

# AS14FC PCB Relay



AS14FC



## Specifications

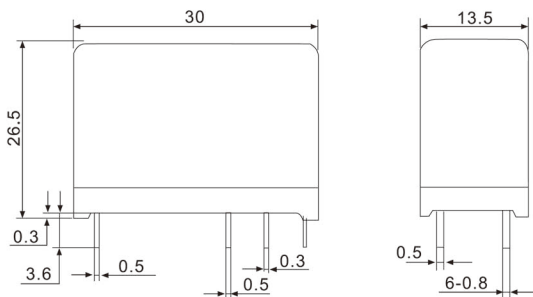
Contact	Contact Form	1Z	2Z
	Rated Load (Resistive property)	10A 250VAC/30VDC	5A 250VAC/30VDC
		16A 250VAC/30VDC	
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
Characteristics	Contact Material	AgSnO <sub>2</sub>	
	Insulation Resistance	≥1000MΩ (500VDC)	
		Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
	Between contact and coil≥4000VAC/1min		
Operate/Release Time	≤15ms/5ms		
Terminal Type	PCB		
Coil	Operating PowerDC/AC	0.55W/0.8VA	

## AC Coil Data

Rated Voltage VAC	Pickup Voltage VAC	Dropoff Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	16
12	9.6	3.6	63
24	19.2	4.2	240
48	38.4	14.4	1085
110	88	33	5500
220/240	184	69	24000

## Dimensions (mm)

AS14FC



## Features

- ◆ low coil operating power 0.55W/0.8VA
- ◆ creepage distance: 8mm
- ◆ 4kV dielectric strength (between coil and contacts)

## Ordering Information

### Mount Type

P: PCB

### Options

N/A

### Contact Form

1Z(Z:A H:A D:B)  
2Z(Z:A H:A D:B)

### Voltage Type

D:DC A:AC

### Coil Voltage

see coil data

### Contact Material

1: AgSnO<sub>2</sub>

Notes: We has now gradually updated our ordering information. We suggest new type should be selected. If necessary, old type can be kept for some period for the old customers.



1H

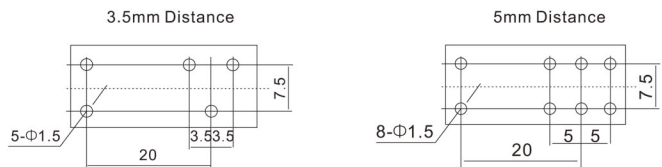
1Z

2Z

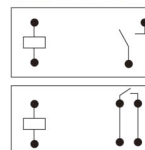
## DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
3	2.25	0.3	16
5	3.75	0.5	45
6	4.5	0.6	65
9	6.75	0.9	150
12	9.0	1.2	260
18	13.5	1.8	600
24	18.0	2.4	1080
48	36.0	4.8	4260
60	45.0	7.0	6500

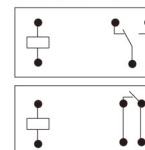
## Wiring Diagrams



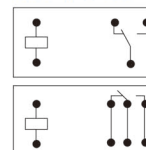
AS14FC 1H



AS14FC 1D



AS14FC 1Z



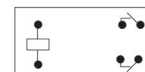
1pole 3.5mm distance 12A

1pole 5mm distance 16A

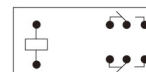
AS14FC 2H



AS14FC 2D



AS14FC 2Z



2 poles 5mm distance 8A