

# 10FF Sockets

# RELAY SOCKETS

CE

CULUS

File No.: E253370



### Features


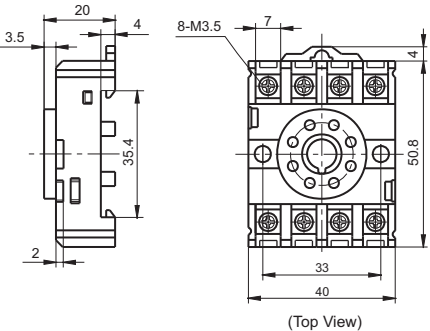
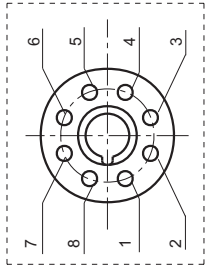
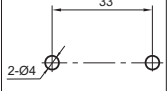

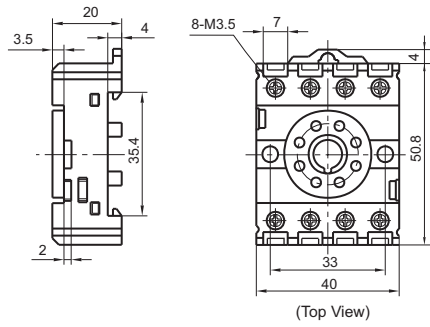
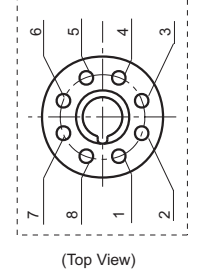
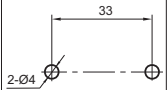
- The dielectric strength can reach 2000VAC and the insulation resistance is 1000MΩ
- Two mounting types are available: screw mounting and DIN rail mounting.
- With finger protection device are available
- Many kinds of plug-in modules are available with the function of energizing indication and wiring protection.
- Components available: metallic retainer, plug-in modules
- Applicable relay types: HF10FF/HF10FH
- Environmental friendly product (RoHS compliant)

### CHARACTERISTICS

Type	Nominal Voltage	Nominal Current	Ambient Temperature	Dielectric Strength min.	Screw Torque	Wire Strip Length
10FF-2Z-C1	250VAC	10A	-40 °C to 70 °C	2000VAC	1.0N · m	7mm
10FF-2Z-C2	250VAC	10A	-40 °C to 70 °C	2000VAC	1.0N · m	7mm
10FF-2Z-C3	250VAC	10A	-40 °C to 70 °C	2000VAC	0.6N · m	7mm
10FF-2Z-C4	250VAC	10A	-40 °C to 70 °C	2000VAC	0.6N · m	7mm
10FF-3Z-C1	250VAC	10A	-40 °C to 70 °C	2000VAC	1.0N · m	7mm
10FF-3Z-C2	250VAC	10A	-40 °C to 70 °C	2000VAC	1.0N · m	7mm
10FF-3Z-C3	250VAC	10A	-40 °C to 70 °C	2000VAC	0.6N · m	7mm
10FF-3Z-C4	250VAC	10A	-40 °C to 70 °C	2000VAC	0.6N · m	7mm

### OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

Unit: mm

Socket	Outline Dimensions	Wiring Diagram	PCB Layout	Components Available
<p>10FF-2Z-C1</p>  <p>Screw terminal DIN rail or Screw mounting Without finger protection device Applicable for 2 poles</p>	 <p>(Top View)</p>	 <p>(Top View)</p>		
<p>10FF-2Z-C2</p>  <p>Screw terminal DIN rail or Screw mounting With finger protection device Applicable for 2 poles</p>	 <p>(Top View)</p>	 <p>(Top View)</p>		




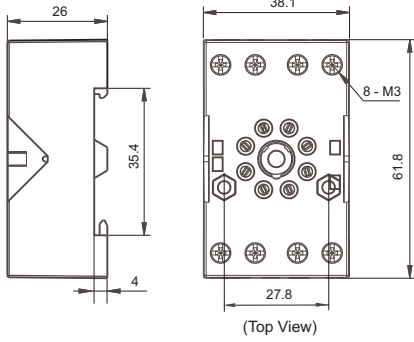
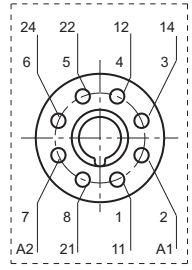
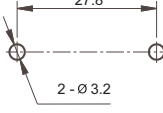

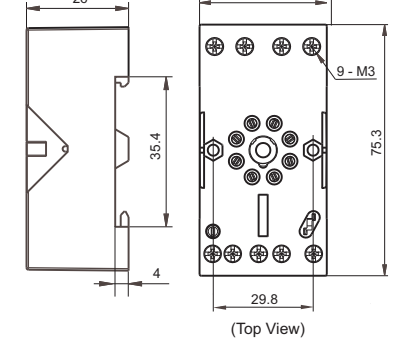
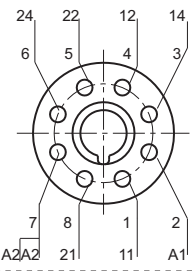
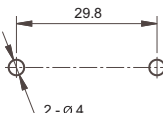

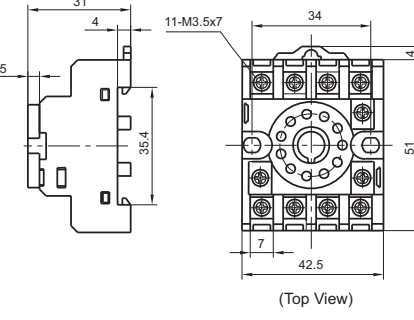
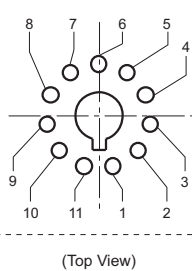
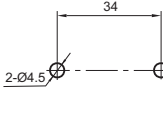

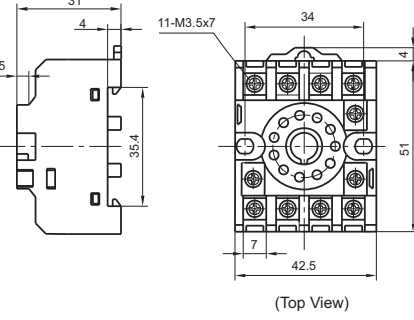
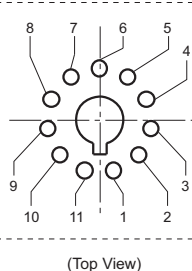
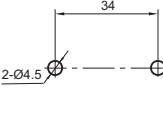
HONGFA RELAY

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

2012 Rev. 1.01


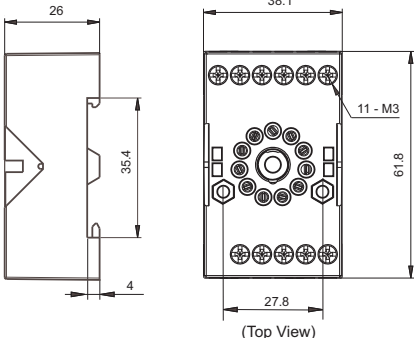
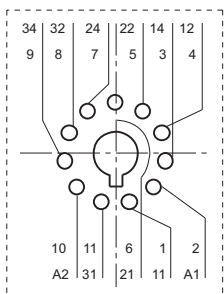
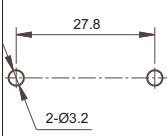

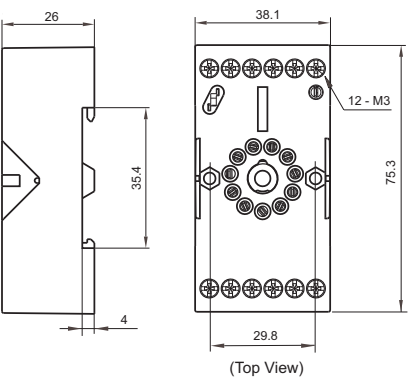
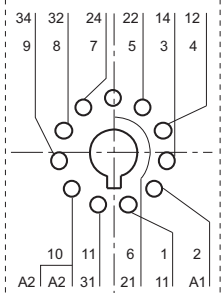
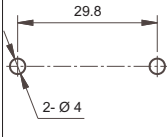
# OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

Unit: mm

Socket	Outline Dimensions	Wiring Diagram	PCB Layout	Components Available
<p><b>10FF-2Z-C3</b></p>  <p>Screw terminal DIN rail or Screw mounting With finger protection device Applicable for 2 poles</p>	 <p>(Top View)</p>	 <p>(Top View)</p>		<p>metallic retainer 10FF-H1</p>
<p><b>10FF-2Z-C4</b></p>  <p>Screw terminal DIN rail or Screw mounting With finger protection device Applicable for 2 poles</p>	 <p>(Top View)</p>	 <p>(Top View)</p>		<p>metallic retainer 10FF-H1 plug-in module HFFAA to HFFHU*</p>
<p><b>10FF-3Z-C1</b></p>  <p>Screw terminal DIN rail or Screw mounting Without finger protection device Applicable for 3 poles</p>	 <p>(Top View)</p>	 <p>(Top View)</p>		
<p><b>10FF-3Z-C2</b></p>  <p>Screw terminal DIN rail or Screw mounting With finger protection device Applicable for 3 poles</p>	 <p>(Top View)</p>	 <p>(Top View)</p>		

## OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

Unit: mm

Socket	Outline Dimensions	Wiring Diagram	PCB Layout	Components Available
<p><b>10FF-3Z-C3</b></p>  <p>Screw terminal DIN rail or Screw mounting With finger protection device Applicable for 3 poles</p>	 <p>(Top View)</p>	 <p>(Top View)</p>		<p>metallic retainer 10FF-H1</p>
<p><b>10FF-3Z-C4</b></p>  <p>Screw terminal DIN rail or Screw mounting With finger protection device Applicable for 3 poles</p>	 <p>(Top View)</p>	 <p>(Top View)</p>		<p>metallic retainer 10FF-H1</p> <p>plug-in module HFFAA to HFFHU*</p>

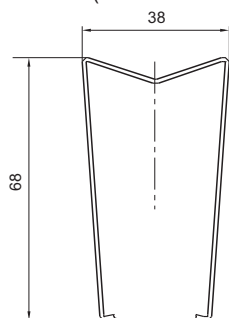
Notes: \* Please refer to the product datasheet if plug-in module is required.

## DIMENSION OF RELATED COMPONENT (AVAILABLE)

Unit: mm

### Retainer

10FF-H1(metallic retainer)



### 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. As for 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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