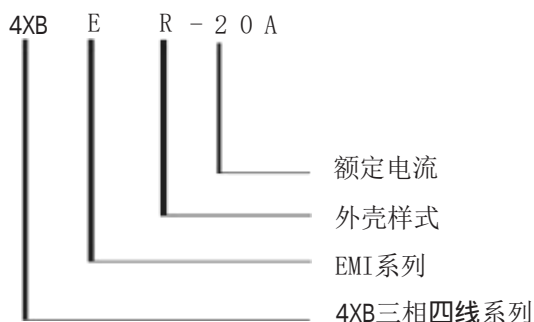
Apply in various electronical equipments powered by way of three phases four wires  
极佳的低频衰减特性, 具有良好的共模和差模干扰抑制特性

High attenuation to low frequency, excellent performance of common mode and differential mode interference suppression

主要应用于高性能电源、变频器 电力监控, 消防电子设备

Major in high-performance power, transducer power control, fire electronic equipment

#### 订购信息: Ordering Information



#### 可选型号: Available Part Numbers

| 型号<br>Type<br>ZYH- | 额定电流范围<br>Rated Current<br>(A) | 绝缘电阻<br>Insulation Resistance<br>(MΩ) | 端接方式<br>Term inal                                                                   |                                                                                     |
|--------------------|--------------------------------|---------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                    |                                |                                       | 入Input                                                                              | 出Output                                                                             |
| 4XBES              | 3-20                           | ≥ 1500                                |  |  |
| 4XBER              | 10-30                          | ≥ 1500                                |  |  |
| 4XBED              | 20-30                          | ≥ 1500                                |  |  |
| 4XBEY              | 40-50                          | ≥ 1500                                |  |  |
| 4XBEU              | 50-80                          | ≥ 1500                                |  |  |
| 4XBEJ              | 60-100                         | ≥ 1500                                |  |  |
| 4XBET              | 80-1000                        | ≥ 1500                                |  |  |

#### 规格: Specifications

每条线路对地的最大泄漏电流:

Maximum leakage current each Line to Ground:

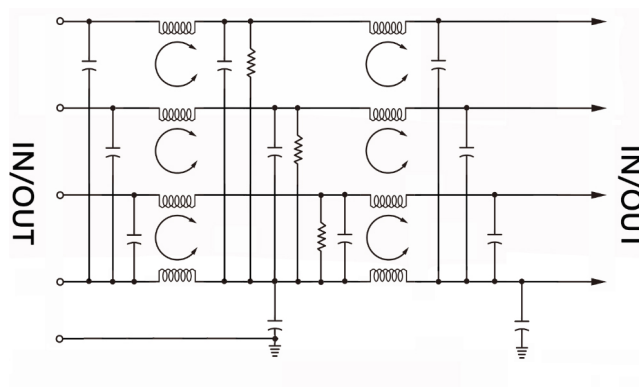
|                | 4XBES  | 4XBER  | 4XBED  | 4XBEY  |
|----------------|--------|--------|--------|--------|
| @380VAC 60Hz:  | ≤1.0mA | ≤1.3mA | ≤2.2mA | ≤2.7mA |
| @440VAC 50 Hz: | ≤1.2mA | ≤1.5mA | ≤2.5mA | ≤3.0mA |
|                | 4XBEU  | 4XBEJ  | 4XBET  |        |
| @380VAC 60Hz:  | ≤3.7mA | ≤6.0mA | ≤7.5mA |        |
| @440VAC 50 Hz: | ≤4.0mA | ≤6.5mA | ≤8.0mA |        |

#### Hipot额定值 (一分钟):

#### Hipot rating (one minute):

|                                |               |
|--------------------------------|---------------|
| 线路对地:<br>Line to Ground:       | 1800VAC       |
| 线对线:<br>Line to Line:          | 1500VDC       |
| 工作电压:<br>Rated Voltage (max.): | 380VAC/440VAC |
| 工作频率:<br>Operating Arequency:  | 50/60HZ       |
| 额定电流:<br>Rated Current:        | 1-1000A       |
| 气候类别:<br>Climatic Category     | 25/085/21     |

#### 电路原理图 Electrical Schematics

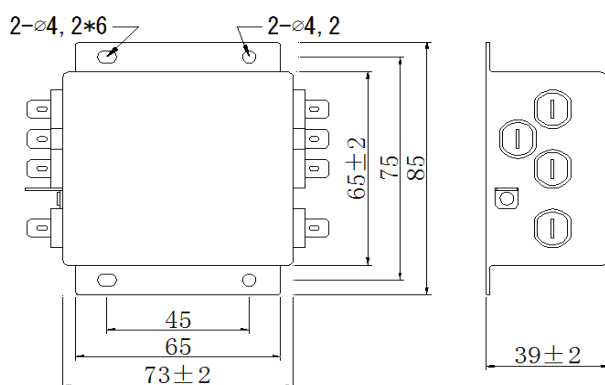


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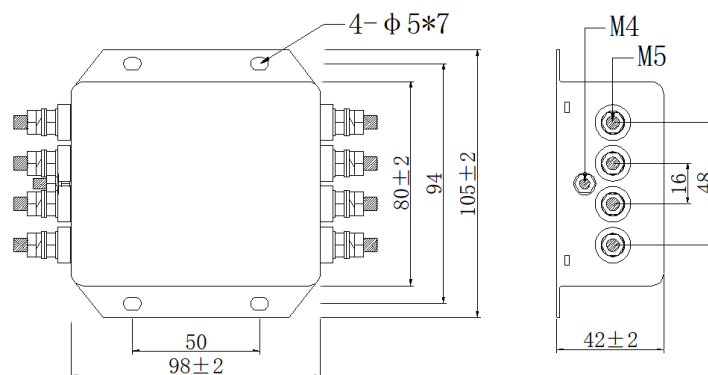
## ZYH-4XB系列 : ZYH-4XB Series

### 外壳样式: Case Styles

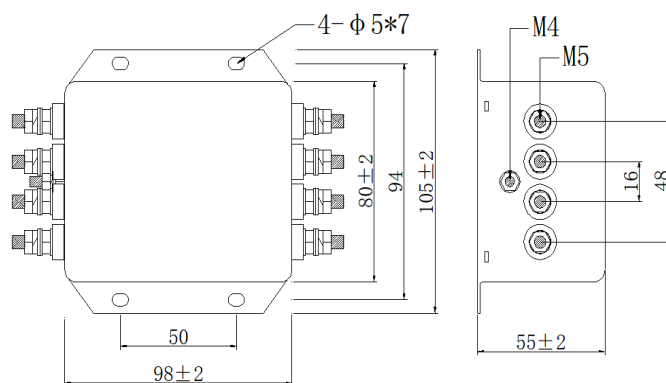
#### 4XBES外壳样式: 4XBES Case Styles



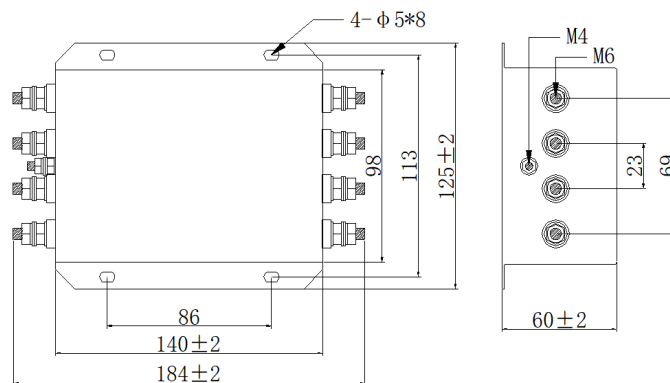
#### 4XBER外壳样式: 4XBER Case Styles



#### 4XBED外壳样式: 4XBED Case Styles



#### 4XBEY外壳样式: 4XBEY Case Styles



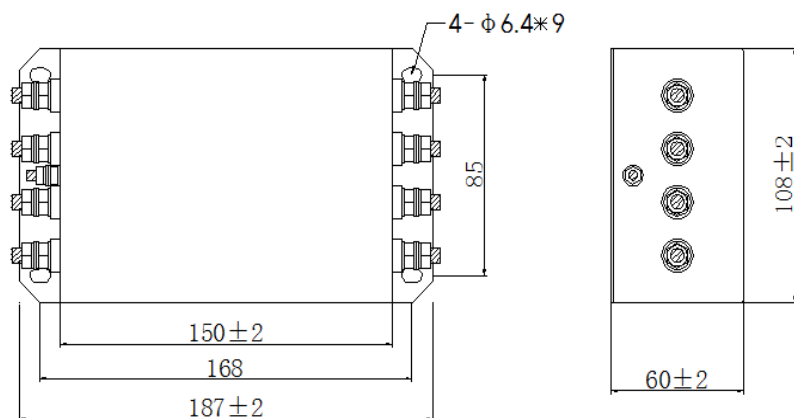
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## ZYH-4XB系列 : ZYH-4XB Series

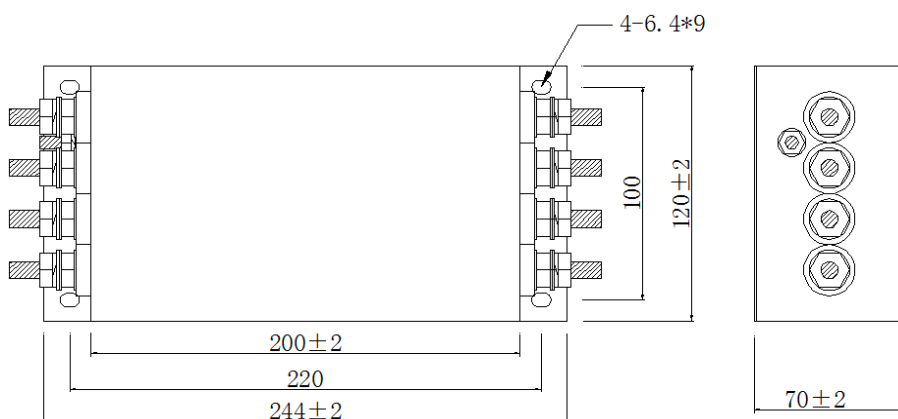
4XBEU外壳样式: 4XBEU Case Styles

样式1: Case Styles one



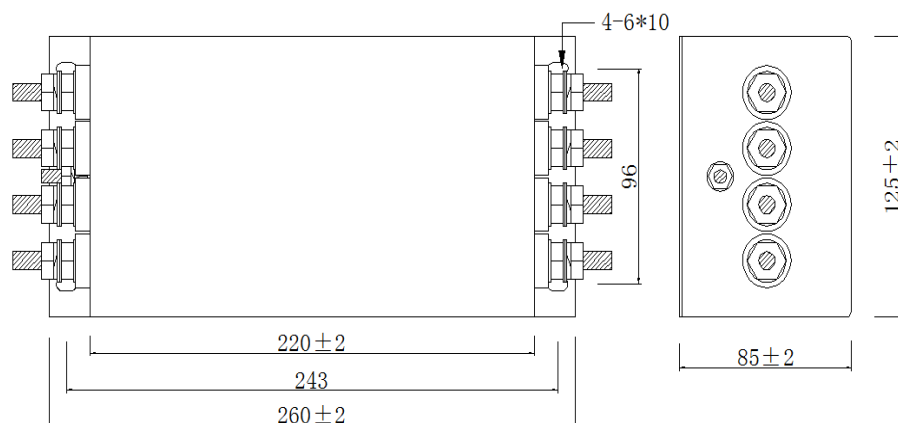
4XBEU外壳样式: 4XBEU Case Styles

样式2: Case Styles Two



4XBEU外壳样式: 4XBEU Case Styles

样式3: Case Styles Three

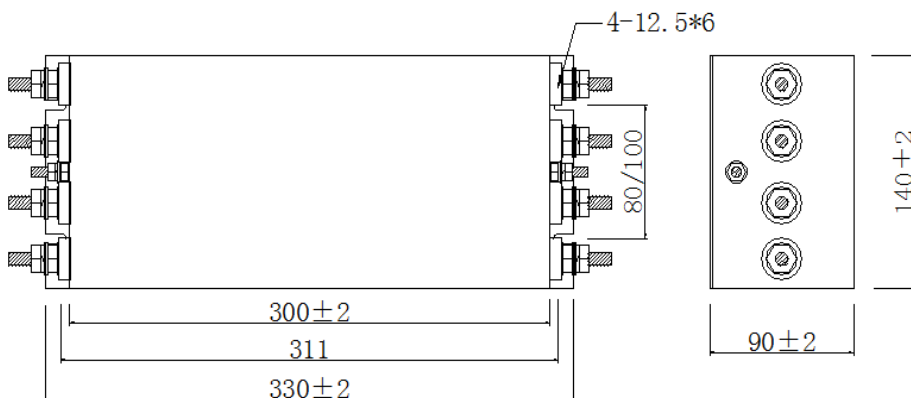


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 ZYH-4XB series three phases three wires high insertion loss EMI filter

## ZYH-4XB系列 : ZYH-4XB Series

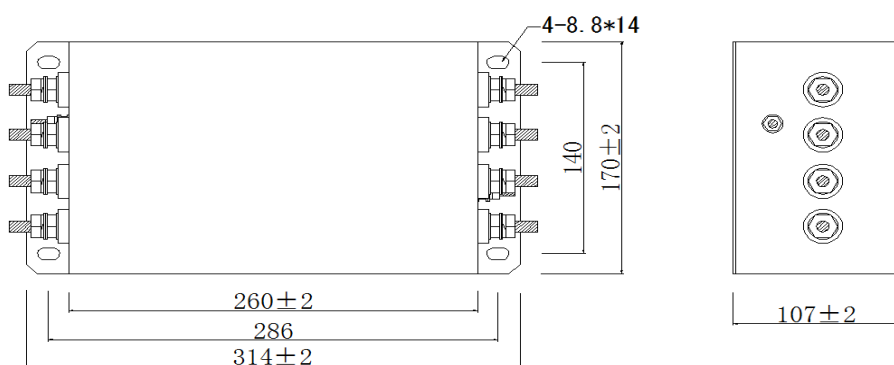
4XBEJ外壳样式: 4XBEJ Case Styles

样式1: Case Styles one

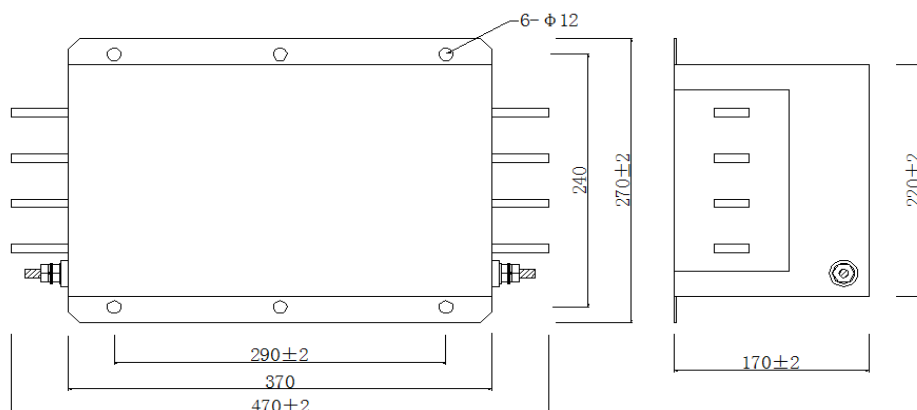


4XBEJ外壳样式: 4XBEJ Case Styles

样式2: Case Styles Two



4XBET外壳样式: 4XBET Case Styles



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## ZYH-4XB系列 : ZYH-4XB Series

### 性能参数

#### Performance Data

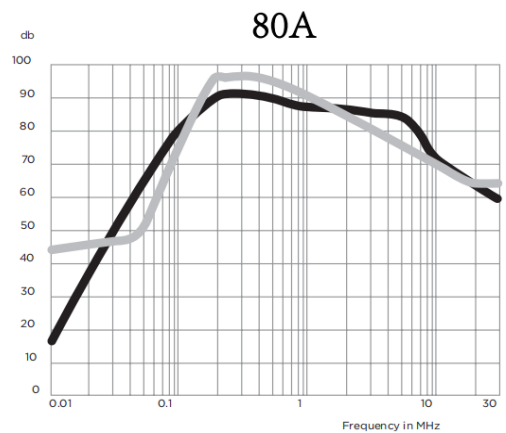
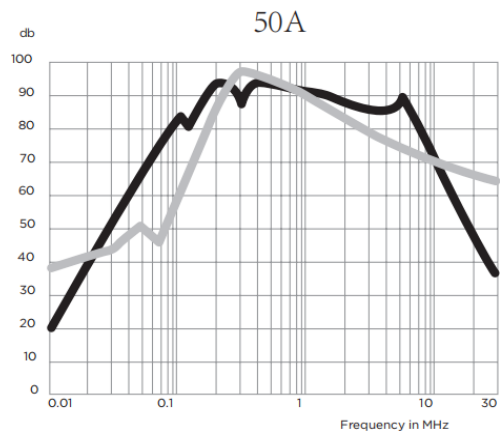
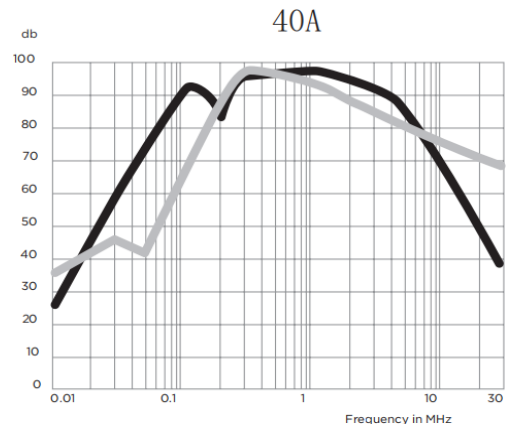
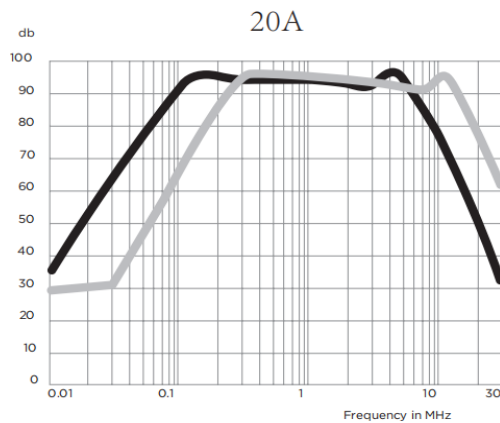
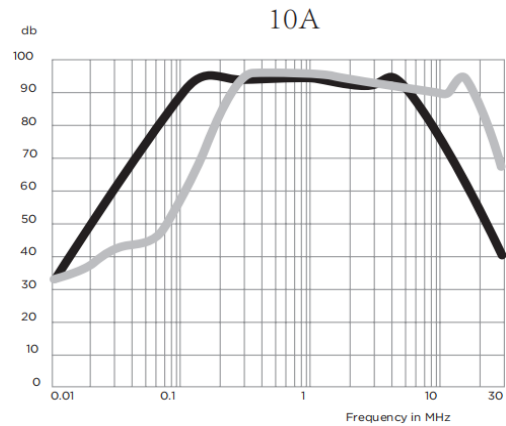
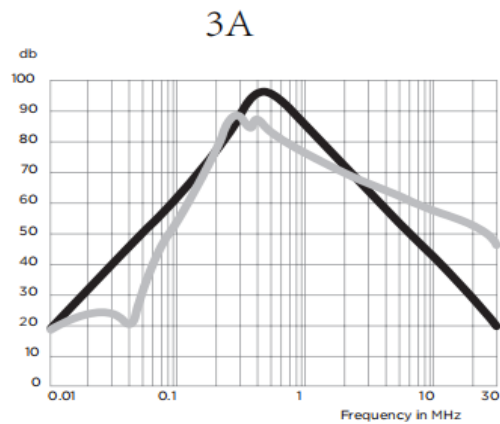
典型插入损耗

typical Insertion Loss

在封闭的50欧姆系统中测量

Measured in closed 50 Ohm system

 共模/不对称 (L-G)  
 Common Mode / Asymmetrical (L-G)  
 差模/对称 (L-L)  
 Differential Mode / Symmetrical (L-L)



## ZYH-4XB系列 : ZYH-4XB Series

### 性能参数

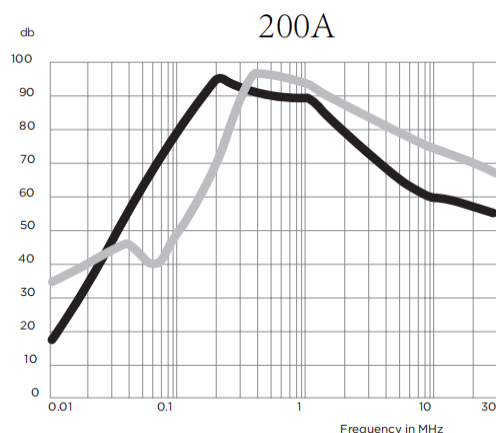
#### Performance Data

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 | 48 |
| 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 | 90 | 89 | 70 | 60 | 56 |

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 | 18 |
| 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 | 89 | 82 | 75 | 64 |