

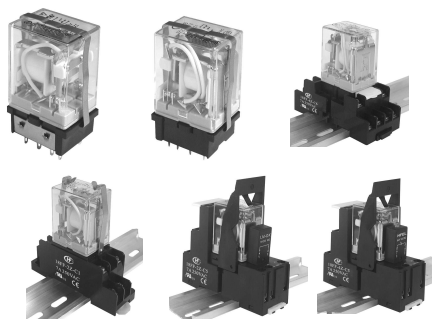
# 18FF系列

## 继电器插座

CE

cULus

认证号:E253370



### 特性

- 介质耐压可达2000VAC，绝缘电阻1000MΩ
- PCB式、螺钉式、导轨式安装形式可供选择
- 带手指保护功能插座可供选择
- 多款插入式模块可供选择，实现通电指示、线路保护等功能
- 可选用配件：卡簧、标识板、插入式模块
- 适用继电器型号：HF18FF、HF18FH
- 环保产品（符合RoHS）

### 订货标记示例

|          |                                                                                                                             |     |     |
|----------|-----------------------------------------------------------------------------------------------------------------------------|-----|-----|
|          | 18FF                                                                                                                        | -2Z | -C1 |
| 继电器插座型号  |                                                                                                                             |     |     |
| 触点形式     | 2Z: 二组转换；3Z: 三组转换；4Z: 四组转换                                                                                                  |     |     |
| 引出端和安装形式 | A2: 印制板式引出端、印制板式安装<br>C1: 螺钉式引出端、导轨式或螺钉式安装, 不带手指保护结构<br>C2/C4/C5/C8: 螺钉式引出端、导轨式或螺钉式安装, 带手指保护结构<br>C9: 无螺纹引出端、导轨式安装, 带手指保护结构 |     |     |

### 性能参数

| 插座型号            | 额定电压   | 额定电流 | 环境温度       | 介质耐压min. | 螺钉扭矩   | 剥露导线长度 | 重量   |
|-----------------|--------|------|------------|----------|--------|--------|------|
| 18FF-2Z-A2      | 250VAC | 7A   | -40℃ ~ 70℃ | 2000VAC  | —      | —      | 约8g  |
| 18FF-2Z-C1      | 250VAC | 7A   | -40℃ ~ 70℃ | 2000VAC  | 0.8N·m | 7mm    | 约35g |
| 18FF-2Z-C2      | 250VAC | 7A   | -40℃ ~ 70℃ | 2000VAC  | 0.8N·m | 7mm    | 约36g |
| 18FF-2Z-C4      | 250VAC | 7A   | -40℃ ~ 70℃ | 2000VAC  | 0.6N·m | 7mm    | 约53g |
| 18FF-2Z-C5      | 250VAC | 7A   | -40℃ ~ 70℃ | 2000VAC  | 0.6N·m | 7mm    | 约64g |
| 18FF-2Z-C8      | 250VAC | 7A   | -40℃ ~ 70℃ | 2000VAC  | 0.6N·m | 7mm    | 约41g |
| 18FF-2Z-C9      | 250VAC | 7A   | -40℃ ~ 70℃ | 2000VAC  | —      | 7mm    | 约70g |
| 18FF-3Z-C4      | 250VAC | 7A*  | -40℃ ~ 70℃ | 2000VAC  | 0.6N·m | 7mm    | 约59g |
| 18FF-3Z-C5      | 250VAC | 7A*  | -40℃ ~ 70℃ | 2000VAC  | 0.6N·m | 7mm    | 约71g |
| 18FF-4Z-A2      | 250VAC | 7A*  | -40℃ ~ 70℃ | 2000VAC  | —      | —      | 约8g  |
| 18FF-4Z-C1      | 250VAC | 7A*  | -40℃ ~ 70℃ | 2000VAC  | 0.8N·m | 7mm    | 约58g |
| 18FF-4Z-C2      | 250VAC | 7A*  | -40℃ ~ 70℃ | 2000VAC  | 0.8N·m | 7mm    | 约59g |
| 18FF-4Z-C4      | 250VAC | 7A*  | -40℃ ~ 70℃ | 2000VAC  | 0.6N·m | 7mm    | 约64g |
| 18FF-4Z-C5      | 250VAC | 7A*  | -40℃ ~ 70℃ | 2000VAC  | 0.6N·m | 7mm    | 约76g |
| 18FF-4Z-C8      | 250VAC | 7A*  | -40℃ ~ 70℃ | 2000VAC  | 0.6N·m | 7mm    | 约51g |
| 18FF-4Z-C9      | 250VAC | 7A*  | -40℃ ~ 70℃ | 2000VAC  | —      | 7mm    | 约81g |
| 18FZ-2Z-C2      | 250VAC | 7A   | -40℃ ~ 70℃ | 2000VAC  | 0.8N·m | 7mm    | 约30g |
| 18FZ-4Z-C2      | 250VAC | 5A   | -40℃ ~ 70℃ | 2000VAC  | 0.8N·m | 7mm    | 约44g |
| 18FF-2Z-C1(734) | 250VAC | 12A  | -40℃ ~ 70℃ | 2000VAC  | 0.8N·m | 7mm    | 约35g |
| 18FF-2Z-C2(734) | 250VAC | 12A  | -40℃ ~ 70℃ | 2000VAC  | 0.8N·m | 7mm    | 约36g |
| 18FF-2Z-C4(734) | 250VAC | 12A  | -40℃ ~ 70℃ | 2000VAC  | 0.6N·m | 7mm    | 约53g |
| 18FF-2Z-C5(734) | 250VAC | 12A  | -40℃ ~ 70℃ | 2000VAC  | 0.6N·m | 7mm    | 约64g |
| 18FF-3Z-C5(734) | 250VAC | 10A  | -40℃ ~ 70℃ | 2000VAC  | 0.6N·m | 7mm    | 约71g |

备注：“\*”的插座型号，各组电流总和不得超过20A。



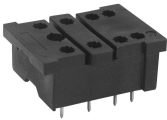
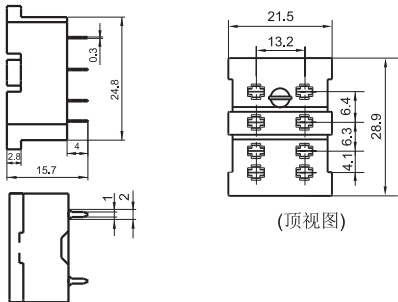
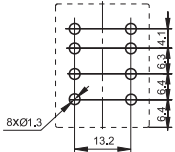
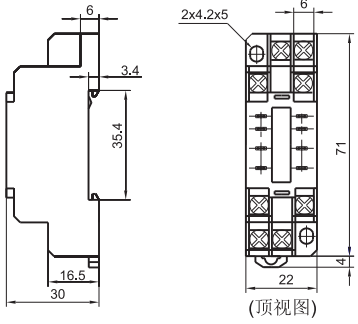
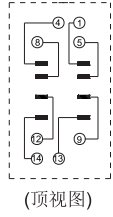
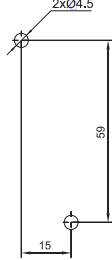
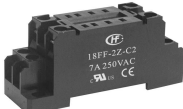
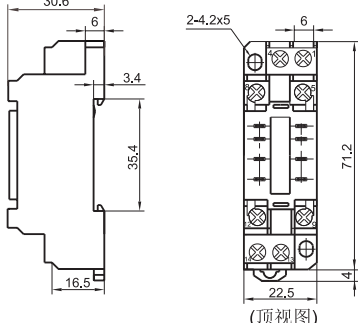
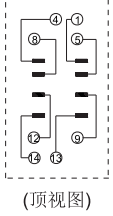
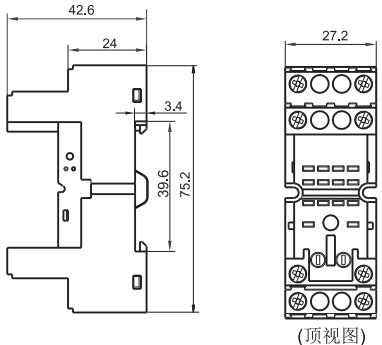
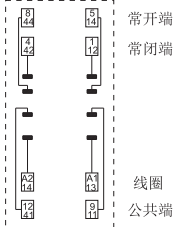
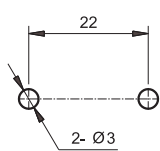
宏发继电器

ISO9001、ISO/TS16949、ISO14001、OHSAS18001、IECQ QC080000 认证企业

2020 Rev. 1.01

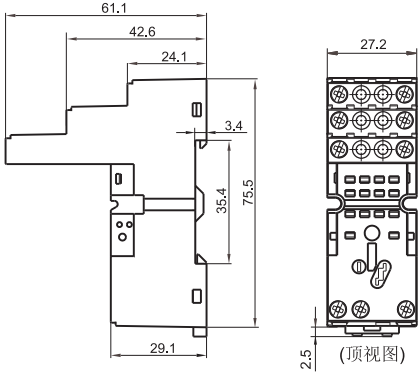
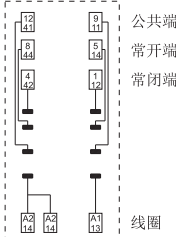
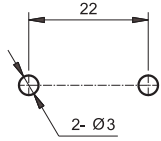
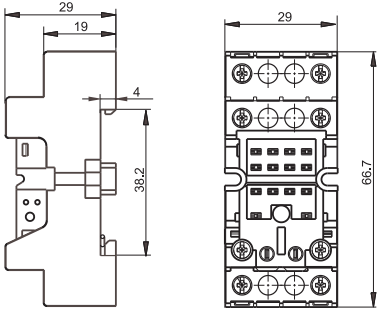
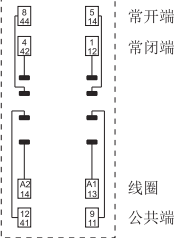
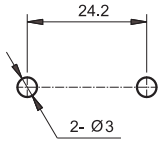
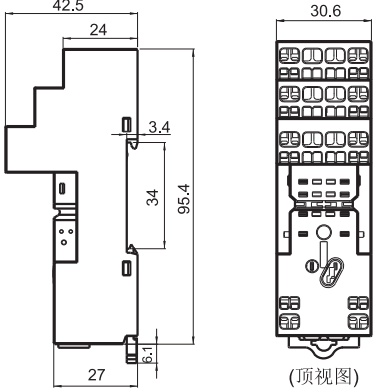
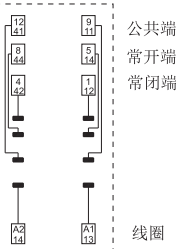
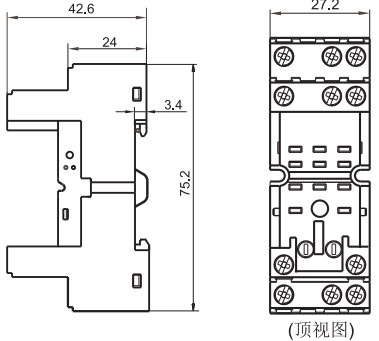
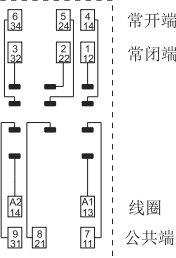
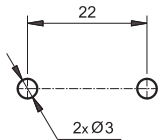
# 外形图、接线图、安装孔尺寸

单位: mm

| 插座                                                                                                                                                                                    | 外形尺寸                                                                                         | 接线图                                                                                           | 安装孔尺寸                                                                                 | 可选配件                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| <b>18FF-2Z-A2</b><br><br>印制板式引出端、<br>印制板式安装<br>适用于两组的继电器产品                                           | <br>(顶视图)   |                                                                                               |    | 金属卡簧<br><b>18FF-H1</b>                                                                               |
| <b>18FF-2Z-C1</b><br><b>18FF-2Z-C1(734)</b><br><br>螺钉式引出端、<br>导轨式或螺钉式安装<br>不带手指保护结构<br>适用于两组的继电器产品   | <br>(顶视图)   | <br>(顶视图)   |    | 金属卡簧<br><b>18FF-H2</b><br>(成对配合使用)                                                                   |
| <b>18FF-2Z-C2</b><br><b>18FF-2Z-C2(734)</b><br><br>螺钉式引出端、<br>导轨式或螺钉式安装、<br>带手指保护结构<br>适用于两组的继电器产品 | <br>(顶视图) | <br>(顶视图) |  | *金属卡簧<br><b>18FF-H2</b><br>(成对配合使用)                                                                  |
| <b>18FF-2Z-C4</b><br><b>18FF-2Z-C4(734)</b><br><br>螺钉式引出端、<br>导轨式或螺钉式安装、<br>带手指保护结构<br>适用于两组的继电器产品 | <br>(顶视图) | <br>(顶视图) |  | *塑料卡簧<br><b>18FF-H4</b><br>*金属卡簧<br><b>18FF-H5</b><br>*插入式模块<br>HFAA ~ HFHU<br>标识板<br><b>18FF-M1</b> |

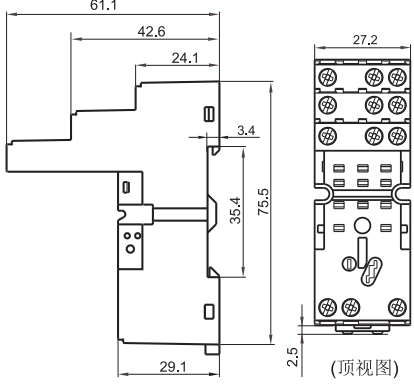
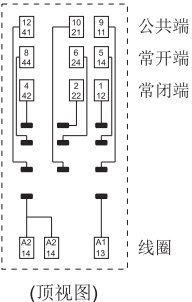
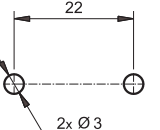
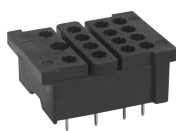
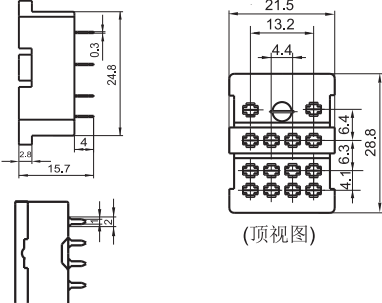
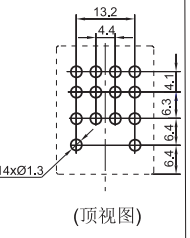
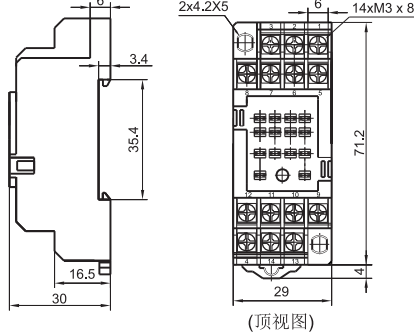
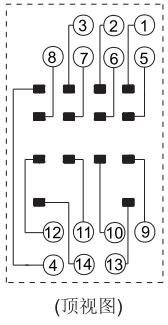
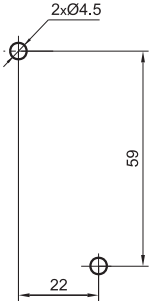
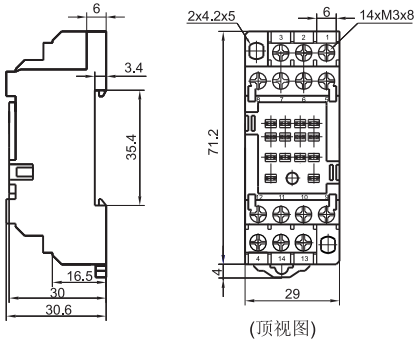
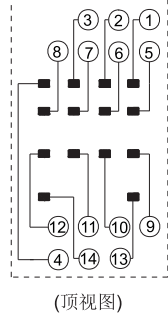
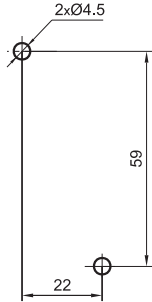
# 外形图、接线图、安装孔尺寸

单位: mm

| 插座                                                                                                                                                                                         | 外形尺寸                                                                                             | 接线图                                                                                               | 安装孔尺寸                                                                                 | 可选配件                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>18FF-2Z-C5</b><br><b>18FF-2Z-C5(734)</b><br> <p>螺钉式引出端、<br/>导轨式或螺钉式安装、<br/>带手指保护结构<br/>适用于两组的继电器产品</p> |  <p>(顶视图)</p>   |  <p>(顶视图)</p>   |    | <p>*塑料卡簧<br/>18FF-H4</p> <p>*金属卡簧<br/>18FF-H5</p> <p>*插入式模块<br/>HFAA ~ HFHU</p> <p>标识板<br/>18FF-M1</p> |
| <b>18FF-2Z-C8</b><br> <p>螺钉式引出端、<br/>导轨式或螺钉式安装、<br/>带手指保护结构<br/>适用于两组的继电器产品</p>                           |  <p>(顶视图)</p>  |  <p>(顶视图)</p>   |    | <p>*金属卡簧<br/>18FF-H5</p> <p>*塑料卡簧<br/>18FF-H4</p> <p>*插入式模块<br/>HFAA ~ HFHU</p> <p>标识板<br/>18FF-M3</p> |
| <b>18FF-2Z-C9</b><br> <p>弹簧式引出端、<br/>导轨式安装、<br/>带手指保护结构<br/>适用于两组的继电器产品</p>                             |  <p>(顶视图)</p> |  <p>(顶视图)</p> |                                                                                       | <p>塑料卡簧<br/>18FF-H4</p> <p>金属卡簧<br/>18FF-H5</p> <p>插入式模块<br/>HFAA ~ HFHU*</p> <p>标识板<br/>18FF-M3</p>   |
| <b>18FF-3Z-C4</b><br> <p>螺钉式引出端、<br/>导轨式或螺钉式安装、<br/>带手指保护结构<br/>适用于三组的继电器产品</p>                         |  <p>(顶视图)</p> |  <p>(顶视图)</p> |  | <p>塑料卡簧<br/>18FF-H4</p> <p>金属卡簧<br/>18FF-H5</p> <p>标识板<br/>18FF-M1</p> <p>插入式模块<br/>HFAA ~ HFHU*</p>   |

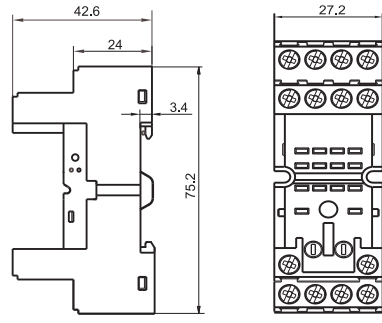
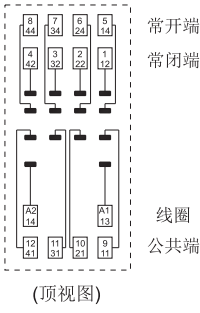
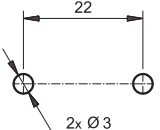
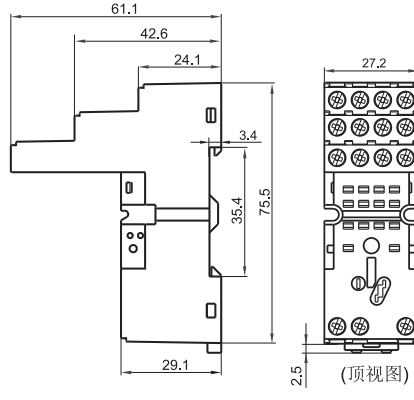
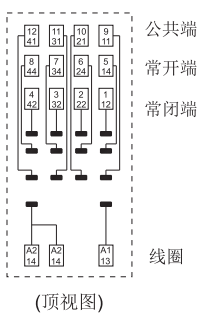
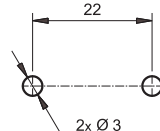
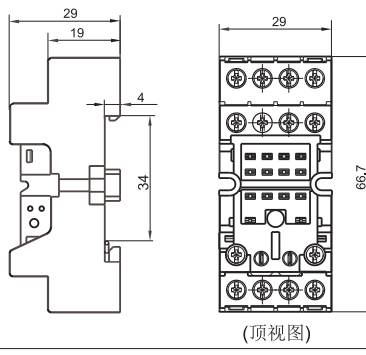
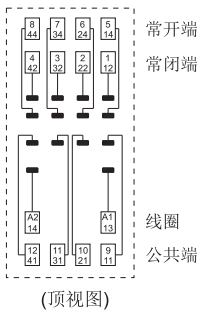
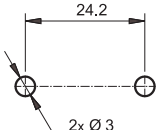
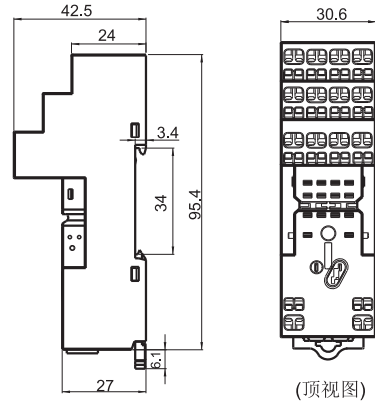
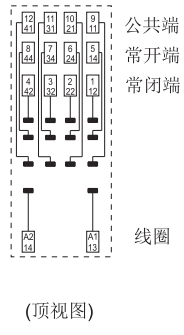
# 外形图、接线图、安装孔尺寸

单位: mm

| 插座                                                                                                                                                                                      | 外形尺寸                                                                                             | 接线图                                                                                               | 安装孔尺寸                                                                                             | 可选配件                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>18FF-3Z-C5</b><br><b>18FF-3Z-C5(734)</b>  <p>螺钉式引出端、<br/>导轨式或螺钉式安装、<br/>带手指保护结构<br/>适用于三组的继电器产品</p> |  <p>(顶视图)</p>   |  <p>(顶视图)</p>   |                | 塑料卡簧<br><b>18FF-H4</b><br>金属卡簧<br><b>18FF-H5</b><br><br>标识板<br><b>18FF-M1</b><br><br>插入式模块<br><b>HFAA ~ HFHU*</b> |
| <b>18FF-4Z-A2</b>  <p>印制板式引出端、<br/>印制板式安装<br/>适用于四组的继电器产品</p>                                          |  <p>(顶视图)</p>  |                                                                                                   |  <p>(顶视图)</p> | 金属卡簧<br><b>18FF-H1</b>                                                                                            |
| <b>18FF-4Z-C1</b>  <p>螺钉式引出端、<br/>导轨式或螺钉式安装<br/>不带手指保护结构<br/>适用于四组的继电器产品</p>                         |  <p>(顶视图)</p> |  <p>(顶视图)</p> |              | 金属卡簧<br><b>18FF-H2</b><br>(成对配合使用)                                                                                |
| <b>18FF-4Z-C2</b>  <p>螺钉式引出端、<br/>导轨式或螺钉式安装、<br/>带手指保护结构<br/>适用于四组的继电器产品</p>                         |  <p>(顶视图)</p> |  <p>(顶视图)</p> |              | 金属卡簧<br><b>18FF-H2</b><br>(成对配合使用)                                                                                |

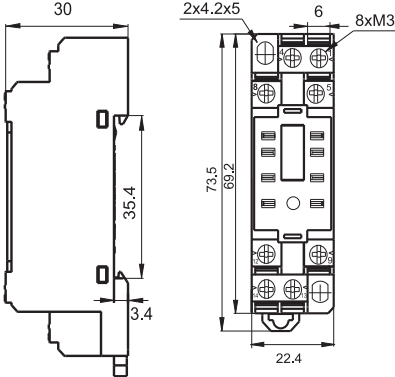
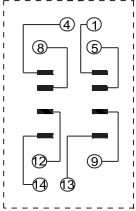
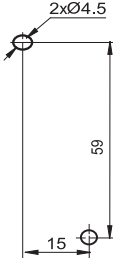
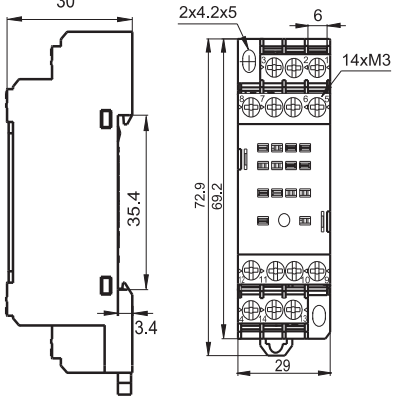
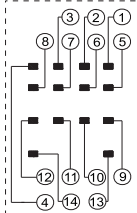
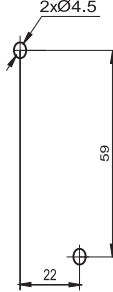
# 外形图、接线图、安装孔尺寸

单位: mm

| 插座                                                                                                                                                          | 外形尺寸                                                                                         | 接线图                                                                                           | 安装孔尺寸                                                                                 | 可选配件                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>18FF-4Z-C4</b><br><br>螺钉式引出端、<br>导轨式或螺钉式安装、<br>带手指保护结构<br>适用于四组的继电器产品   | <br>(顶视图)   | <br>(顶视图)   |    | 塑料卡簧<br><b>18FF-H4</b><br>金属卡簧<br><b>18FF-H5</b><br>标识板<br><b>18FF-M1</b><br>插入式模块<br><b>HFAA ~ HFHU*</b> |
| <b>18FF-4Z-C5</b><br><br>螺钉式引出端、<br>导轨式或螺钉式安装、<br>带手指保护结构<br>适用于四组的继电器产品   | <br>(顶视图)  | <br>(顶视图)  |    | 塑料卡簧<br><b>18FF-H4</b><br>金属卡簧<br><b>18FF-H5</b><br>标识板<br><b>18FF-M1</b><br>插入式模块<br><b>HFAA ~ HFHU*</b> |
| <b>18FF-4Z-C8</b><br><br>螺钉式引出端、<br>导轨式或螺钉式安装、<br>带手指保护结构<br>适用于四组的继电器产品 | <br>(顶视图) | <br>(顶视图) |  | 塑料卡簧<br><b>18FF-H4</b><br>金属卡簧<br><b>18FF-H5</b><br>标识板<br><b>18FF-M3</b><br>插入式模块<br><b>HFAA ~ HFHU*</b> |
| <b>18FF-4Z-C9</b><br><br>弹簧式引出端、<br>导轨式安装、<br>带手指保护结构<br>适用于四组的继电器产品     | <br>(顶视图) | <br>(顶视图) |                                                                                       | 塑料卡簧<br><b>18FF-H4</b><br>金属卡簧<br><b>18FF-H5</b><br>插入式模块<br><b>HFAA ~ HFHU*</b><br>标识板<br><b>18FF-M3</b> |

外形图、接线图、安装孔尺寸

单位: mm

| 插座                                                                                                                                                               | 外形尺寸                                                                                          | 接线图                                                                                                            | 安装孔尺寸                                                                                          | 可选配件                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------|
| <div>18FZ-2Z-C2</div> <div></div> <div>螺钉式引出端、<br/>导轨式或螺钉式安装、<br/>带手指保护结构</div> | <div></div>  | <div></div> <div>(顶视图)</div> | <div></div> | 金属卡簧<br>18FF-H2<br>(成对配合使用) |
| <div>18FZ-4Z-C2</div> <div></div> <div>螺钉式引出端、<br/>导轨式或螺钉式安装、<br/>带手指保护结构</div> | <div></div> | <div></div> <div>(顶视图)</div> | <div></div> | 金属卡簧<br>18FF-H2<br>(成对配合使用) |

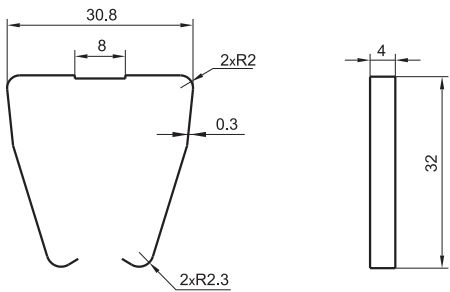
备注：\* 如需配件请按型号订购。

相关配件尺寸(可选)

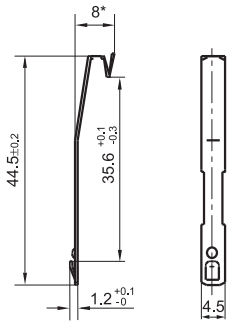
单位: mm

卡簧

18FF-H1(金属卡簧)



18FF-H2(金属卡簧)



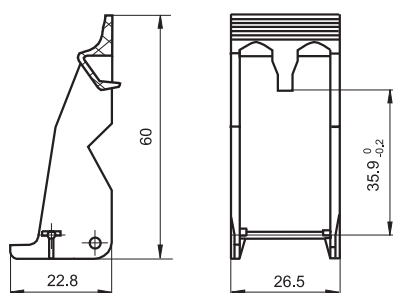
备注：18FF-H2卡簧须成对配合使用，订购时请特别留意。

## 相关配件尺寸(可选)

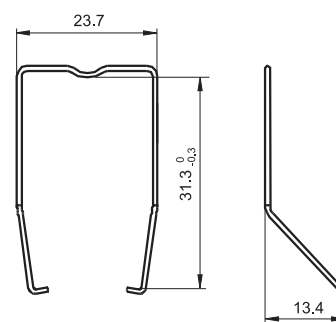
单位: mm

### 卡簧

18FF-H4 (塑料卡簧)



18FF-H5 (金属卡簧)

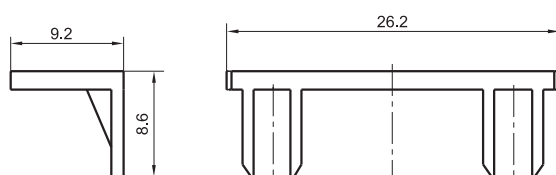


## 相关配件尺寸(可选)

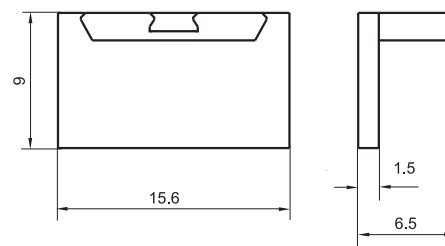
单位: mm

### 标识板

18FF-M1



18FF-M3



配件选用表

| 继电器型号              | 面板结构       | 插座型号            | 卡簧型号       | 标识板        | 模块        |
|--------------------|------------|-----------------|------------|------------|-----------|
| HF18FF/□□-2Z1□□□   | 无按钮型       | 18FF-2Z-A2      | 18FF-H1    | -          | -         |
|                    |            | 18FF-2Z-C1      | 18FF-H2    |            |           |
|                    |            | 18FF-2Z-C2      |            |            |           |
|                    |            | 18FZ-2Z-C2      |            |            |           |
|                    |            | 18FF-2Z-C4      | 18FF-H4/H5 | 18FF-M1    | HFAA~HFHU |
|                    |            | 18FF-2Z-C5      |            | 18FF-M3    |           |
|                    |            | 18FF-2Z-C8      |            |            |           |
|                    |            | 18FF-2Z-C9      |            | 18FF-M1    |           |
| 18FF-3Z-C4         |            |                 |            |            |           |
| 18FF-3Z-C5         |            |                 |            |            |           |
| HF18FF/□□-3Z1□□□   |            | 18FF-4Z-A2      |            | 18FF-H1    |           |
|                    |            | 18FF-4Z-C1      | 18FF-H2    |            |           |
|                    |            | 18FF-4Z-C2      |            |            |           |
|                    |            | 18FZ-4Z-C2      |            |            |           |
|                    |            | 18FF-4Z-C4      | 18FF-H4/H5 | 18FF-M1    |           |
|                    |            | 18FF-4Z-C5      |            | 18FF-M3    |           |
|                    |            | 18FF-4Z-C8      |            |            |           |
|                    |            | 18FF-4Z-C9      |            |            |           |
| HF18FH/□□-2Z1□□□   |            | 带按钮型            | 18FF-2Z-C4 | 18FF-H4/H5 | 18FF-M1   |
|                    | 18FF-2Z-C5 |                 | 18FF-M3    |            |           |
|                    | 18FF-2Z-C8 |                 |            |            |           |
|                    | 18FF-2Z-C9 |                 | 18FF-M1    |            |           |
|                    | 18FF-3Z-C4 |                 |            |            |           |
|                    | 18FF-3Z-C5 |                 | 18FF-M1    |            |           |
|                    | 18FF-4Z-C4 |                 |            |            |           |
|                    | 18FF-4Z-C5 |                 | 18FF-M3    |            |           |
| 18FF-4Z-C8         |            |                 |            |            |           |
| 18FF-4Z-C9         |            |                 |            |            |           |
| HF18FF-G/□□-2Z1□□□ | 无按钮型       | 18FF-2Z-C1(734) | 18FF-H2    | -          | -         |
|                    |            | 18FF-2Z-C2(734) | 18FF-H4/H5 | 18FF-M1    | HFAA~HFHU |
|                    |            | 18FF-2Z-C4(734) |            |            |           |
|                    |            | 18FF-2Z-C5(734) |            |            |           |
|                    |            | 18FF-3Z-C5(734) |            |            |           |
| HF18FF-G/□□-3Z1□□□ | 带按钮型       | 18FF-2Z-C4(734) |            |            |           |
| 18FF-2Z-C5(734)    |            |                 |            |            |           |
| 18FF-3Z-C5(734)    |            |                 |            |            |           |
| HF18FH-G/□□-2Z1□□□ | 带按钮型       |                 |            |            |           |
| HF18FH-G/□□-3Z1□□□ |            |                 |            |            |           |

**选配插座时的注意事项：**

1. 请根据实际安装环境、继电器触点组数和继电器引出脚脚位选择合适的继电器插座，选型过程中如有疑问，请与宏发联系以便获取更多的技术支持；
2. 可安装标识卡的插座标配1个标识板，其他相关配件均须另外选配，请您在订货时，务必分别注明挑选的继电器插座及相关配件的型号；
3. 以上仅列举了适用于**HF18FF**继电器产品的典型插座和相关配件型号，如有特殊要求，请与我们联系；
4. 主要外形尺寸，当外形尺寸>50mm时，公差为±1mm；当20mm<外形尺寸≤50mm之间时，公差为±0.5mm；当5mm<外形尺寸≤20mm之间时，公差为±0.4mm，当外形尺寸≤5mm时，公差为±0.3mm；
5. 导轨安装时，建议使用DIN标准35x7.5x1、35x15x1的标准导轨。

**声明：**

本产品规格书仅供客户使用时参考，其中未明确规定的要求条件，详见“继电器术语解释及使用指南”。若有更改，恕不另行通知。

对宏发而言，不可能评定继电器在每个具体应用领域的所有性能参数要求，因而客户应根据具体的使用条件选择与之相匹配的产品，如有疑问，请与宏发联系以便获取更多的技术支持。但产品选型责任仅由客户负责。