

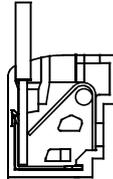
# 157F Series

# Push-In Relay Socket



## ORDERING INFORMATION

	157F	-2Z	-C10
Type			
Contact arrangement	2Z: 2 Form C		
Termination & mounting	C10: Push-in type C10/P: With button push-in type		



File No.:E253370

## CHARACTERISTICS

Type	Nominal Voltage	Nominal current	Ambient Temperature	Dielectric Strength	Screw torque	Wire stripping length	Unit weight Approx.	Min. package qty.	IP
157F-2Z-C10	300VAC/DC	10A	-40°C-70°C	5000 Vrms	—	10mm	Approx.36g	10	IP 20
157F-2Z-C10/P	300VAC/DC	10A	-40°C-70°C	5000 Vrms	—	10mm	Approx.37g	10	IP 20

## OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

Unit: mm

Socket (If you need accessories, please order separately)	Outline Dimensions	Wiring Diagram / PCB Layout	Accessory Available
			Metallic retainer: 157F-H2 Marker: 14FF-M1 Module: HFAA~HFHU
			Metallic retainer: 157F-H2 Marker: 14FF-M1 Module: HFAA~HFHU

Notes: \*If need accessory, please order with type.



HONGFA RELAY

ISO9001, IATF16949, ISO14001, ISO45001, IECQ QC 080000, ISO/IEC 27001 CERTIFIED

2024 Rev. 1.00

## DIMENSION OF RELATED ACCESSORY (AVAILABLE)

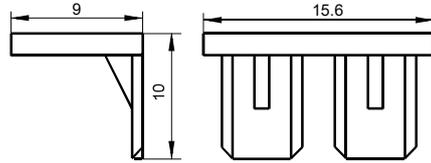
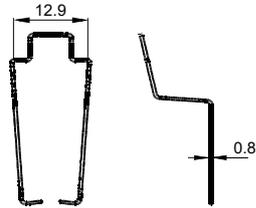
Unit: mm

Retainer

Marker

157F-H2(metallic retainer)

14FF-M1



Notes: Suitable for HF157F series products without buttons

## SELECTION OF PARTS

Type of Relay	Mounting termination	Socket	Retainer	Marker	Module
HF157F/□□□-1Z2□□□1	With button	157F-1Z-C2	157F-H1	14FF-M1	-
HF157F/□□□-1Z2□□□2	Without button	157F-1Z-C2	157F-H1	14FF-M1	
			157F-H2	-	
HF157F/□□□-2Z2□□□1	With button	157F-2Z-C1	157F-H1	14FF-M1	
		157F-2Z-C2	157F-H1	14FF-M1	
		157F-2Z-A1	-	-	
		157F-2Z-C10	-	14FF-M1	HFAA ~ HFHU
		157F-2Z-C10/P	-	14FF-M1	HFAA ~ HFHU
HF157F/□□□-2Z2□□□2	Without button	157F-2Z-C1	157F-H1	14FF-M1	
		157F-2Z-C2	157F-H1	14FF-M1	
		157F-2Z-A1	-	-	
		157F-2Z-C10	-	14FF-M1	HFAA ~ HFHU
		157F-2Z-C10/P	-	14FF-M1	HFAA ~ HFHU

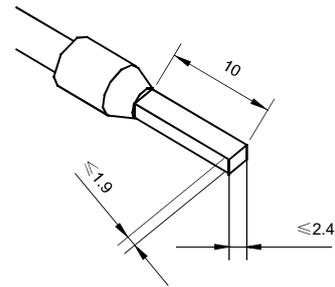
## Precautions For Use

For your personal safety and the normal operation of the equipment, as well as to prevent fire, please note the following issues:

1. The rated current of the socket should be no less than the rated current of the relay.
2. Sockets are required to be firmly fixed to prevent the wiring from loosening and affecting the quality of wiring.
3. Be sure to disconnect power to the outlet before installation, disassembly, wiring, maintenance and inspection.
4. Prevent foreign objects such as wire shavings from falling inside this product when wiring.
5. Be sure to install the relay in place, and use accessories such as retainer if necessary to improve contact reliability. Do not use with incomplete connections.
6. Be sure to observe the relay ratings and do not overload the relay.
7. Before selecting a relay, make sure that the drive voltage matches the relay excitation voltage.

### Applicable conductor cross section

solid wire	1×0.5/0.75/1.0/1.5/2.5 mm <sup>2</sup>	
	2×0.5/0.75/1.0/1.5 mm <sup>2</sup>	
Multi-stranded wire	Multi-stranded wire without standard sleeve	1×0.5/0.75/1.0/1.5/2.5 mm <sup>2</sup>
		2×0.5/0.75/1.0/1.5 mm <sup>2</sup>
	Multi-stranded wire with standard sleeve	1×0.5/0.75/1.0/1.5 mm <sup>2</sup>
		2×0.5/0.75/1.0 mm <sup>2</sup>

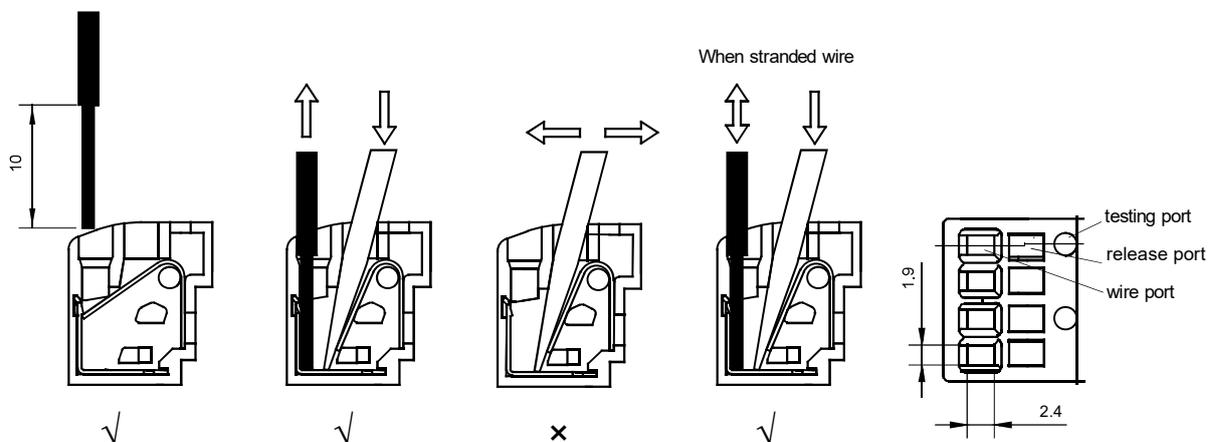


### Regarding push in socket

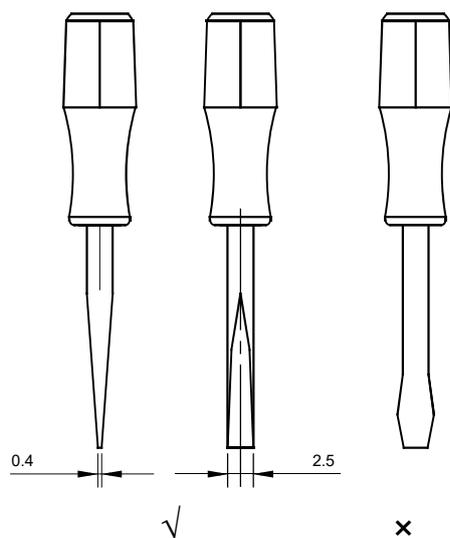
- The screwdriver insertion hole must not be wired.
- When inserting the screwdriver into the hole, please insert it at an angle.
- Do not twist or wiggle the screwdriver when it is in the hole, as this may cause damage the socket.
- Do not forcibly bend or pull on the wire. Otherwise it may result broken wire.
- Do not insert more than one wires into one wiring hole.
- To prevent smoke and fire from the wiring material, check the power supply rating and that the wire sleeves used are in accordance with DIN 46228-4.

The conductors used comply with GB/T 5023.3-2008 (IEC 60227-3) standard.

Recommended Wires	Film peel (when bar terminals are not used)
0.5~2.5mm <sup>2</sup> /AWG20~14	≥10mm



## Precautions For Use



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. Relevant accessories must be selected separately. Please indicate the model of the selected accessories when ordering;
3. Main outline dimension, outline dimension  $> 50\text{mm}$ , tolerance should be  $\pm 1\text{mm}$ ;  $20\text{mm} < \text{outline dimension} \leq 50\text{mm}$ , tolerance should be  $\pm 0.5\text{mm}$ ;  $5\text{mm} < \text{outline dimension} \leq 20\text{mm}$ , tolerance should be  $\pm 0.4\text{mm}$ ;  $\text{outline dimension} \leq 5\text{mm}$ , tolerance should be  $\pm 0.3\text{mm}$ ;
4. DIN rail mounting: recommend to use standard rail  $35 \times 7.5 \times 1\text{mm}$ ,  $35 \times 15 \times 1\text{mm}$ . When installed vertically, the coil terminal at the bottom please .

## Disclaimer

The specification is for reference only. See to "Terminology and Guidelines" for more information. Specifications 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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