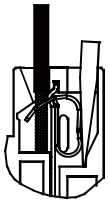
18FF Series Cage Spring Relay Socket



ORDERING INFORMATION

	18FF	-2Z	-C9
Type			
Contact arrangement	**2Z:** 2 Form C **4Z:** 4 Form C		
Termination & mounting	**C9:** Cage spring terminal		



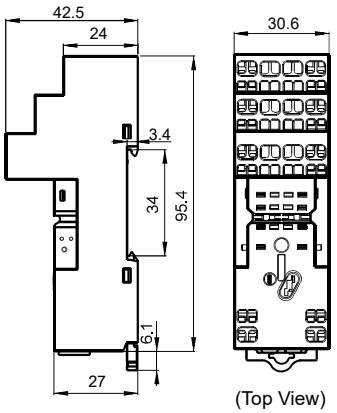
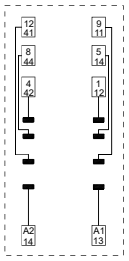
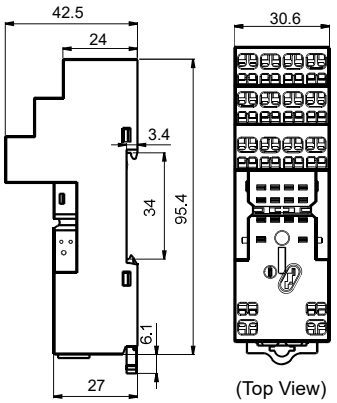
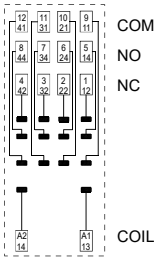
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CHARACTERISTICS

Type	Nominal Voltage	Nominal Current	Ambient Temperature	Dielectric Strength min.	Screw Torque	Wire Strip Length	Unit weight	Min. package qty.	IP
18FF-2Z-C9	250VAC/DC	7A	-40℃ to 70℃	2000 Vrms	—	9mm	Approx.70g	10	IP 20
18FF-4Z-C9	250VAC/DC	7A*	-40℃ to 70℃	2000 Vrms	—	9mm	Approx.81g	10	IP 20

Note: The total current of "*" sockets shall not exceed 20A.

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

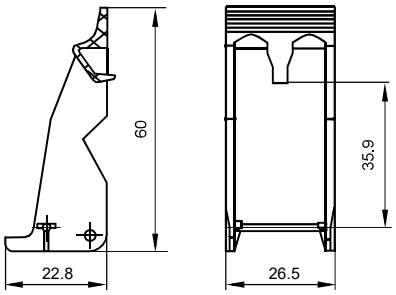
Socket (If need accesscry,please order with type.)	Outline Dimensions	PCB Layout	Accessory Available
18FF-2Z-C9  Spring-loaded terminal, DIN rail mounting, With finger protection device Applicable for 2 poles	 (Top View)	 (Top View)	Plastic retainer: 18FF-H4 Metallic retainer: 18FF-H5 Marker: 18FF-M3 Plug-in module: HFAA~HFHU*
18FF-4Z-C9  Spring-loaded terminal, DIN rail mounting, With finger protection device Applicable for 4 poles	 (Top View)	 (Top View)	Plastic retainer: 18FF-H4 Metallic retainer: 18FF-H5 Marker: 18FF-M3 Plug-in module: HFAA~HFHU*

DIMENSION OF RELATED ACCESSORY (AVAILABLE)

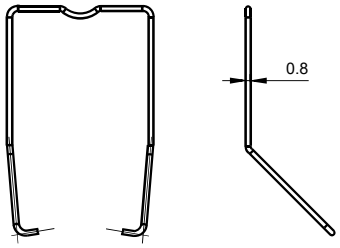
Unit: mm

Retainer

18FF-H4 (Plastic retainer)

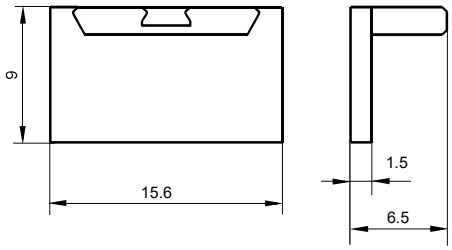


18FF-H5 (Metallic retainer)



Marker

18FF-M3



SELECTION OF PARTS

Type of Relay	Mounting termination	Socket	Retainer	Marker	Module
HF18FF/□□-2Z1 □□□	without button	18FF-2Z-A2	18FF-H1	—	—
		18FF-2Z-C1	18FF-H2/H3		
		18FF-2Z-C2			
		18FZ-2Z-C2			
		18FF-2Z-C4	18FF-H4/H5	18FF-M1	HFAA~HFHU
		18FF-2Z-C5			
		18FF-2Z-C8		18FF-M3	
		18FF-2Z-C9			
		18FF-2Z-C10		18FF-M1	
HF18FF/□□-3Z1 □□□		18FF-3Z-C4			
		18FF-3Z-C5			

SELECTION OF PARTS

Type of Relay	Mounting termination	Socket	Retainer	Marker	Module
HF18FF/□□-4Z1□□□	without button	18FF-4Z-A2	18FF-H1	—	—
		18FF-4Z-C1	18FF-H2		
		18FF-4Z-C2			
		18FZ-4Z-C2			
		18FF-4Z-C4	18FF-H4/H5	18FF-M1	HFAA~HFHU
		18FF-4Z-C5			
		18FF-4Z-C8		18FF-M3	
		18FF-4Z-C9			
		18FF-4Z-C10		18FF-M1	
HF18FH/□□-2Z1□□□	with button	18FF-2Z-C1	18FF-H3	-	—
		18FF-2Z-C2			
		18FZ-2Z-C2			
		18FF-2Z-C4	18FF-H4/H5	18FF-M1	HFAA~HFHU
		18FF-2Z-C5			
		18FF-2Z-C8		18FF-M3	
		18FF-2Z-C9			
		18FF-2Z-C10		18FF-M1	
HF18FH/□□-3Z1□□□		18FF-3Z-C4			
		18FF-3Z-C5			
HF18FH/□□-4Z1□□□		18FF-4Z-C4		18FF-M1	
		18FF-4Z-C5			
		18FF-4Z-C8		18FF-M3	
		18FF-4Z-C9			
		18FF-4Z-C10		18FF-M1	
HF18FF-G/□□-2Z1□□□	without button	18FF-2Z-C1(734)	18FF-H2/H3	-	-
		18FF-2Z-C2(734)			
		18FF-2Z-C4(734)	18FF-H4/H5	18FF-M1	HFAA~HFHU
		18FF-2Z-C5(734)			
HF18FF-G/□□-3Z1□□□		18FF-3Z-C5(734)			
HF18FH-G/□□-2Z1□□□	with button	18FF-2Z-C1(734)	18FF-H3	-	-
		18FF-2Z-C2(734)			
		18FF-2Z-C4(734)	18FF-H4/H5	18FF-M1	HFAA~HFHU
		18FF-2Z-C5(734)			
HF18FH-G/□□-3Z1□□□		18FF-3Z-C5(734)			
HF18FZ/□□-2Z□□□1/2□	without button	18FF-2Z-A2	18FF-H1	—	—
		18FF-2Z-C1	18FF-H2/H3		
		18FF-2Z-C2			
		18FZ-2Z-C2			
		18FF-2Z-C4	18FF-H4/H5	18FF-M1	HFAA~HFHU
		18FF-2Z-C5			
		18FF-2Z-C8		18FF-M3	
		18FF-2Z-C9			
		18FF-2Z-C10		18FF-M1	

SELECTION OF PARTS

Type of Relay	Mounting termination	Socket	Retainer	Marker	Module
HF18FZ/□□-4Z□□□1/2□	without button	18FF-4Z-A2	18FF-H1	—	—
		18FF-4Z-C1	18FF-H2		
		18FF-4Z-C2			
		18FZ-4Z-C2			
		18FF-4Z-C4	18FF-H4/H5	18FF-M1	HFAA~HFHU
		18FF-4Z-C5			
		18FF-4Z-C8		18FF-M3	
		18FF-4Z-C9			
		18FF-4Z-C10		18FF-M1	
HF18FZ/□□-2Z□□□3□	with button	18FF-2Z-C1	18FZ-H1	—	—
		18FF-2Z-C2			
		18FZ-2Z-C2			
		18FF-2Z-C4	18FF-H4	18FF-M1	HFAA~HFHU
		18FF-2Z-C5			
		18FF-2Z-C8		18FF-M3	
		18FF-2Z-C9			
		18FF-2Z-C10		18FF-M1	
HF18FZ/□□-4Z□□□3□		18FF-4Z-C1	18FZ-H1	—	—
		18FF-4Z-C2			
		18FZ-4Z-C2			
		18FF-4Z-C4	18FF-H4	18FF-M1	HFAA~HFHU
		18FF-4Z-C5			
		18FF-4Z-C8		18FF-M3	
		18FF-4Z-C9			
		18FF-4Z-C10		18FF-M1	

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.

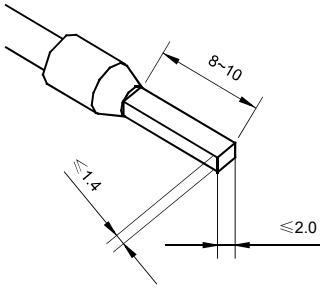
6.Be sure to observe the relay ratings and do not overload the relay.

7.Before selecting a relay, make sure that the drive voltage matches the relay excitation voltage.

18FF-2Z/4Z-C9

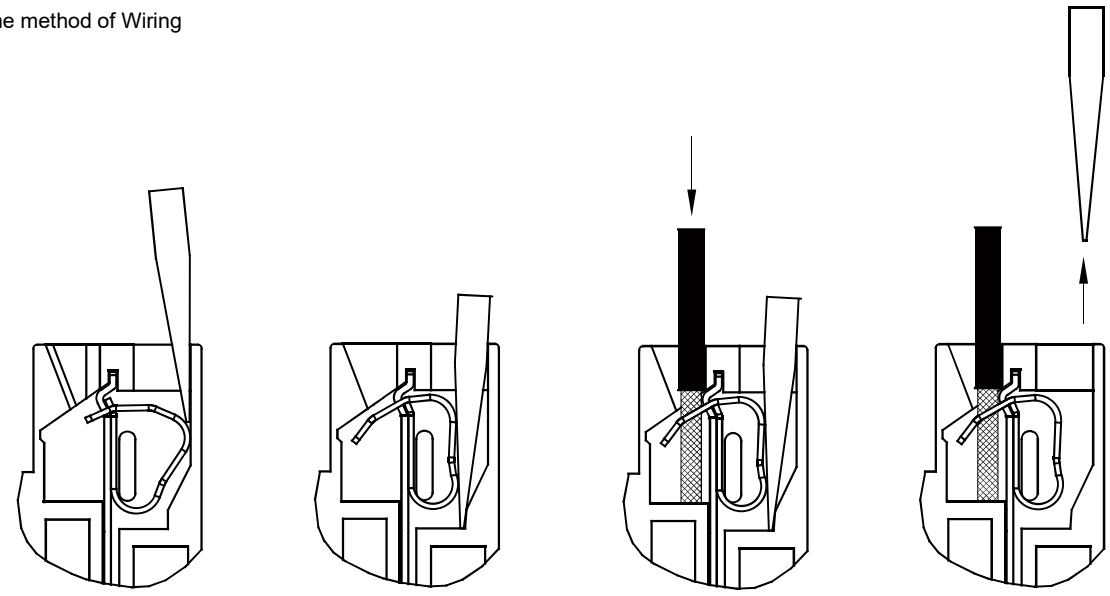
Applicable conductor cross section

Single strand conductor	2×0.5/0.75/1.0/1.5 mm^2	
Multi strand conductor	Multi-stranded wire without standard sleeve	2×0.5/0.75/1.0/1.5 mm^2
	Multi-stranded wire with standard sleeve	2×0.2/0.5/0.75 mm^2

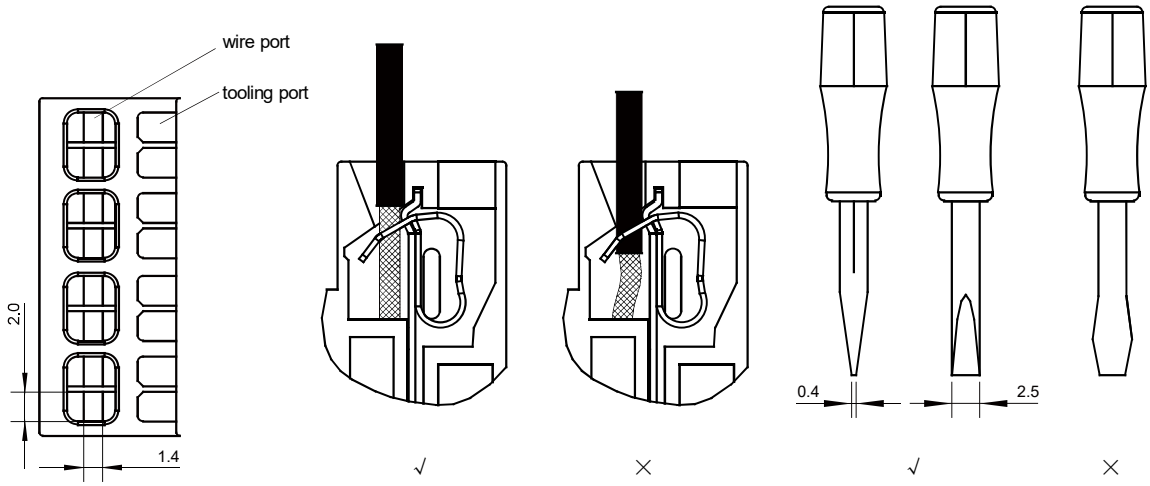


Precautions For Use

• The method of Wiring



• 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＞50mm，olerance should be ±1mm;20mm＜outline dimension ≤50mm,tolerance should be ±0.5mm;5mm＜outline dimension≤20mm, tolerance should be ±0.4mm,outline dimension≤5mm,tolerance should be ±0.3mm;
4. DIN rail mounting: recommend to use standard rail 35×7.5×1mm, 35×15×1mm;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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