

14FF Sockets

RELAY SOCKETS



CE

cULus

File No.: E253370

Features

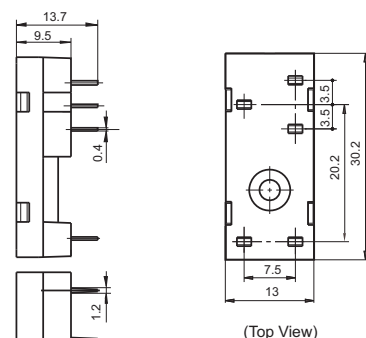
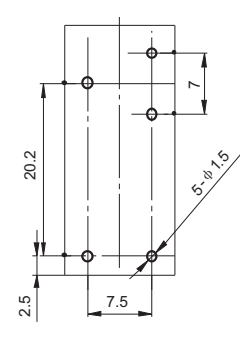
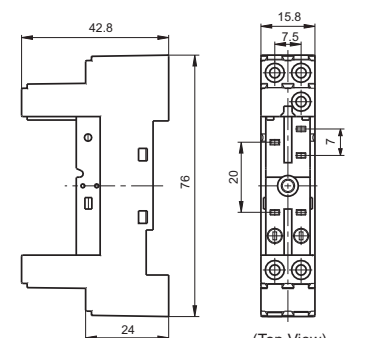
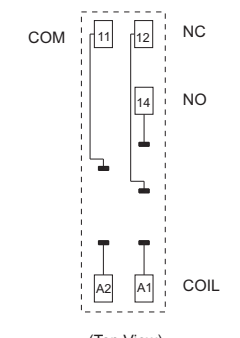
- The dielectric strength can reach 5000VAC and the insulation resistance is 1000 MΩ
- Three mounting types are available: PCB, screw mounting and DIN rail mounting.
- With finger protection device
- Many kinds of plug-in modules are available with the function of energizing indication and wiring protection
- Applicable relay types: HF115F/115F-A/115FP, HF14FF/14FW/140FF/141FF
- Environmental friendly product (RoHS compliant)

CHARACTERISTICS

Type	Nominal Voltage	Nominal Current	Ambient Temperature	Dielectric Strength min.	Screw Torque	Wire Strip Length
14FF-1Z-A1	250VAC	10A	-40 °C to 70 °C	5000VAC	—	—
14FF-1Z-C2	250VAC	10A	-40 °C to 70 °C	5000VAC	0.6N · m	7mm
14FF-1Z-C3	250VAC	10A	-40 °C to 70 °C	5000VAC	0.6N · m	7mm
14FF-2Z-A1	250VAC	10A	-40 °C to 70 °C	5000VAC	—	—
14FF-2Z-C2	250VAC	10A	-40 °C to 70 °C	5000VAC	0.6N · m	7mm
14FF-2Z-C3	250VAC	10A	-40 °C to 70 °C	5000VAC	0.6N · m	7mm
14FF-2Z-C4	250VAC	10A	-40 °C to 70 °C	5000VAC	0.6N · m	7mm
140FF-2Z-C3	250VAC	10A	-40 °C to 70 °C	5000VAC	0.6N · m	7mm

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

Unit: mm

Socket	Outline Dimensions	Wiring Diagram / PCB Layout	Components Available
14FF-1Z-A1  PCB terminal, PCB or Screw mounting Applicable for HF14FF/141FF, HF115F/115F-A 1 type	 (Top View)	 (Top View)	metallic retainer 14FF-H1 14FF-H2
14FF-1Z-C2  Screw terminal, PCB or Screw mounting Applicable for HF14FF/141FF, HF115F/115F-A 1 type	 (Top View)	 (Top View)	metallic retainer 14FF-H4 14FF-H5 14FF-H6 marker 14FF-M1 jumper 14FF-J1 plug-in module HFAA to HFHU*



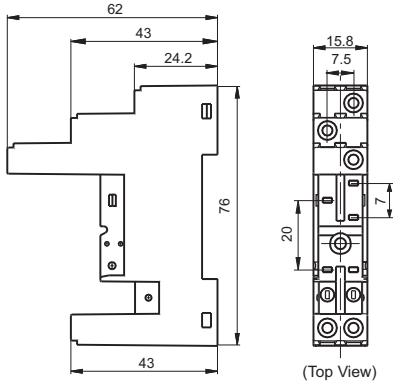
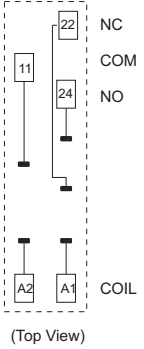
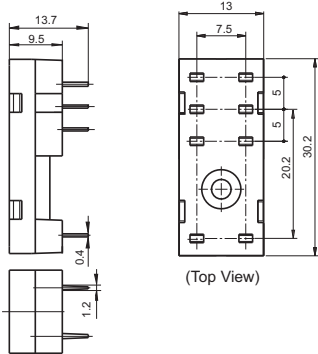
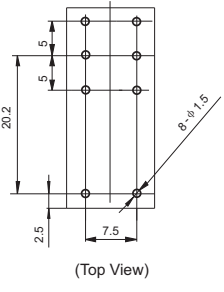
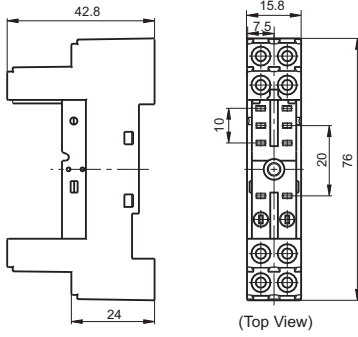
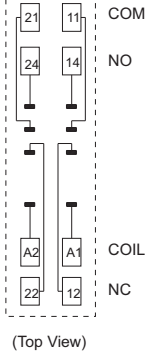
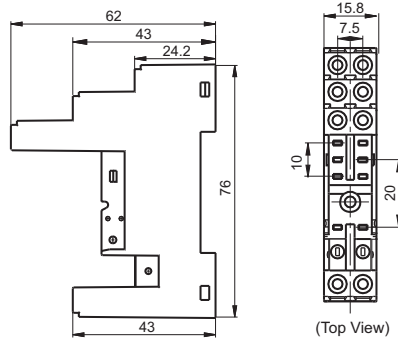
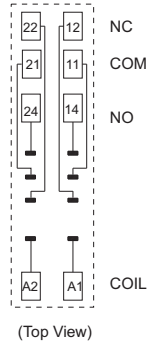
HONGFA RELAY

ISO9001, ISO/TS16949, ISO14001, OHSAS18001, IECQ QC 080000 CERTIFIED

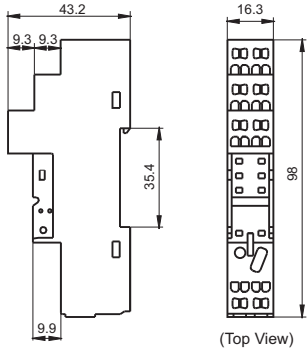
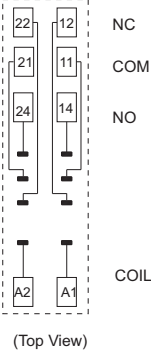
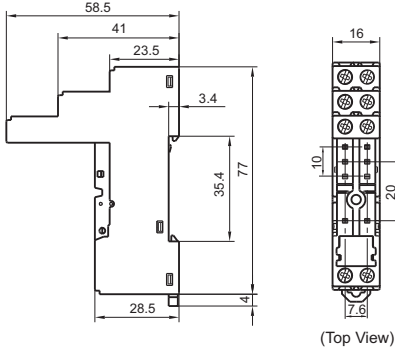
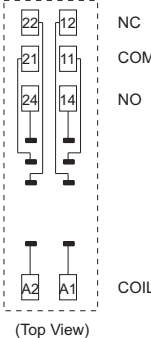
2012 Rev. 1.01

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

Unit: mm

Socket	Outline Dimensions	Wiring Diagram / PCB Layout	Components Available
14FF-1Z-C3  Screw Terminal, DIN rail or Screw mounting, With finger protection device Applicable for HF14FF/141FF, HF115F/115F-A 1 type	 (Top View)	 (Top View)	plastic retainer 14FF-H4 14FF-H5 14FF-H6 marker 14FF-M1 jumper 14FF-J1 plug-in module HFAA to HFHU*
14FF-2Z-A1  PCB terminal, PCB or Screw mounting Applicable for HF14FW/140FF, HF115F/115F-A/115FP 3 type & 4 type	 (Top View)	 (Top View)	metallic retainer 14FF-H1 14FF-H3
14FF-2Z-C2  Screw Terminal, DIN rail or Screw mounting, With finger protection device Applicable for HF14FW/140FF, HF115F/115F-A/115FP 3 type & 4 type	 (Top View)	 (Top View)	plastic retainer 14FF-H4 14FF-H6 marker 14FF-M1 jumper 14FF-J1 plug-in module HFAA to HFHU*
14FF-2Z-C3  Screw Terminal, DIN rail or Screw mounting, With finger protection device Applicable for HF14FW/140FF, HF115F/115F-A/115FP 3 type & 4 type	 (Top View)	 (Top View)	plastic retainer 14FF-H4 14FF-H6 marker 14FF-M1 jumper 14FF-J1 plug-in module HFAA to HFHU*

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT Unit: mm

Socket	Outline Dimensions	Wiring Diagram / PCB Layout	Components Available
14FF-2Z-C4  Spring-loaded terminal DIN rail mounting With finger protection device Applicable for HF14FW/140FF, HF115F/115F-A/115FP 3 type & 4 type	 (Top View)	 (Top View)	plastic retainer 14FF-H4 14FF-H6 marker 14FF-M1 plug-in module HFAA to HFHU*
140FF-2Z-C3  Screw terminal DIN rail or Screw mounting With finger protection device Applicable for HF14FW/140FF	 (Top View)	 (Top View)	plastic retainer 140F-H1 marker 140FF-M1 jumper 140FF-J1

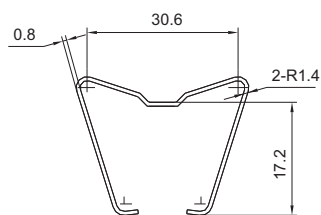
Notes: * Please refer to the product datasheet if plug-in module is required.

DIMENSION OF RELATED COMPONENT (AVAILABLE)

Unit: mm

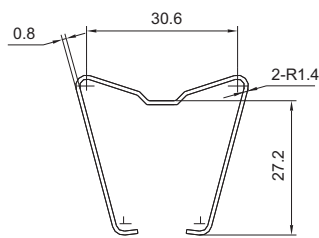
Retainer

14FF-H1(metallic retainer)



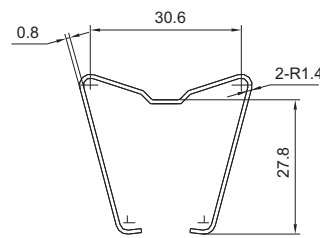
Remark: Applicable for HF115F/115F-A.

14FF-H2(metallic retainer)



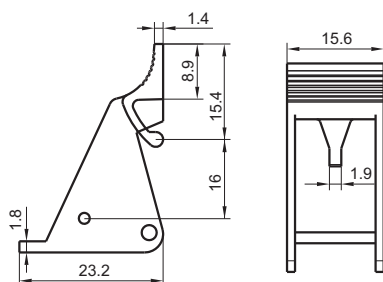
Remark: Applicable for HF14FF.

14FF-H3(metallic retainer)



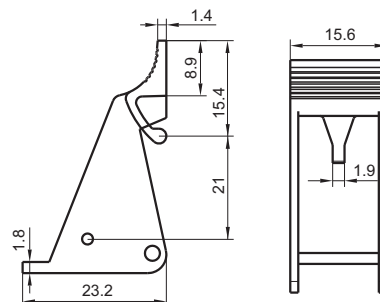
Remark: Applicable for HF115FP, HF14FW, HF140FF.

14FF-H4(Plastic retainer)



Remark: Applicable for HF115F/HF115F-A.

14FF-H5(Plastic retainer)

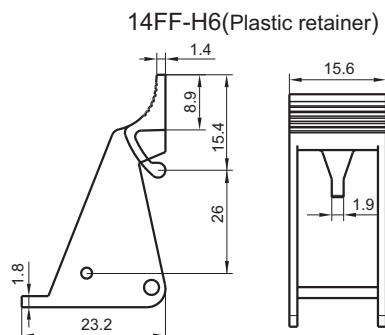


Remark: Applicable for HF141FF.

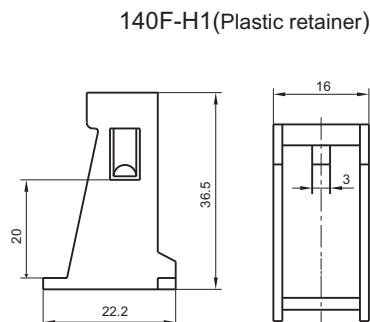
DIMENSION OF RELATED COMPONENT (AVAILABLE)

Unit: mm

Retainer

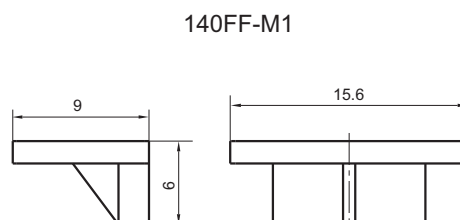
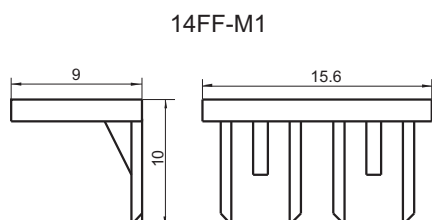


Remark: Applicable for HF115FP, HF14FF, HF14FW, HF140FF.

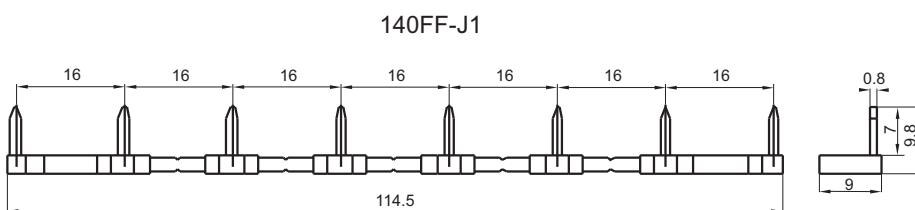
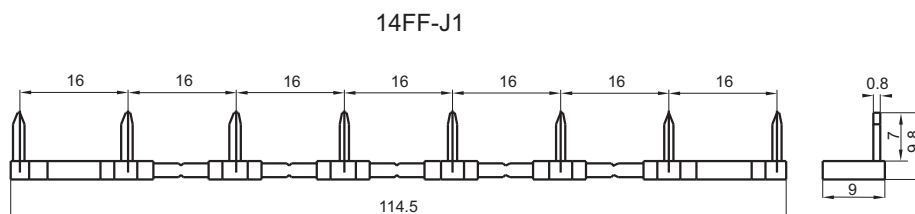


Remark: Applicable for HF14FW, HF140FF.

Marker



Jumper



Things to be noticed when selecting sockets:

1. Please choose suitable relay socket according to the actual mounting environment, relay contact poles and terminal layout. If there is any query on selection, please contact Hongfa for the technical service.
2. Socket which can be mounted with markers is furnished with a marker; as for other related components, they should be selected separately. Please do give clear indication of the types of relay sockets and related components you choose while placing order.

Disclaimer

This datasheet is for the customers' reference. All the specifications are subject to change without notice.

We could not evaluate all the performance and all the parameters for every possible application. Thus the user should be in a right position to choose the suitable product for their own application. If there is any query, please contact Hongfa for the technical service. However, it is the user's responsibility to determine which product should be used only.

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