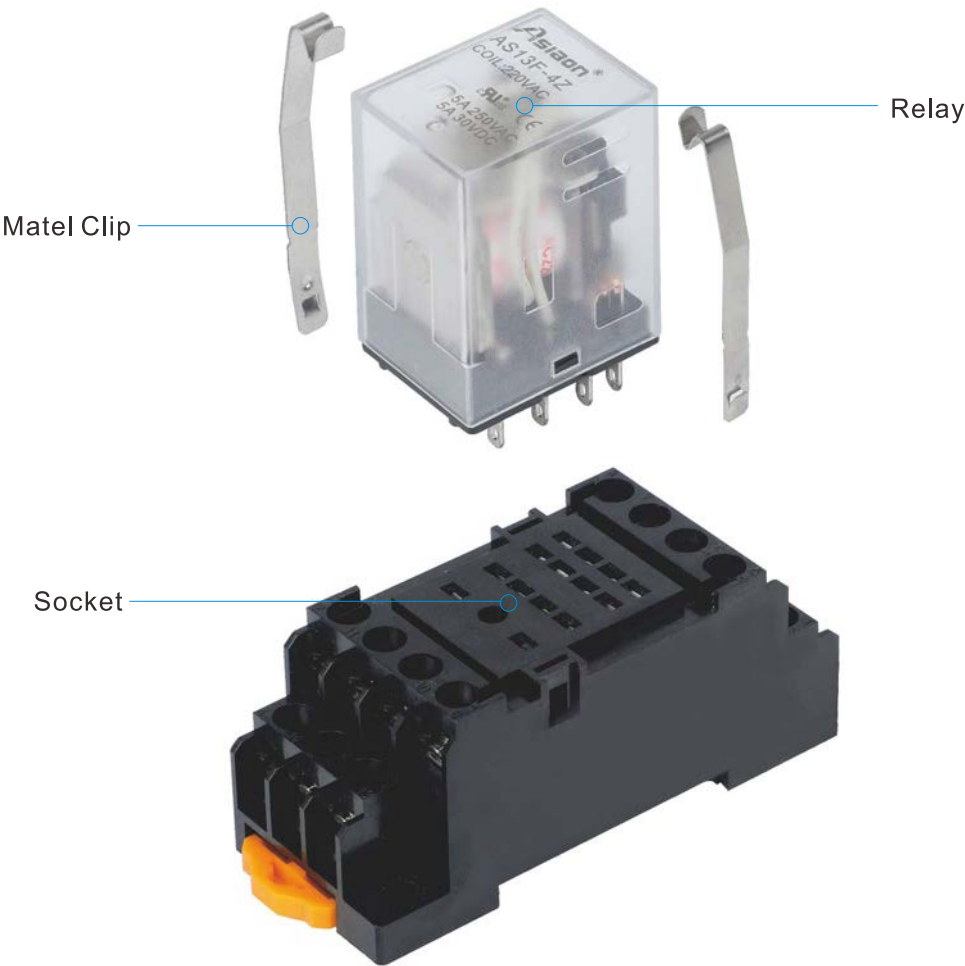




Sockets Selection Table

	PYF□□A	PYF□□A-E	PYP□□	PYF□□-E2	PYF□□-E3

Note: Other matched accessories please refer to the bottom page.



AS13F 2Z
(HH52P MY2)



AS13F 3Z
(HH53P MY3)



AS13F 4Z
(HH54P MY4)

Features

- ◆ small size
- ◆ rated current 5A
- ◆ good control response, low operating power

Ordering Information

Mount Options

N/A: plug in P: PCB
S: flange

Options

L: LED D: diode

Contact Form

2Z(Z:C H:A D:B)
3Z(Z:C H:A D:B)
4Z(Z:C H:A D:B)

Voltage Type

D: DC A: AC

Coil Voltage

see coil data

Contact Material

1: AgSnO₂ 2: AgNi

AS13F□-□□□□□



Specifications

Contact	Contact Form	2Z	3Z	4Z
	Rated Load	5A 250VAC/30VDC		
	Electrical/Mechanical Life	≥100000times/10000000times		
	Initial Contact Resistance	≤100mΩ （1A 6VDC）		
	Contact Material	AgSnO ₂ AgNi		
Characteristics	Insulation Resistance	≥500MO （500VDC）		
	Dielectric Strength	Between open contacts≥1000VAC/1min		
		Between poles≥1500VAC/1min		
		Between contact and coil≥1500VAC/1min		
	Operate/Release Time	≤25ms/25ms		
	Terminal Type	PCB /Plug in		
Coil	Operating PowerDC/AC	0.9W/1.2VA		

DC Coil Data

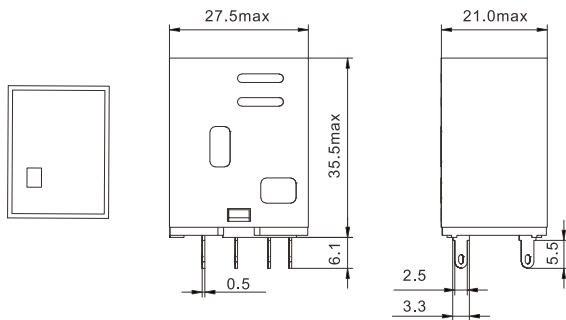
Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
5	4.0	0.5	28
6	4.8	0.6	40
12	9.6	1.2	160
24	19.2	2.4	650
48	38.4	4.8	2560
110	88.0	11.0	11000

AC Coil Data

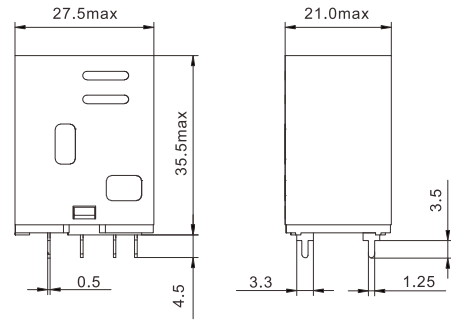
Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.80	10.5
12	9.6	3.60	46.5
24	19.2	7.20	192
48	38.4	14.4	783
110/120	88.0	33.0	4000
220/240	176.0	66.0	15000

Dimensions (mm)

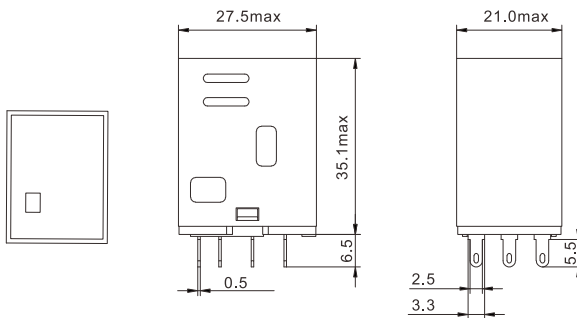
AS13F 2Z



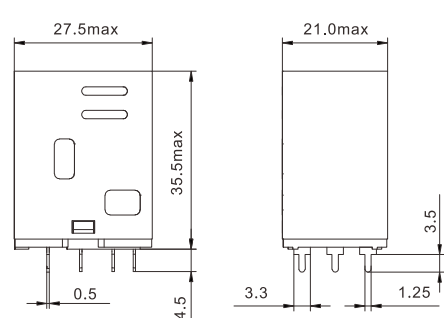
AS13FP 2Z (PCB Mount)



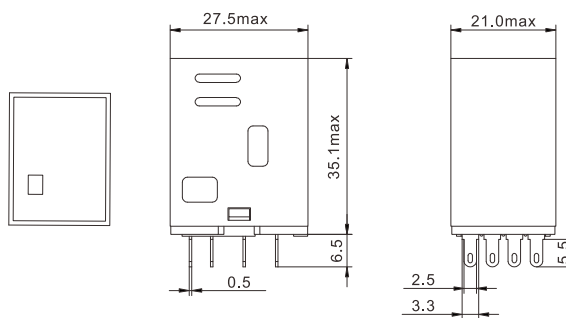
AS13F 3Z



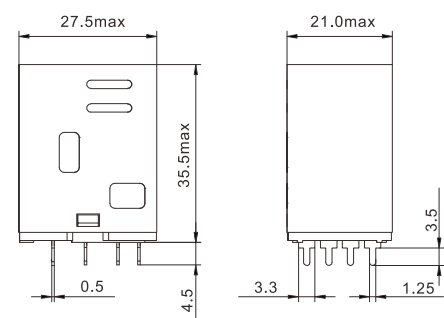
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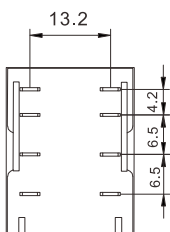
AS13F 4Z



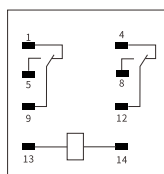
AS13FP 4Z (PCB Mount)



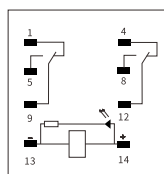
Wiring Diagrams



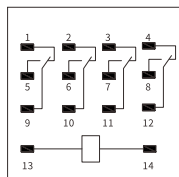
AS13F 2Z



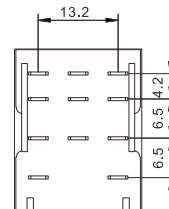
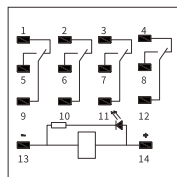
AS13F-L 2Z



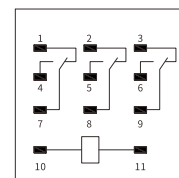
AS13F 4Z



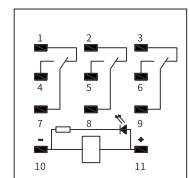
AS13F-L 4Z

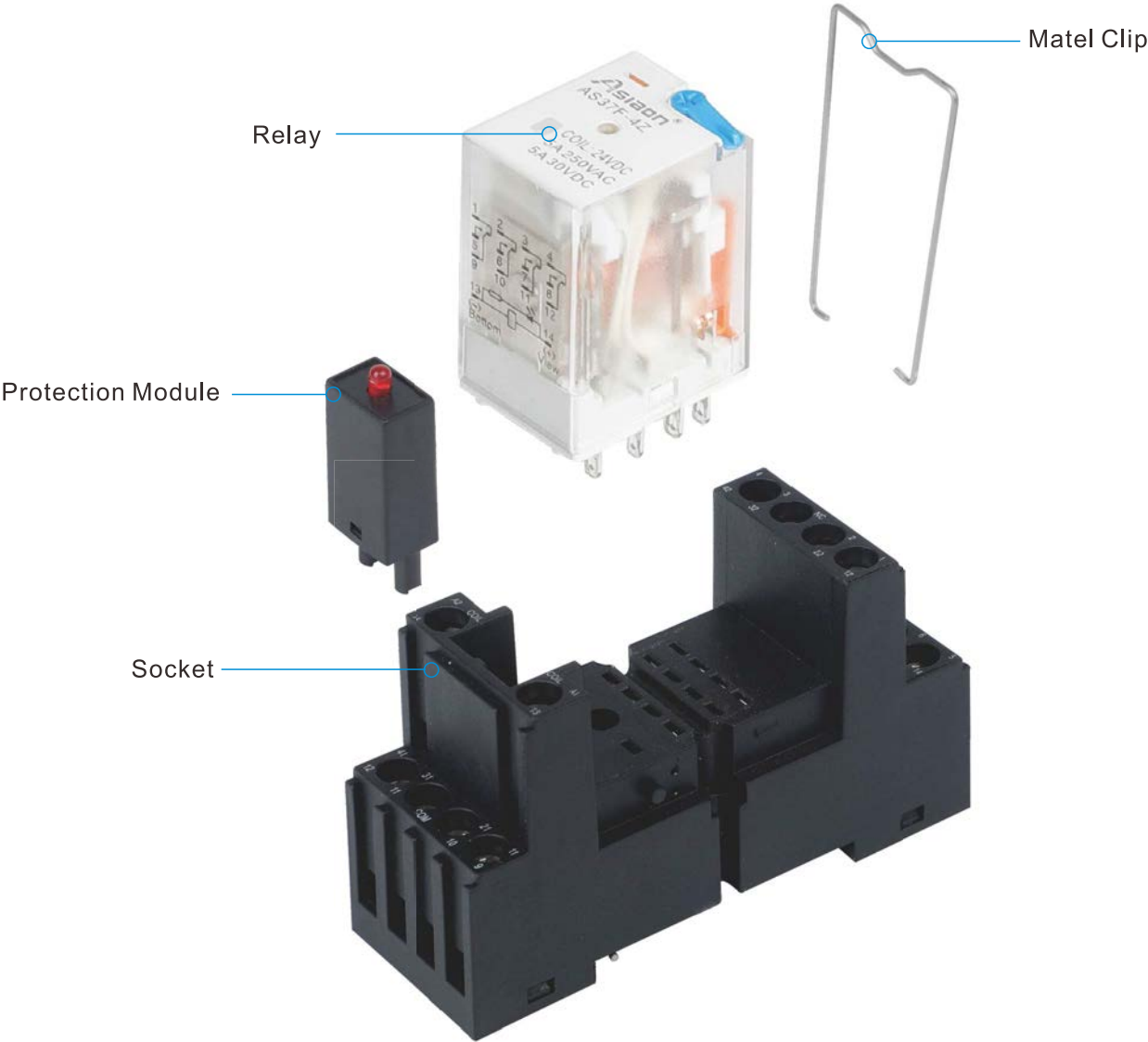


AS13F 3Z



AS13F-L 3Z





Sockets Selection Table

	PYF□□A	PYF□□A-E	PYF□□-E2	PYF□□-E3	PYP□□

Note: Other matched accessories please refer to the bottom page.



AS36F-LS 2Z
(36.02)



AS36F-LS 3Z
(36.03)



AS36F-LS 4Z
(36.04)

Features

- ◆ with LED indicator,
- ◆ with lockable test button and inspection window
- ◆ rated load 5A , AS36FT 2Z rated load 10A

Ordering Information

AS36F	□	-	□	□	□	□
Mount Options						
N/A: plug in P : PCB						
T:high rated load 10A(2Z only)						
Options						
L:LED D:diode						
S:lockable button						
Contact Form						
2Z(Z:C H:A D:B)						
3Z(Z:C H:A D:B)						
4Z(Z:C H:A D:B)						
Voltage Type						
D:DC A:AC						
Coil Voltage						
see coil data						
Contact Material						
1:AgSnO ₂ 2:AgNi						

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.



Specifications

Contact	Contact Form	2Z	3Z	4Z
	Rated Load	5A 、 10A 250VAC/30VDC	5A 250VAC/30VDC	
	Electrical/Mechanical Life	≥100000times/1000000times		
	Initial Contact Resistance	≤100MΩ （1A 6VDC）		
	Contact Material	AgSnO ₂ AgNi		
Characteristics	Insulation Resistance	≥500MΩ （500VDC）		
	Dielectric Strength	Between open contacts≥1000VAC/1min		
		Between poles≥1500VAC/1min		
		Between contact and coil ≥1500VAC/1min		
	Operate/Release Time	≤25ms/25ms		
Coil	Terminal Type	Plug in/PCB		
	Operating PowerDC/AC	0.9W/1.2VA		

DC Coil Data

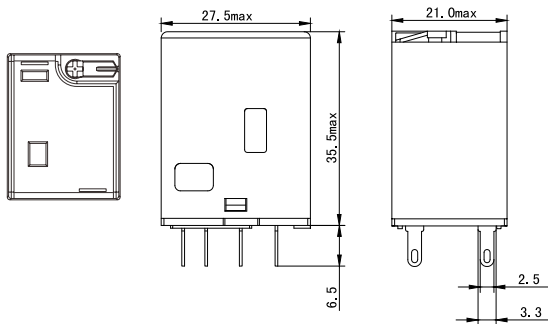
Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
5	4.0	0.5	28
6	4.8	0.6	40
12	9.6	1.2	160
24	19.2	2.4	650
48	38.4	4.8	2560
110	88.0	11.0	11000

AC Coil Data

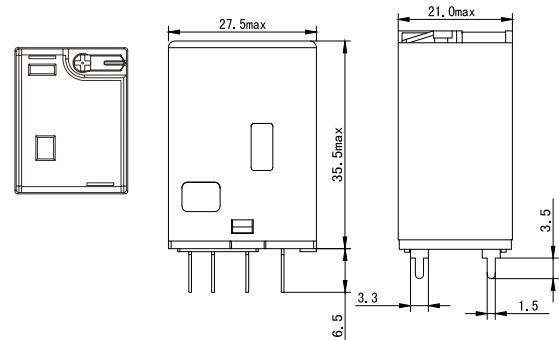
Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4. 80	1. 80	10. 5
12	9. 60	3. 60	46. 5
24	19. 2	7. 20	192
48	38. 4	14. 4	783
110/120	88. 0	33. 0	4000
220/240	176. 0	66. 0	15000

Dimensions (mm)

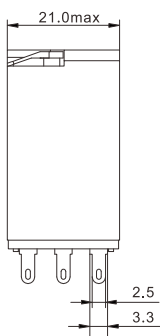
AS36F 2Z



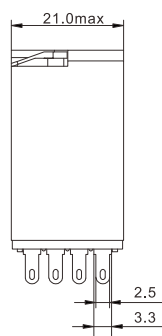
AS36FP 2Z (PCB Mount)



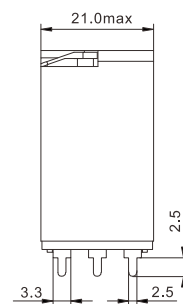
AS36F 3Z



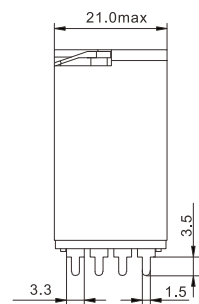
AS36F 4Z



AS36FP 3Z (PCB Mount)

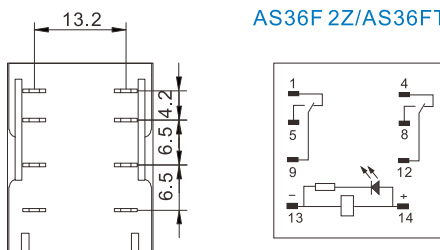


AS36FP 4Z (PCB Mount)

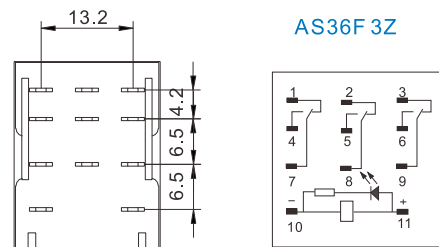


Wiring Diagrams

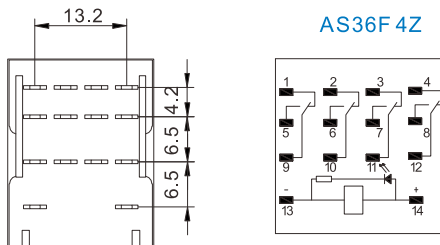
AS36F 2Z/AS36FT 2Z



AS36F 3Z



AS36F 4Z





Features

- ◆ with LED indicator,
- ◆ with lockable test button and inspection window
- ◆ rated load 5A ; AS37FT 2Z rated load 10A

Ordering Information

AS37F□ - □ □ □ □

Mount Options _____
N/A: plug in P: PCB
T:high rated load 10A(2Z only)

Options _____
L:LED D:diode
S:lockable button

Contact Form _____
2Z(Z:C H:A D:B)
3Z(Z:C H:A D:B)
4Z(Z:C H:A D:B)

Voltage Type _____
D:DC A:AC

Coil Voltage _____
see coil data

Contact Material _____
1:AgSnO₂ 2:AgNi



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.

Specifications

Contact	Contact Form	2Z	3Z	4Z
	Rated Load	5A 、 10A 250VAC/30VDC	5A 250VAC/30VDC	
	Electrical/Mechanical Life	≥100000times/1000000times		
	Initial Contact Resistance	≤100MΩ （1A 6VDC）		
	Contact Material	AgSnO ₂ AgNi		
Characteristics	Insulation Resistance	≥500MΩ （500VDC）		
	Dielectric Strength	Between open contacts≥1000VAC/1min		
		Between poles≥1500VAC/1min		
		Between contact and coil ≥1500VAC/1min		
	Operate/Release Time	≤25ms/25ms		
	Terminal Type	Plug in/PCB		
Coil	Operating PowerDC/AC	0.9W/1.2VA		

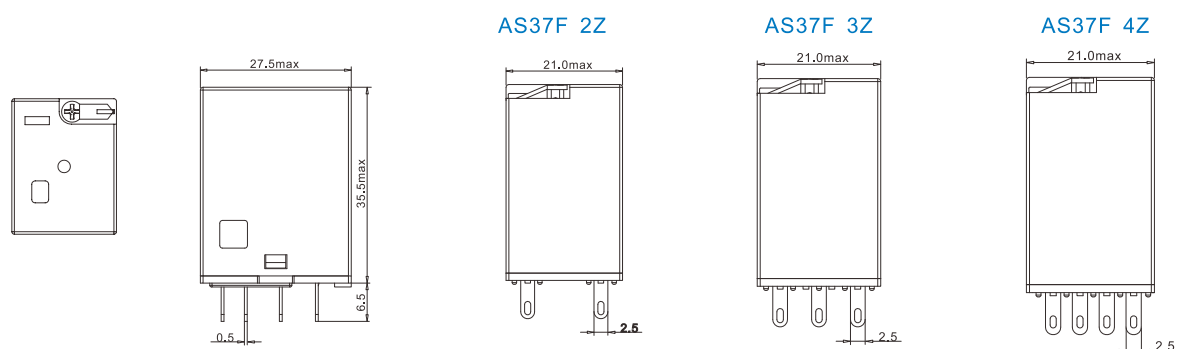
DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
5	4.0	0.5	28
6	4.8	0.6	40
12	9.6	1.2	160
24	19.2	2.4	650
48	38.4	4.8	2560
110	88.0	11.0	11000

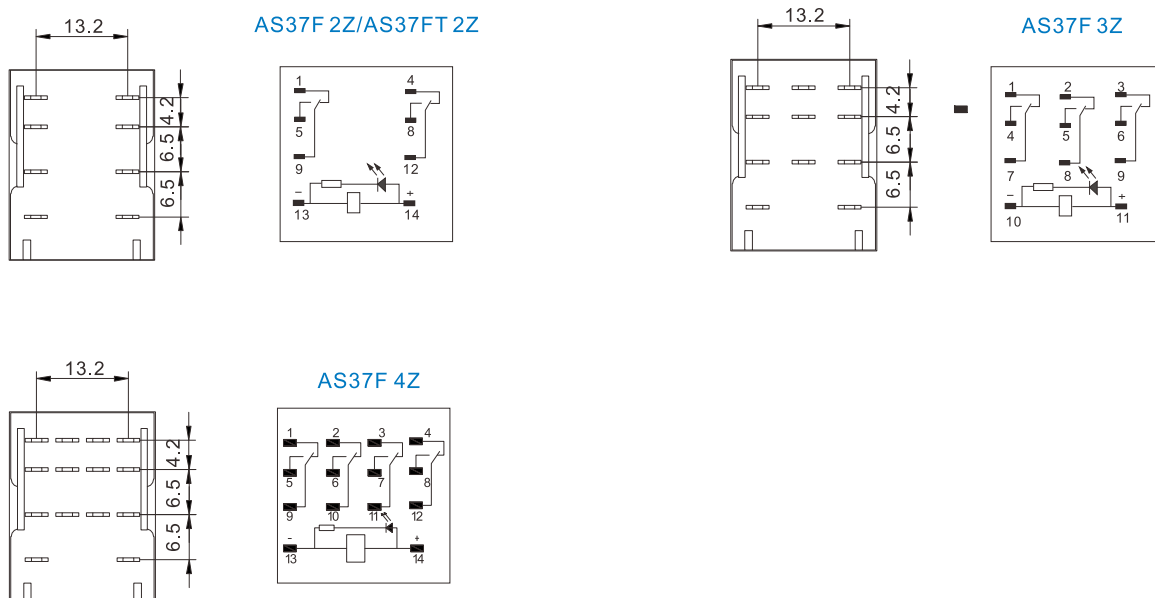
AC Coil Data

Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	10.5
12	9.6	3.6	46.5
24	19.2	7.2	192
48	38.4	14.4	783
110/120	88.0	33.0	4000
220/240	176.0	66.0	15000

Dimensions (mm)



Wiring Diagrams



PYF Series Sockets



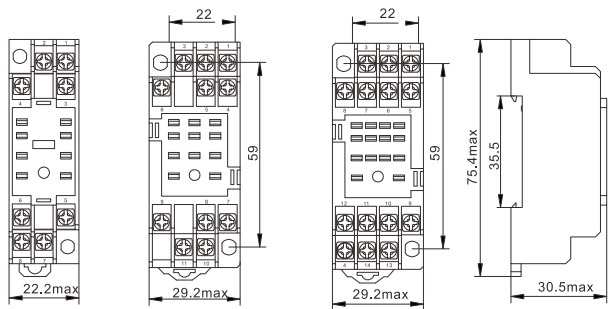
PYF □ □ A



Product Appearance



Dimensions (mm)



PYF08A PYF11A PYF14A

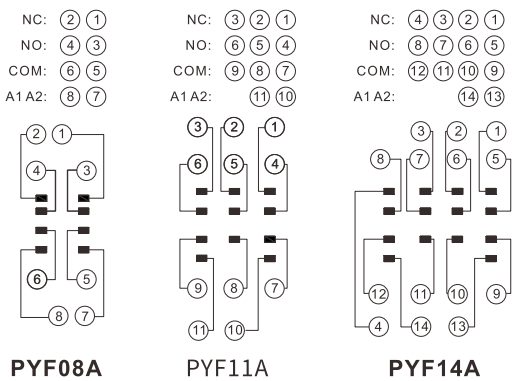
Specifications

Rated Load	Current/Voltage	A/VAC	7/300
Dielectric Strength	Coil & Contacts	V/S	2000
	Between contacts	V/S	2000
Wire Size	AWG/mm2	20-16/0.5-1.5	
Tightening Torque	Nm	0.7	

Matched accessories

Socket	Clip	Module	DIN Rail
PYF08A	K-35S	/	
PYF11A			
PYF14A			

Connection Diagrams



PYF08A PYF11A PYF14A

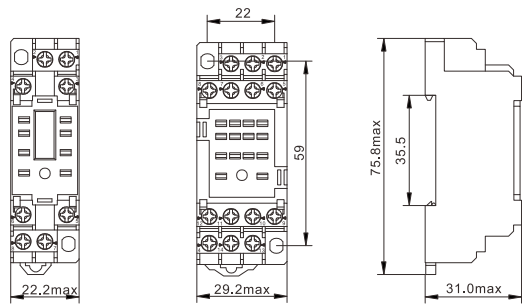
PYF □ □ A-E



Product Appearance



Dimensions (mm)



PYF08A-E PYF14A-E

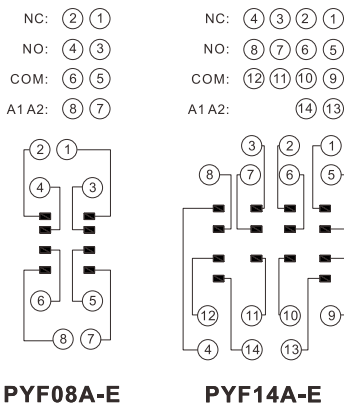
Specifications

Rated Load	Current/Voltage	A/VAC	7/300
Dielectric Strength	Coil & Contacts	V/S	2000
	Between contacts	V/S	2000
Wire Size	AWG/mm2	20-16/0.5-1.5	
Tightening Torque	Nn	0.7	
Terminal Ingress Protection		IP20	

Matched Accessories

Socket	Clip	Module	DIN Rail
PYF08A-E	K-35S	/	
PYF14A-E			

Connection Diagrams



PYF08A-E PYF14A-E

PYF□□-E2



Product Appearance



PYF□□-E2
(RT704-B)

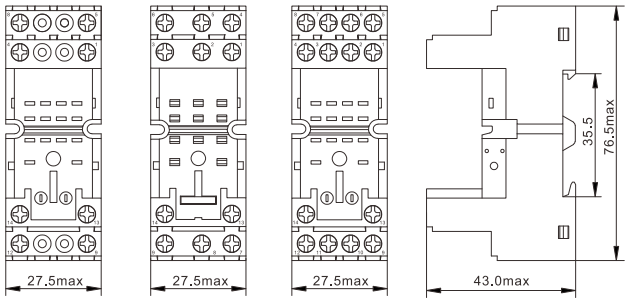
Specifications

Rated Load	Current/Voltage	A/VAC	10/300
Dielectric Strength	Coil & Contacts	V/S	4000
	Between contacts	V/S	2500
Wire Size	AWG/mm2	20-14/0.5-2.5	
Tightening Torque	Nm	0.8	
Terminal Ingress Protection		IP20	

Matched Accessories

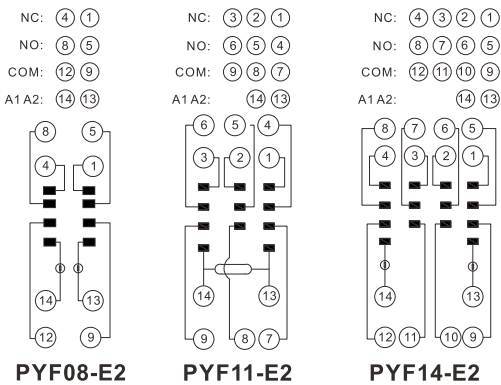
Socket	Clip	Module	DIN Rail
PYF08-E2	B-35 K-35	AMB	
PYF11-E2		AMA	
PYF14-E2		AMB	

Dimensions (mm)



PYF08-E2 PYF11-E2 PYF14-E2

Connection Diagrams



PYF□□-E3



Product Appearance



PYF□□-E3
(AS704-B)

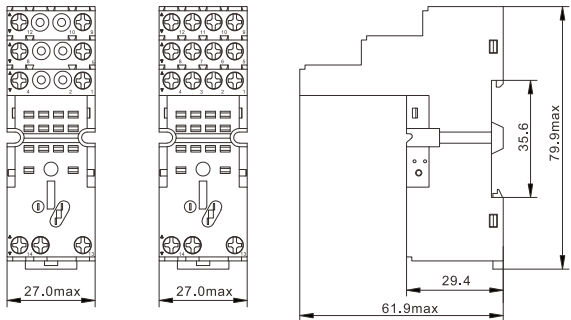
Specifications

Rated Load	Current/Voltage	A/VAC	10/300
Dielectric Strength	Coil & Contacts	V/S	4000
	Between contacts	V/S	2500
Wire Size	AWG/mm2	20-14/0.5-2.5	
Tightening Torque	Nm	0.8	
Terminal Ingress Protection		IP20	

Matched Accessories

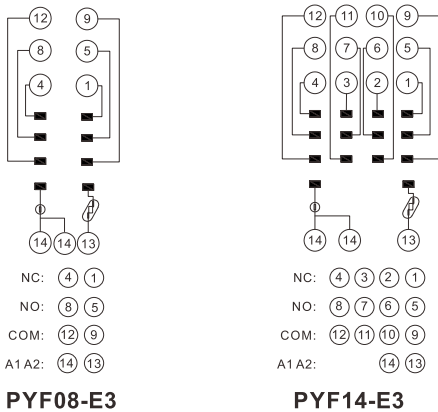
Socket	Clip	Module	DIN Rail
PYF08-E3	B-35 K-35	AMB	
PYF14-E3			

Dimensions (mm)



PYF08-E3 PYF14-E3

Connection Diagrams





Product Appearance



PYP□□
(PY-14A)

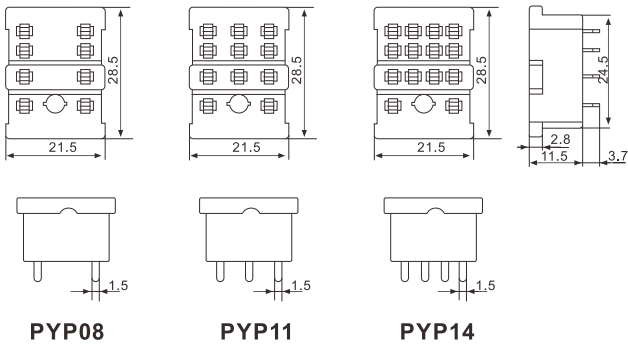
Specifications

Rated Load	Current/Voltage	A/VAC	10/300
Dielectric Strength	Coil & Contacts	V/S	4000
	Between contacts	V/S	2000
Wire Size	AWG/mm2	/	
Tightening Torque	Nm	/	
Terminal Ingress Protection		/	

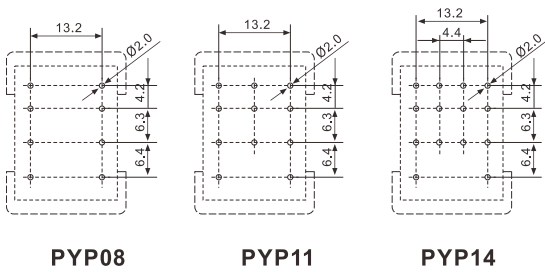
Matched Accessories

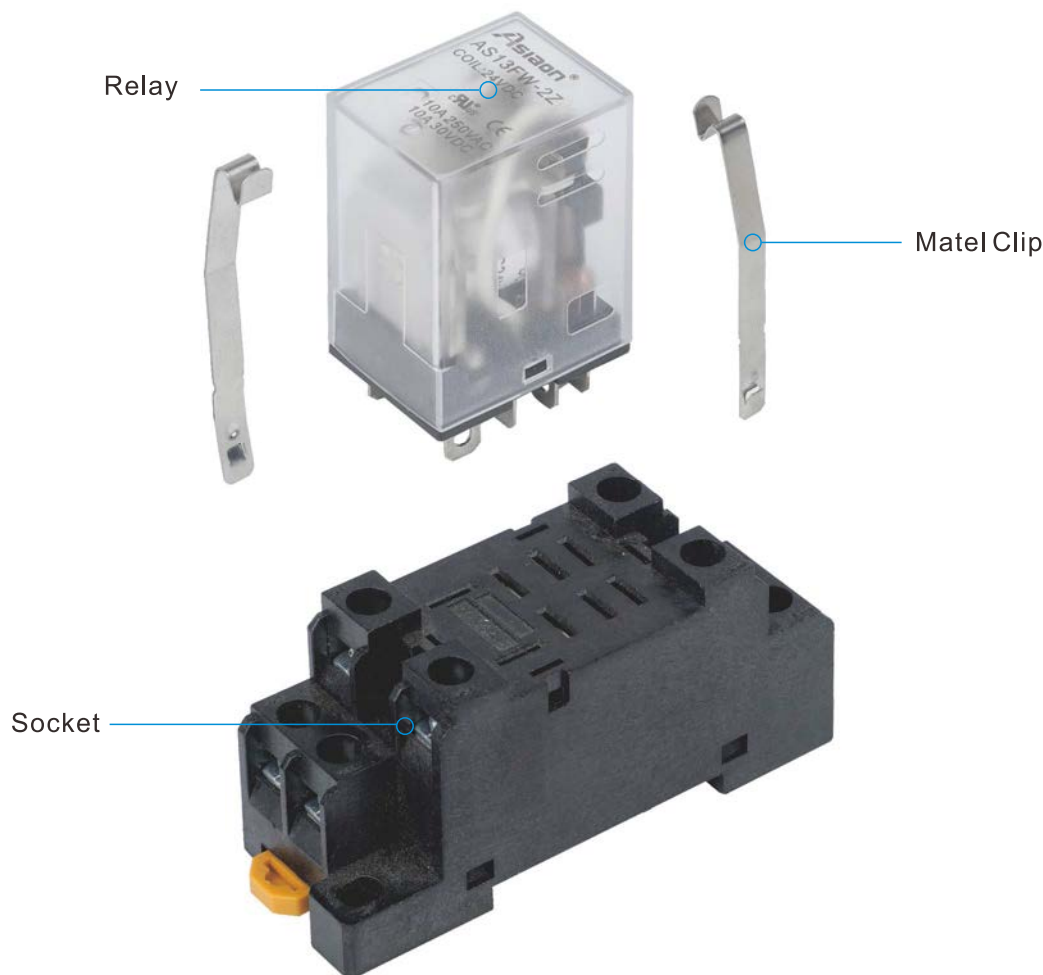
Socket	Clip	Module	DIN Rail
PYP08	K-35T	/	/
PYP11			
PYP14			

Dimensions (mm)



Connection Diagrams





Sockets Selection Table

T Series			
	PTF□□A	PTF□□A-E	PTP□□

Note: Other matched accessories please refer to the bottom page.



AS13FW 1Z
(LY1)



AS13FW 2Z
(HH62P LY2)



AS13FW 3Z
(HH63P LY3)



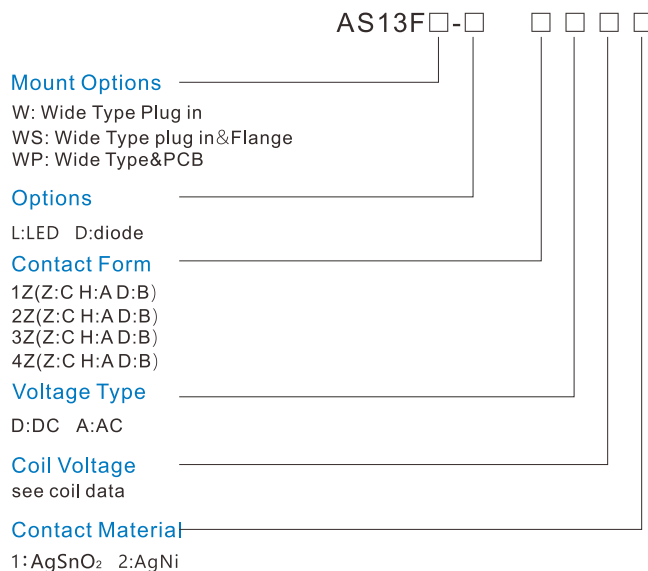
AS13FW 4Z
(HH64P LY4)



Features

- ◆ small size, good control response, low coil operating power
- ◆ Rated Load 1Z 15A; 2Z 10A

Ordering Information



Notes: We have 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.

Specifications

		1Z	2Z	3Z	4Z
		15A 250VAC/30VDC	10A 250VAC/30VDC		
Contact	Contact Form	1Z	2Z	3Z	4Z
	Rated Load	15A 250VAC/30VDC	10A 250VAC/30VDC		
	Electrical/Mechanical Life	≥100000times/1000000times			
	Initial Contact Resistance	≤100MΩ (1A 6VDC)			
	Contact Material	AgSnO ₂ AgNi			
Characteristics	Insulation Resistance	≥500MΩ (500VDC)			
	Dielectric Strength	Between open contacts≥1000VAC/1min			
		Between poles≥1500VAC/1min			
		Between contact and coil ≥1500VAC/1min			
	Operate/Release Time	≤25ms/25ms			
Coil	Terminal Type	Plug in/PCB			
	Operating PowerDC/AC	0.9W/1.2VA		1.4W/2.0VA	1.5W/2.5VA

DC Coil Data(1Z, 2Z)

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
5	4.0	0.5	28
6	4.8	0.6	40
12	9.6	1.2	160
24	19.2	2.4	650
48	38.4	4.8	2560
110	88.0	11.0	11000

DC Coil Data(3Z)

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
5	4.0	0.5	18
6	4.8	0.6	25.7
12	9.6	1.2	103
24	19.2	2.4	410
48	38.4	4.8	1700
110	88.0	11.0	8500

AC Coil Data(1Z, 2Z)

Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	10.5
12	9.6	3.6	46.5
24	19.2	7.2	192
48	38.4	14.4	783
110/120	88.0	33.0	4000
220/240	176.0	66.0	15000

AC Coil Data(3Z)

Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	6.3
12	9.6	3.6	24
24	19.2	7.2	100
48	38.4	14.4	400
110/120	88.0	33.0	2500
220/240	176.0	66.0	9200

DC Coil Data(4Z)

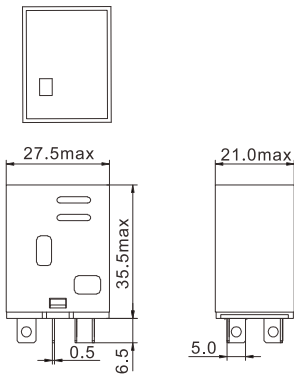
Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance $\Omega \pm 10\%$
5	4.0	0.5	16.6
6	4.8	0.6	25
12	9.6	1.2	100
24	19.2	2.4	350
48	38.4	4.8	1600
110	88.0	11.0	6900

AC Coil Data(4Z)

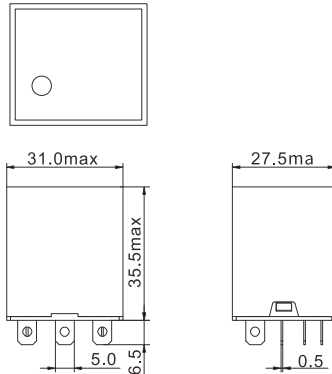
Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance $\Omega \pm 10\%$
6	4.8	1.8	5
12	9.6	3.6	20
24	19.2	7.2	78
48	38.4	14.0	320
110/120	88.0	33.0	1850
220/240	176.0	66.0	7400

Dimensions (mm)

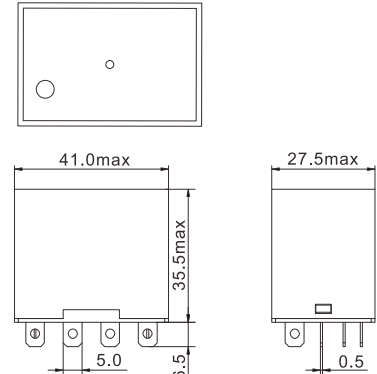
AS13FW 1Z/2Z



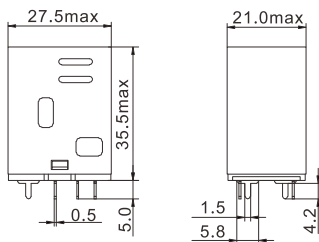
AS13FW 3Z



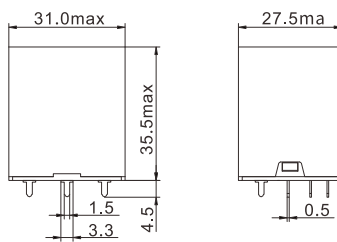
AS13FW 4Z



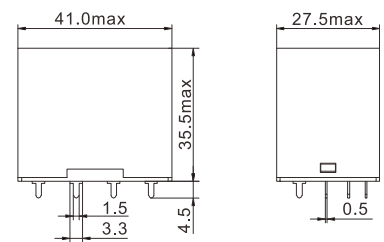
AS13FWP 1Z/2Z(PCB Mount)



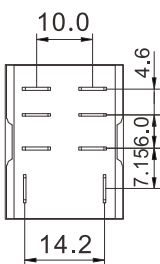
AS13FWP 3Z(PCB Mount)



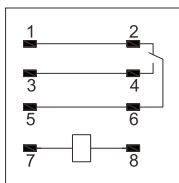
AS13FWP 4Z(PCB Mount)



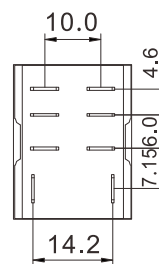
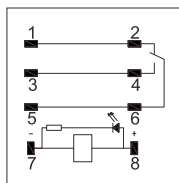
Wiring Diagrams



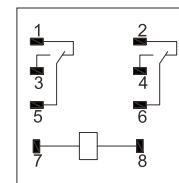
AS13FW 1Z



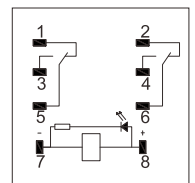
AS13FW-L 1Z



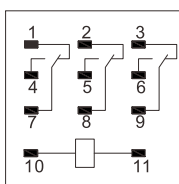
AS13FW 2Z



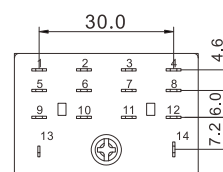
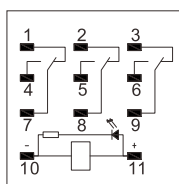
AS13FW-L 2Z



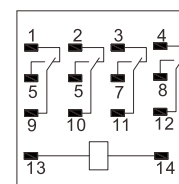
AS13FW 3Z



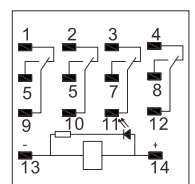
AS13FW-L 3Z



AS13FW 4Z



AS13FW-L 4Z





AS36FW-LS 1Z
(35.01)

AS36FW-LS 2Z
(35.02)



Specifications

Contact	Contact Form	1Z	2Z
	Rated Load	15A 250VAC /30VDC	10A 250VAC /30VDC
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂ AgNi	
Characteristics	Insulation Resistance	≥500MΩ (500VDC)	
	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil ≥1500VAC/1min	
	Operate/Release Time	≤25ms/25ms	
Coil	Terminal Type	Plug in/PCB	
	Operating PowerDC/AC	0.9W/1.2VA	

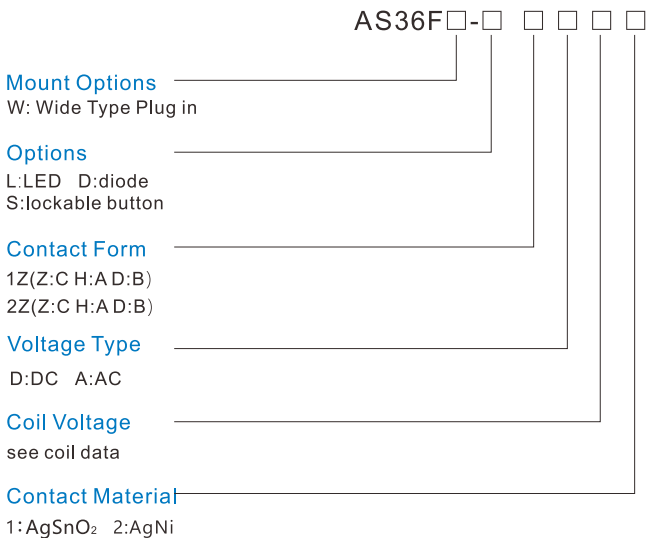
DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
5	4.0	0.5	28
6	4.8	0.6	40
12	9.6	1.2	160
24	19.2	2.4	650
48	38.4	4.8	2560
110	88.0	11.0	11000

Features

- ◆ with LED indicator
- ◆ with lockable test button and inspection window
- ◆ Rated Load 1Z 15A; 2Z 10A

Ordering Information



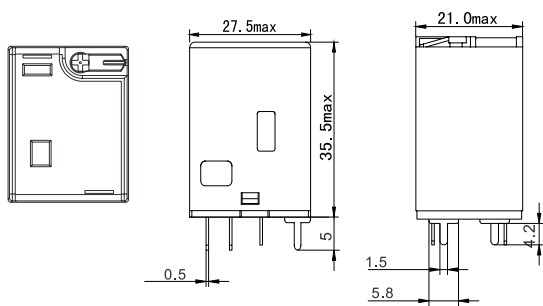
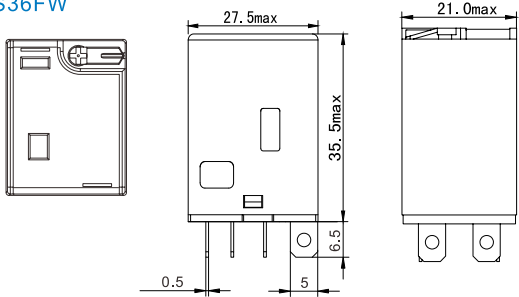
Notes: We have now gradually updated our ordering information. We suggest new type should be selected. If necessary, old type can be kept for some period for the old customers.

AC Coil Data

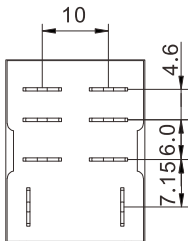
Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	10.5
12	9.6	3.6	46.5
24	19.2	7.2	192
48	38.4	14.4	783
110/120	88.0	33.0	4000
220/240	176.0	66.0	15000

Dimensions (mm)

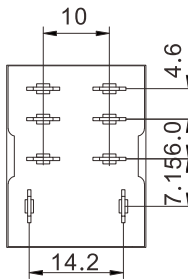
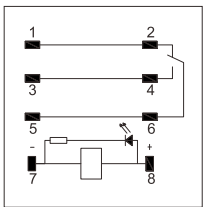
AS36FW



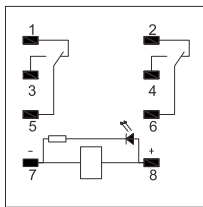
Wiring Diagrams



AS36FW 1Z



AS36FW 2Z





AS11FW 2Z
(JQX-11F)



Specifications

Contact	Contact Form	2Z
	Rated Load	20A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100MΩ (1A 6VDC)
	Contact Material	AgSnO ₂ AgNi
Characteristics	Insulation Resistance	≥500MΩ (500VDC)
	Dielectric Strength	Between open contacts≥1000VAC/1min
		Between poles≥1500VAC/1min
		Between contact and coil ≥1500VAC/1min
	Operate/Release Time	≤25ms/25ms
Coil	Terminal Type	Plug in/PCB
	Operating PowerDC/AC	1.2W/1.6VA

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	30
12	9.6	1.2	120
24	19.2	2.4	480
48	38.4	4.8	1920
110	88.0	11.0	10080

Features

- ♦ small size
- ♦ high rated load 2Z 20A

Ordering Information

AS11F	-	-	-	-	-
Mount Options	W: Wide Type Plug in				
Options	L: LED D: diode				
Contact Form	2Z(Z: C H: A D: B)				
Voltage Type	D: DC A: AC				
Coil Voltage	see coil data				
Contact Material	1: AgSnO ₂ 2: AgNi				

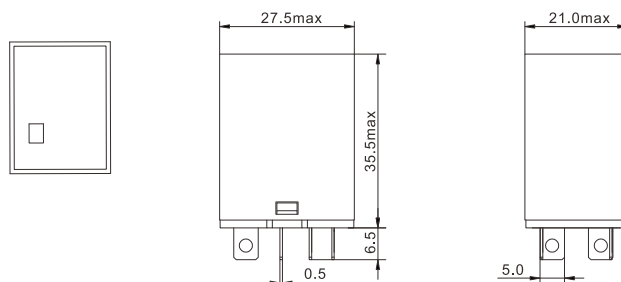
Notes: We have now gradually updated our ordering information. We suggest new type should be selected. If necessary, old type can be kept for some period for the old customers.

AC Coil Data

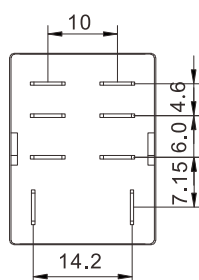
Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
12	9.6	3.6	31.5
24	19.2	7.2	126
48	38.4	14.4	504
110	88.0	36.0	2650
220	176.0	72.0	10600
240	176.0	72.0	12600

Dimensions (mm)

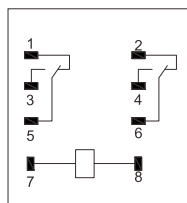
AS11FW 2Z



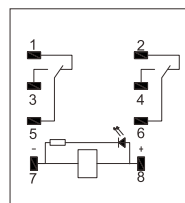
Wiring Diagrams



AS11FW 2Z



AS11FW-L 2Z



PTF Series Sockets



PTF□□A



Product Appearance



PTF□□A

Specifications

Dielectric Strength	Current/Voltage	A/VAC	7/300
	Coil & Contacts	V/S	2000
	Between contacts	V/S	2000
Wire Size	AWG/mm2	20-16/0.5-1.5	
Tightening Torque	Nm	0.7	

Matched Accessories

Socket	Clip	Module	DIN Rail
PTF08A	K-35S	/	
PTF11A			
PTF14A			

PTF□□A-E



Product Appearance



PTF□□A-E

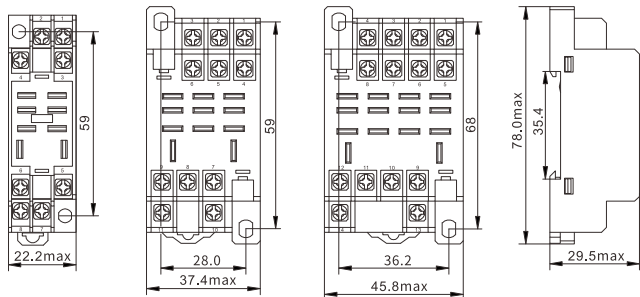
Specifications

Rated Load	Current/Voltage	A/VAC	7/300
Dielectric Strength	Coil & Contacts	V/S	2000
	Between contacts	V/S	2000
Wire Size	AWG/mm2	20-16/0.5-1.5	
Tightening Torque	Nm	0.7	
Terminal Ingress Protection		IP20	

Matched Accessories

Socket	Clip	Module	DIN Rail
PTF08A-E	K-35S	/	
PTF11A-E			
PTF14A-E			

Dimensions (mm)

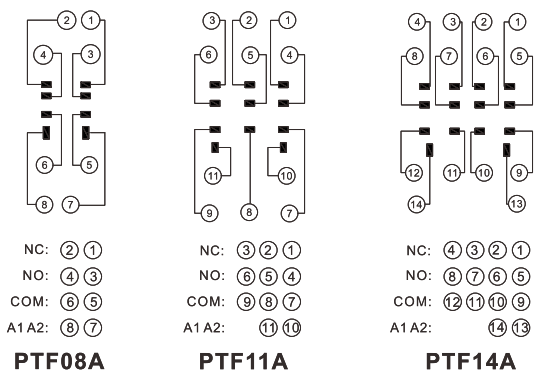


PTF08A

PTF11A

PTF14A

Connection Diagrams

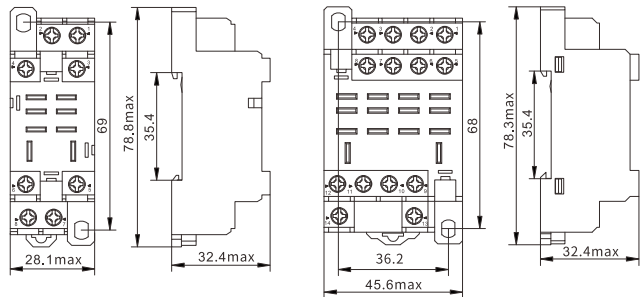


PTF08A

PTF11A

PTF14A

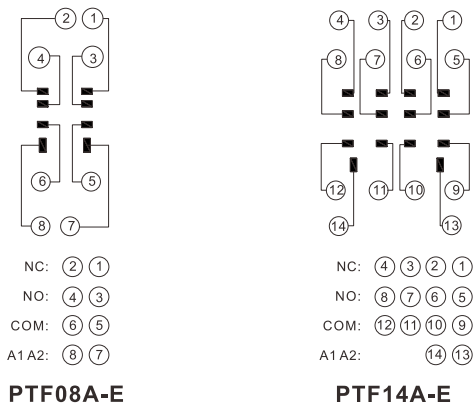
Dimensions (mm)



PTF08A-E

PTF14A-E

Connection Diagrams



PTF08A-E

PTF14A-E

PTP Series Sockets



Product Appearance



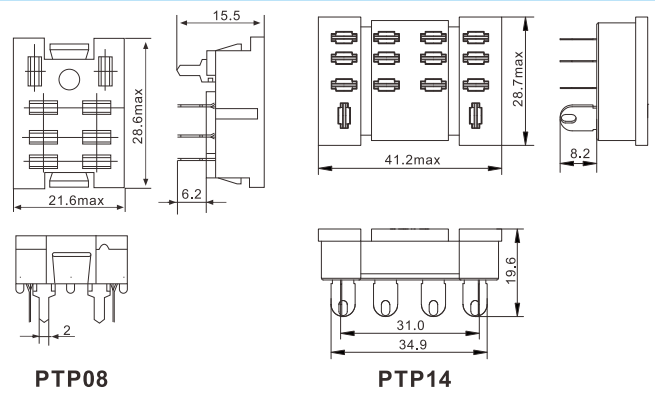
Specifications

Rated Load	Current/Voltage	A/VAC	10/300
Dielectric Strength	Coil & Contacts	V/S	2000
	Between contacts	V/S	2000
Wire Size	AWG/mm2		/
Tightening Torque	Nm		/

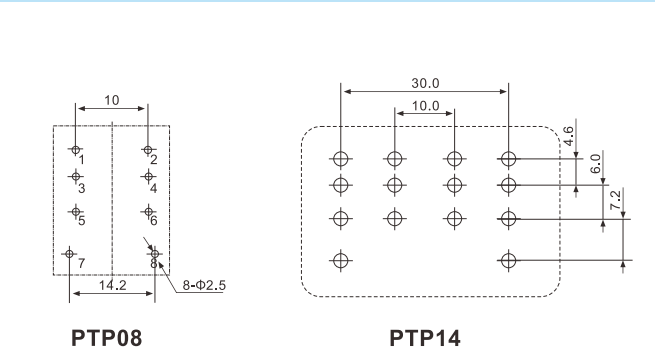
Matched Accessories

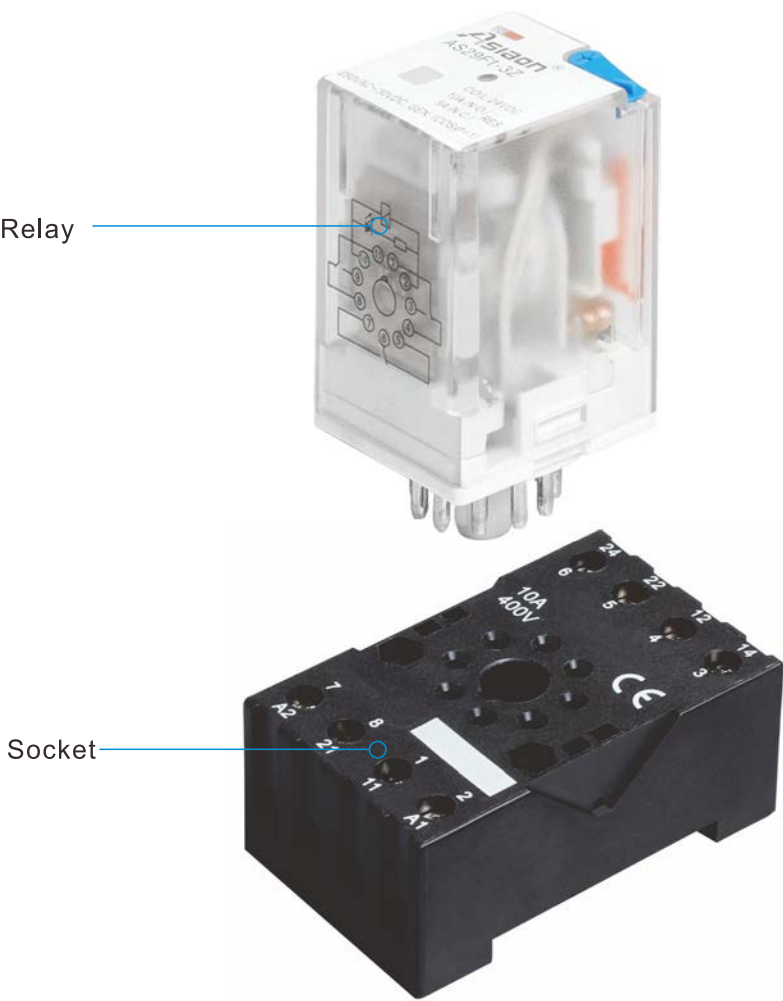
Socket	Clip	Module	DIN Rail
PTP08	K-35T	/	
PTP14			

Dimensions (mm)



Connection Diagrams





Sockets Selection Table

P Series							
	PPF□□A	PPF□□A-E	PPF□□A-E2	PPF□□A-E3	PPF□□-E	PPF□□-E2	US-□□A

Note: Other matched accessories please refer to the bottom page.



Specifications

Contact	Contact Form	2Z	3Z
	Rated Load	NO:10A 250VAC/30VDC NC:5A 250VAC/30VDC	
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂ AgNi	
Characteristics	Insulation Resistance	≥500MΩ (500VDC)	
	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil ≥1500VAC/1min	
	Operate/Release Time	≤25ms/25ms	
Coil	Terminal Type	Plug in	
	Operating PowerDC/AC	1.6W/2.8VA	

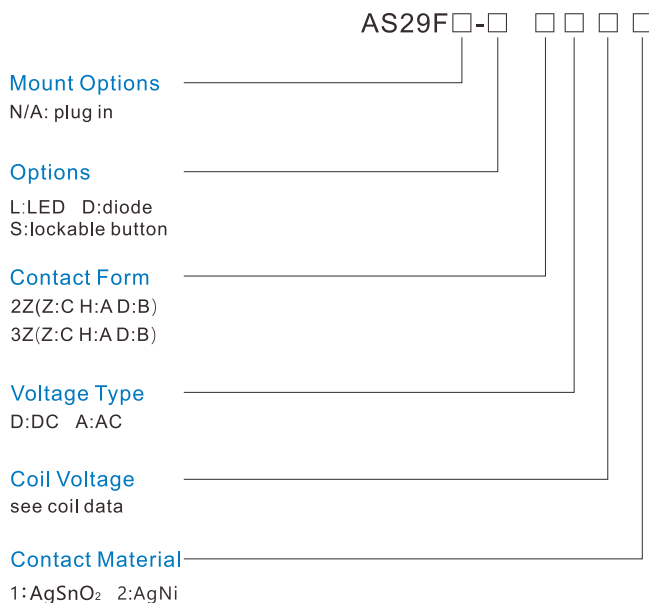
DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	22.5
12	9.6	1.2	90
24	19.2	2.4	360
48	38.4	4.8	1440
100	80.0	10.0	6250
110	88.0	11.0	7560

Features

- ◆ with LED indicator
- ◆ with lockable test button and inspection window
- ◆ rated Load 10A

Ordering Information



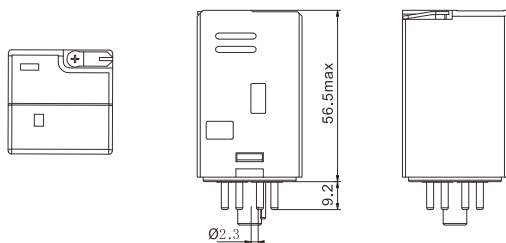
Notes: We have now gradually updated our ordering information. We suggest new type should be selected. If necessary, old type can be kept for some period for the old customers.

AC Coil Data

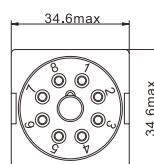
Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.80	1.8	4.5
12	9.60	3.6	18
24	19.2	7.2	72
48	38.4	14.4	288
110/120	88.0	33.0	1650
220/240	176	66.0	6800

Dimensions (mm)

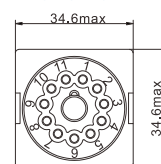
AS29F



AS29F 2Z

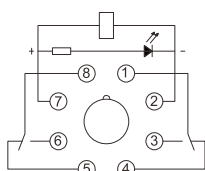


AS29F 3Z

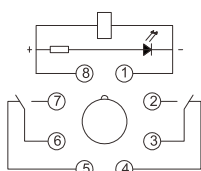


Wiring Diagrams

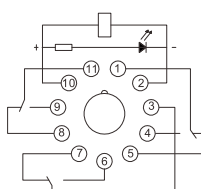
AS29F 2Z-1



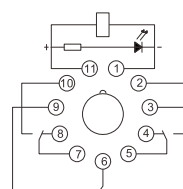
AS29F 2Z-2



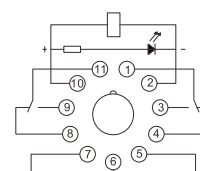
AS29F 3Z-1



AS29F 3Z-2



AS29F 3Z-3





AS29F1-LS 2Z
(90.2A)



AS29F1-LS 3Z
(90.3A)



Specifications

Contact	Contact Form	2Z	3Z
	Rated Load	NO:10A 250VAC/30VDC NC:5A 250VAC/30VDC	
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂ AgNi	
Characteristics	Insulation Resistance	≥500MΩ (500VDC)	
	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil ≥1500VAC/1min	
	Operate/Release Time	≤25ms/25ms	
Coil	Terminal Type	Plug in	
	Operating PowerDC/AC	1.6W/2.8VA	

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	22.5
12	9.6	1.2	90
24	19.2	2.4	360
48	38.4	4.8	1440
100	80.0	10.0	6250
110	88.0	11.0	7560

Features

- ◆ with LED indicator
- ◆ with lockable test button and inspection window
- ◆ rated Load 10A

Ordering Information

AS29F1	-					
Mount Options						
N/A: plug in						
Options						
L:LED D: diode S:lockable button						
Contact Form						
2Z(Z:C H:A D:B) 3Z(Z:C H:A D:B)						
Voltage Type						
D:DC A:AC						
Coil Voltage						
see coil data						
Contact Material						
1:AgSnO ₂ 2:AgNi						

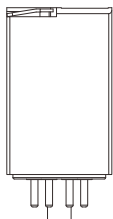
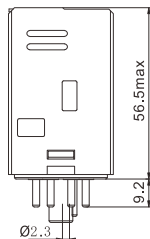
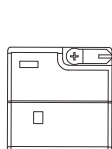
Notes:We has now gradually updated our ordering information. We suggest new type should be selected. If necessary, old type can be kept for some period for the old customers.

AC Coil Data

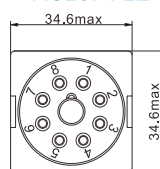
Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.80	1.8	4.5
12	9.60	3.6	18
24	19.2	7.2	72
48	38.4	14.4	288
110/120	88.0	33.0	1650
220/240	176	66.0	6800

Dimensions (mm)

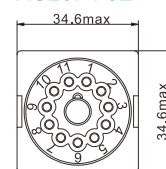
AS29F1



AS29F1 2Z

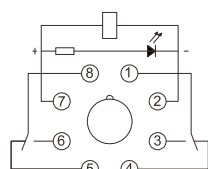


AS29F1 3Z

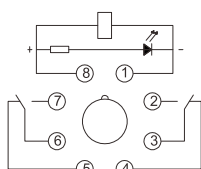


Wiring Diagrams

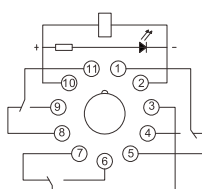
AS29F1 2Z-1



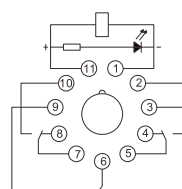
AS29F1 2Z-2



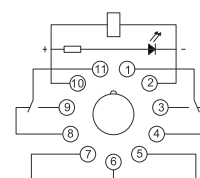
AS29F1 3Z-1



AS29F1 3Z-2



AS29F1 3Z-3





AS28F-LS 2Z
(80.2)



AS28F-LS 3Z
(80.3)



Specifications

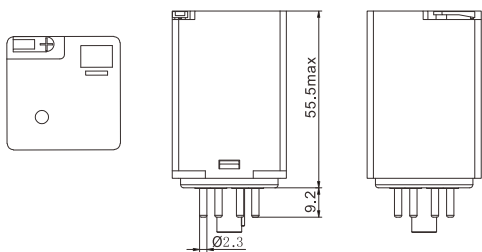
Contact	Contact Form	2Z	3Z
	Rated Load	NO:10A 250VAC/30VDC NC:5A 250VAC/30VDC	
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂ AgNi	
Characteristics	Insulation Resistance	≥500MΩ (500VDC)	
	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil ≥1500VAC/1min	
Coil	Operate/Release Time	≤25ms/25ms	
	Terminal Type	Plug in	
	Operating PowerDC/AC	1.5W/2.5VA	

DC Coil Data

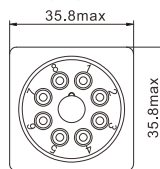
Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	22.5
12	9.6	1.2	90
24	19.2	2.4	360
48	38.4	4.8	1440
100	80.0	10.0	6250
110	88.0	11.0	7560

Dimensions (mm)

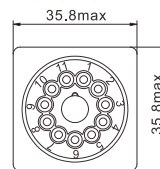
AS28F



AS28F 2Z



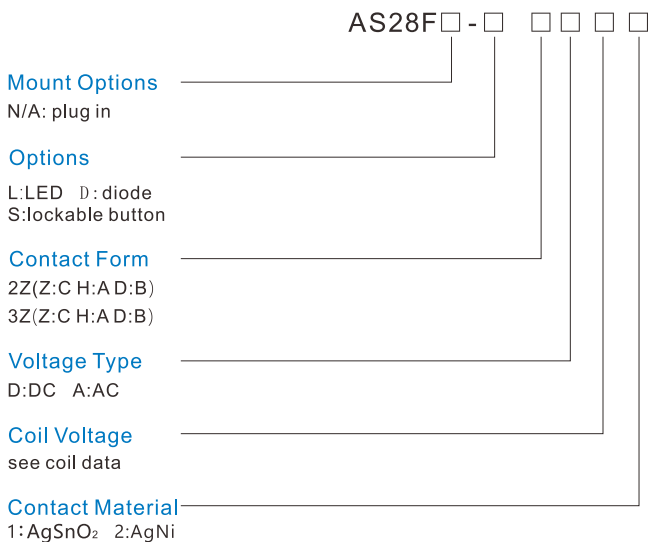
AS28F 3Z



Features

- ◆ with LED indicator
- ◆ with lockable test button and inspection window
- ◆ rated load 10A

Ordering Information



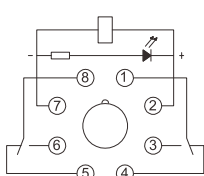
Notes:We has now gradually updated our ordering information. We suggest new type should be selected. If necessary, old type can be kept for some period for the old customers.

AC Coil Data

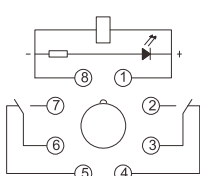
Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	4.6
12	9.6	3.6	20
24	19.2	7.2	80
48	38.4	14.4	320
110	88	33	1690
120	96	36	2016
220	176	66	6776
230	184	69	7406
240	192	72	8064

接线图

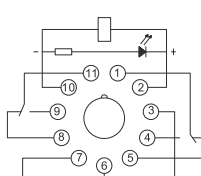
AS28F 2Z-1



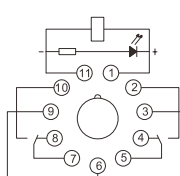
AS28F 2Z-2



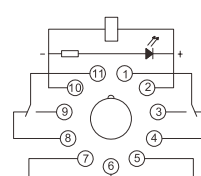
AS28F 3Z-1



AS28F 3Z-2



AS28F 3Z-3





Specifications

Contact	Contact Form	2Z	3Z
	Rated Load	NO:10A 250VAC/30VDC NC:5A 250VAC/30VDC	
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂ AgNi	
	Insulation Resistance	≥500MΩ (500VDC)	
Characteristics	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil ≥1500VAC/1min	
	Operate/Release Time	≤25ms/25ms	
Coil	Terminal Type	Plug in	
	Operating PowerDC/AC	1.6W/2.8VA	

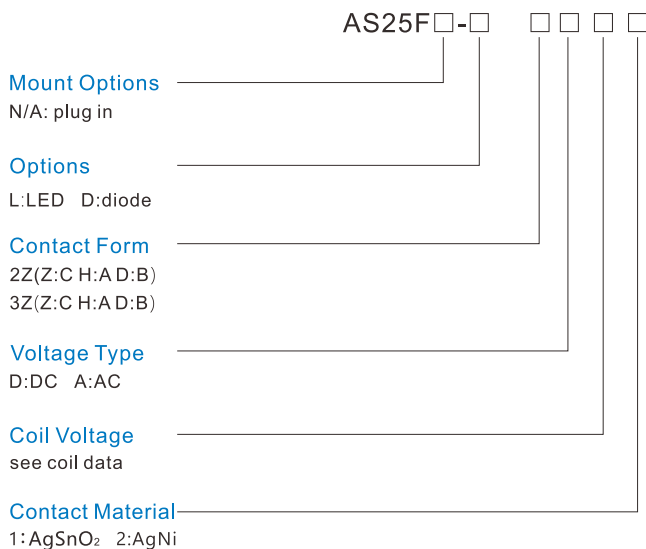
DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	22.5
12	9.6	1.2	90
24	19.2	2.4	360
48	38.4	4.8	1440
100	80.0	10.0	6250
110	88.0	11.0	7560

Features

- ◆ with inspection window
- ◆ rated load 10A

Ordering Information



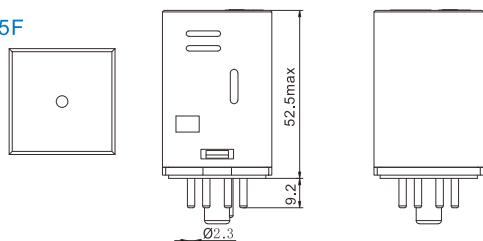
Notes: We have now gradually updated our ordering information. We suggest new type should be selected. If necessary, old type can be kept for some period for the old customers.

AC Coil Data

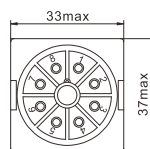
Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	4.5
12	9.6	3.6	18
24	19.2	7.2	72
48	38.4	14.4	288
110/120	88.0	33.0	1650
220/240	176.0	66.0	6800

Dimensions (mm)

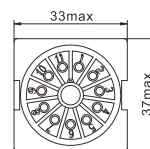
AS25F



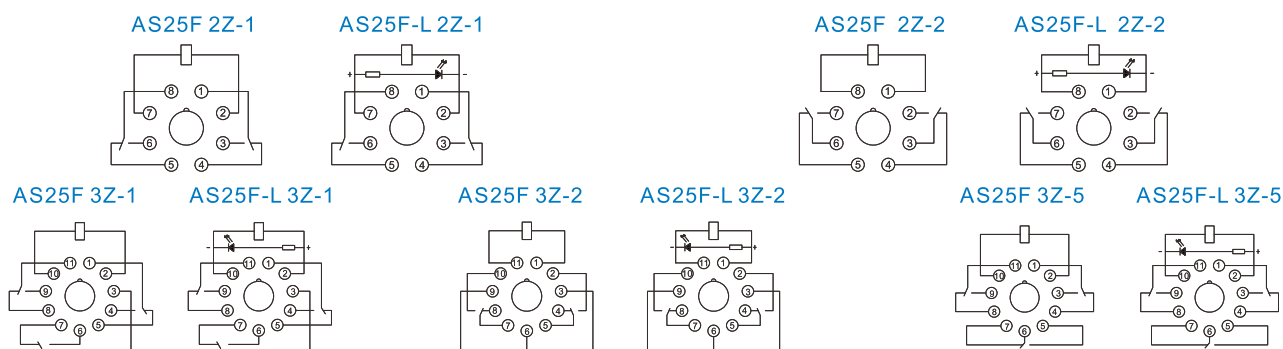
AS25F-2Z



AS25F-3Z



Wiring Diagrams





Specifications

Contact	Contact Form	2Z	3Z
	Rated Load	NO:10A 250VAC/30VDC NC:5A 250VAC/30VDC	
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂ AgNi	
Characteristics	Insulation Resistance	≥500MΩ (500VDC)	
	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil ≥1500VAC/1min	
	Operate/Release Time	≤25ms/25ms	
Coil	Terminal Type	Plug in	
	Operating PowerDC/AC	1.6W/2.8VA	

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	22.5
12	9.6	1.2	90
24	19.2	2.4	360
48	38.4	4.8	1440
100	80.0	10.0	6250
110	88.0	11.0	7560

Features

- ♦ rated load 10A

Ordering Information

AS10F	-				
Mount Options					
N/A: plug in					
Options					
L:LED D:diode					
Contact Form					
2Z(Z:C H:A D:B)					
3Z(Z:C H:A D:B)					
Voltage Type					
D:DC A:AC					
Coil Voltage					
see coil data					
Contact Material					
1:AgSnO ₂ 2:AgNi					

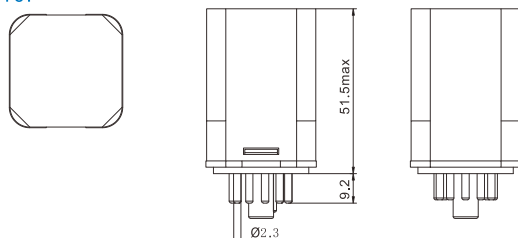
Notes: We have now gradually updated our ordering information. We suggest new type should be selected. If necessary, old type can be kept for some period for the old customers.

AC Coil Data

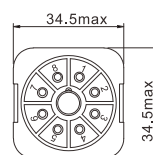
Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	4.5
12	9.6	3.6	18
24	19.2	7.2	72
48	38.4	14.4	288
110/120	88.0	33.0	1650
220/240	176.0	66.0	6800

Dimensions (mm)

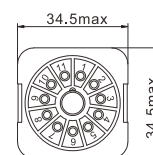
AS10F



AS10F 2Z

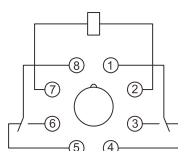


AS10F 3Z

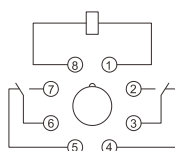


Wiring Diagrams

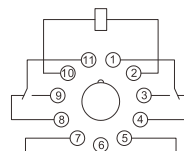
AS10F 2Z-1



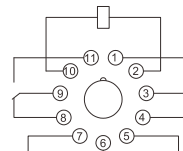
AS10F 2Z-2



AS10F 3Z-1



AS10F 3Z-2



PPF□□A

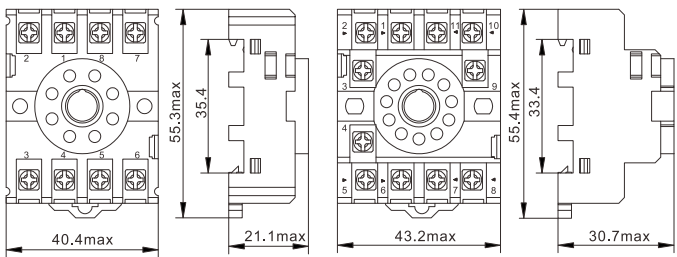


Product Appearance



PPF□□A
(PF113A)

Dimensions (mm)



PPF08A

PPF11A

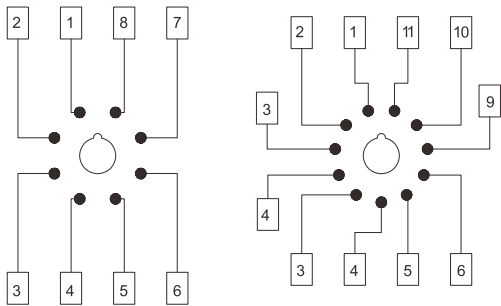
Specifications

Rated Load	Current/Voltage	A/VAC	10/300
Dielectric Strength	Coil & Contacts	V/S	2000
	Between contacts	V/S	2000
Wire Size	AWG/mm2		20-16/0.5-2.5
Tightening Torque	Nm		0.8

Matched Accessories

Socket	Clip	Module	DIN Rail
PPF08A	K-53	/	
PPF11A			

Connection Diagrams



PPF08A

PPF11A

PPF□□A-E

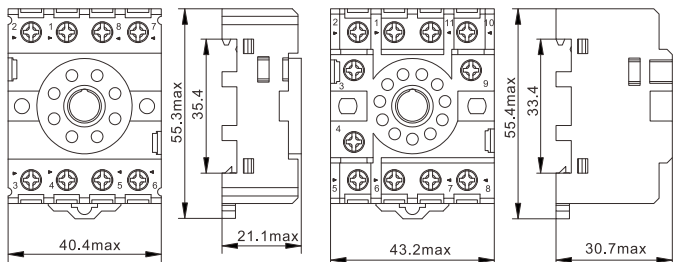


Product Appearance



PPF□□A-E
(PF113A-E)

Dimensions (mm)



PPF08A-E

PPF11A-E

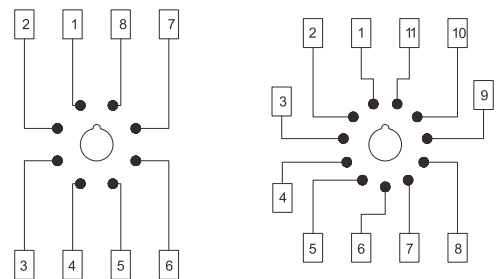
Specifications

Rated Load	Current/Voltage	A/VAC	10/300
Dielectric Strength	Coil & Contacts	V/S	2000
	Between contacts	V/S	2000
Wire Size		AWG/mm2	20-16/0.5-1.5
Tightening Torque		Nm	0.8
Terminal Ingress Protection			IP20

Matched Accessories

Socket	Clip	Module	DIN Rail
PPF08A-E	K-53	/	
PPF11A-E			

Connection Diagrams



PPF08A-E

PPF11A-E

PPF Series Sockets



PPF□□A-E2

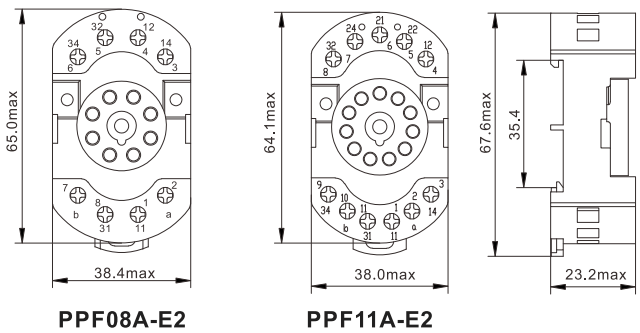


Product Appearance



PPF□□A-E2
(90.23)

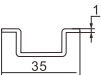
Dimensions (mm)



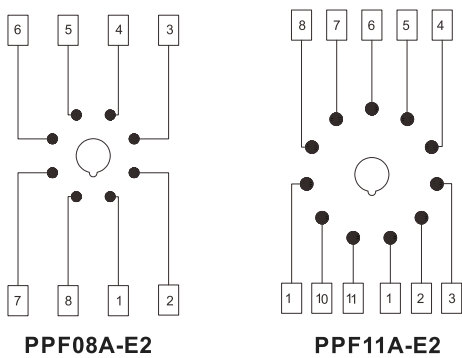
Specifications

Rated Load	Current/Voltage	A/VAC	10/300
Dielectric Strength	Coil & Contacts	V/S	4000
	Between contacts	V/S	2500
Wire Size	AWG/mm2		20-14/0.5-2.5
Tightening Torque	Nm		0.8
Terminal Ingress Protection			IP20

Matched Accessories

Socket	Clip	Module	DIN Rail
PPF08A-E2	K-53	/	
PPF11A-E2			

Connection Diagrams



PPF□□A-E3

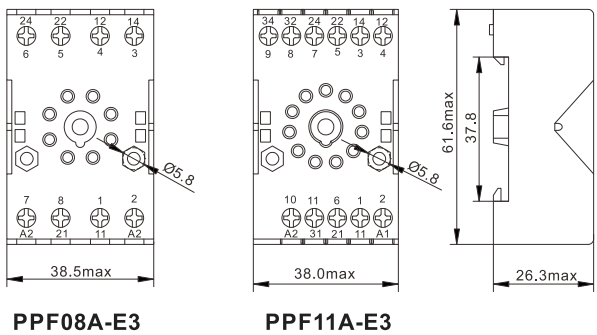


Product Appearance



PPF□□A-E3
(AS770)

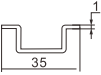
Dimensions (mm)



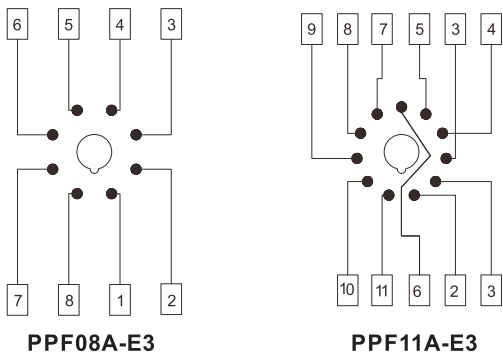
Specifications

Rated Load	Current/Voltage	A/VAC	10/300
Dielectric Strength	Coil & Contacts	V/S	2000
	Between contacts	V/S	2000
Wire Size		AWG/mm2	20-14/0.5-2.5
Tightening Torque		Nm	0.8
Terminal Ingress Protection			IP20

Matched Accessories

Socket	Clip	Module	DIN Rail
PPF08A-E3	K-53	/	
PPF11A-E3			

Connection Diagrams



➡ PPF□□-E



Product Appearance

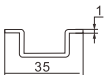


PPF□□-E
(MT740)

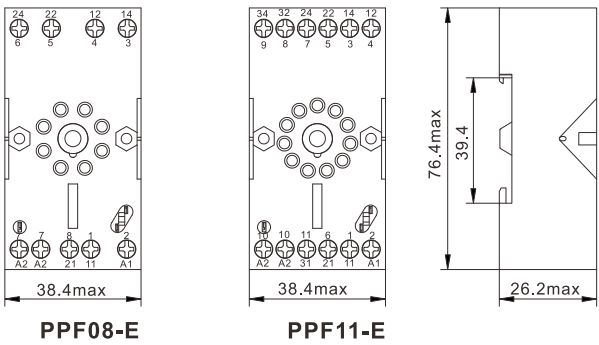
Specifications

Rated Load	Current/Voltage	A/VAC	10/300
Dielectric Strength	Coil & Contacts	V/S	2000
	Between contacts	V/S	2000
Wire Size		AWG/mm2	20-14/0.5-2.5
Tightening Torque		Nm	0.8
Terminal Ingress Protection			IP20

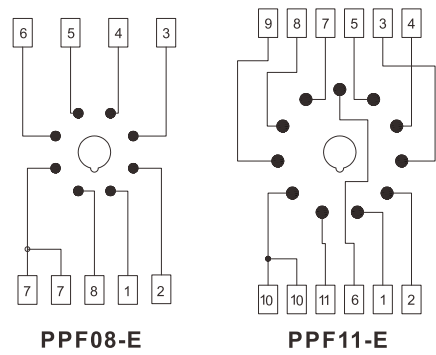
Matched Accessories

Socket	Clip	Module	DIN Rail
PPF08-E	K-53	AMD series	
PPF11-E			

Dimensions (mm)



Connection Diagrams



➡ PPF□□-E2



Product Appearance

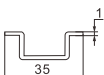


PPF□□-E2
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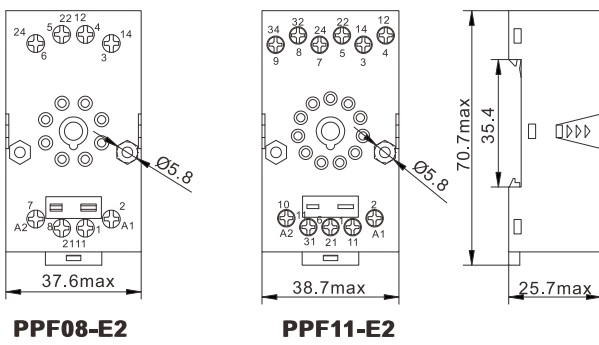
Specifications

Rated Load	Current/Voltage	A/VAC	10/300
Dielectric Strength	Coil & Contacts	V/S	2000
	Between contacts	V/S	2000
Wire Size		AWG/mm2	20-14/0.5-2.5
Tightening Torque		Nm	0.8
Terminal Ingress Protection			IP20

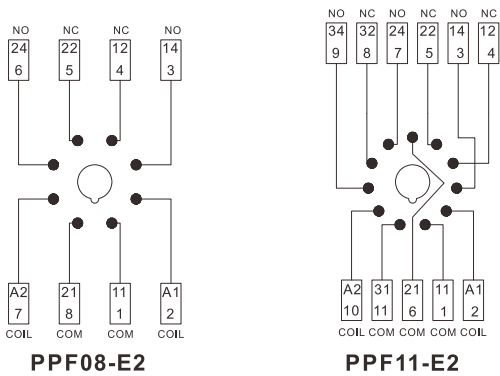
Matched Accessories

Socket	Clip	Module	DIN Rail
PPF08-E2	K-53	AMC series	
PPF11-E2			

Dimensions (mm)



Connection Diagrams



US Series Sockets

➡ **US-□□A**



Product Appearance



US-08A

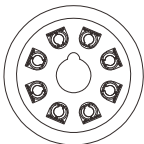


US-11A

Specifications

Rated Load	Current/Voltage	A/VAC	10/300
Dielectric Strength	Coil & Contacts	V/S	2000
	Between contacts	V/S	2000
Wire Size	AWG/mm2		
Tightening Torque	Nm		

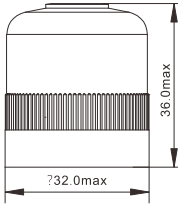
Dimensions (mm)



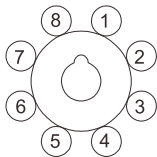
US-08A



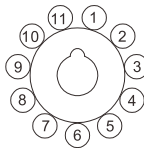
US-11A



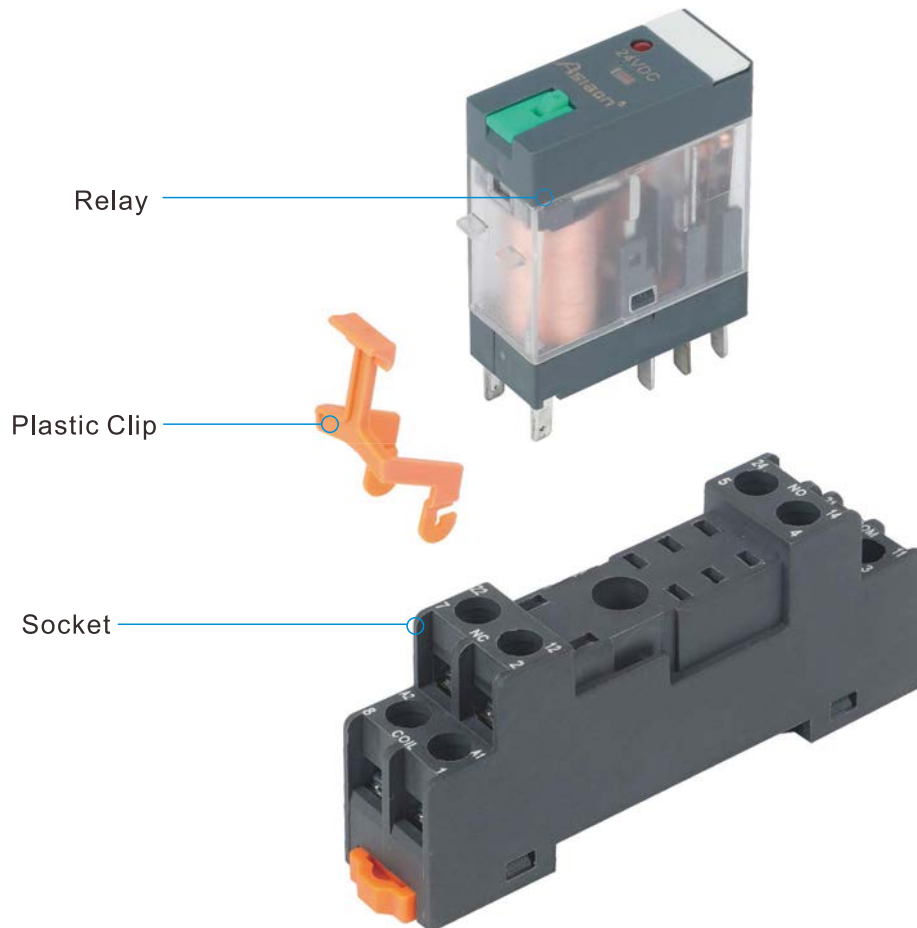
Connection Diagrams



US-08A



US-11A



Sockets Selection Table

R Series	 PRF□□A	 PRF□□A-E	 PRP□□
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Note: Other matched accessories please refer to the bottom page.



AS14F 1Z



AS14F 2Z

Features

- ◆ good control response
- ◆ slim size
- ◆ high rated Load 1Z 12A; 2Z 8A

Ordering Information

	AS14F□-□□□□
Mount Options	_____
N/A: plug in	
Options	_____
L:LED D:diode	
Contact Form	_____
1Z(Z:C H:A D:B)	
2Z(Z:C H:A D:B)	
Voltage Type	_____
D:DC A:AC	
Coil Voltage	_____
see coil data	
Contact Material	_____
1:AgSnO ₂ 2:AgNi	



Specifications

Contact	Contact Form	1Z	2Z
	Rated Load	12A 250VAC/30VDC	8A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100mΩ (1A 6VDC)	
	Contact Material	AgSnO ₂ AgNi	
Characteristics	Insulation Resistance	≤500MΩ (500VDC)	
	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil≥4000VAC/1min	
	Operate/Release Time	≤15ms/15ms	
Coil	Terminal Type	Plug in	
	Operating PowerDC/AC	0.53W/0.9VA	

DC Coil Data

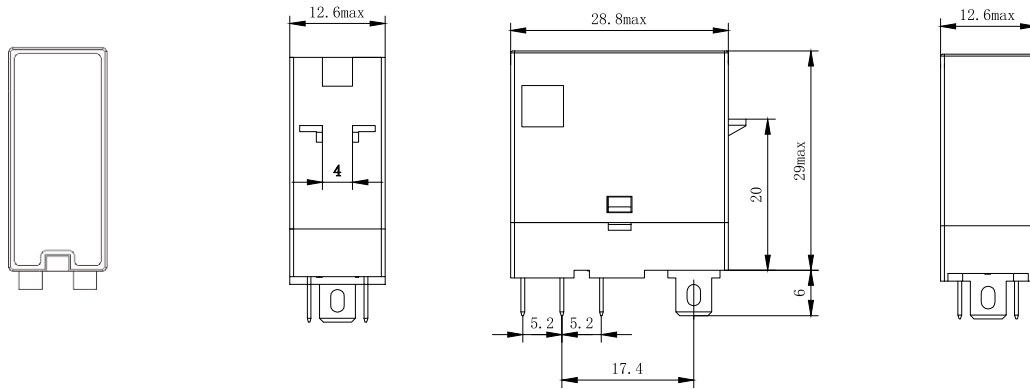
Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
3	2.25	0.3	17
5	3.75	0.5	47
6	4.5	0.6	68
9	6.75	0.9	150
12	9.0	1.2	270
18	13.5	1.8	610
24	18.0	2.4	1100
48	36.0	4.8	4220
110	82.5	11	22800

AC Coil Data

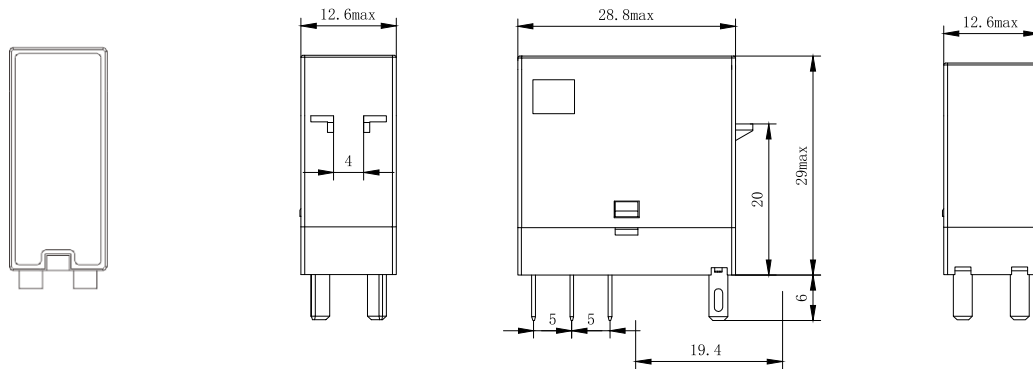
Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	16
12	9.6	3.6	65
24	19.2	4.2	240
48	38.4	14.4	1080
115	88	33.0	6300
230	184	69.0	23000

Dimensions (mm)

AS14F 1Z

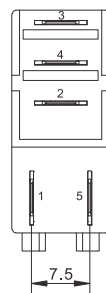


AS14F 2Z

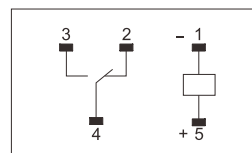


Wiring Diagrams

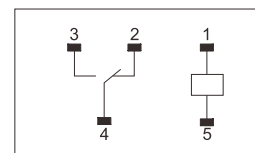
AS14F 1Z



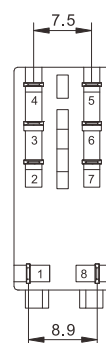
DC



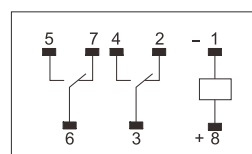
AC



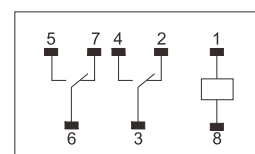
AS14F 2Z



DC



AC





AS14F-LS 1Z



AS14F-LS 2Z

Features

- ◆ good control response
- ◆ slim size
- ◆ with LED indicator,
- ◆ with lockable test button and inspection window
- ◆ Rated Load. 1Z 12A,2Z 8A

Ordering Information

AS14F□-□ □ □ □ □

Mount Options _____
N/A: plug in

Options _____
L:LED D: diode
S:lockable button

Contact Form _____
1Z(Z:C H:A D:B)
2Z(Z:C H:A D:B)

Voltage Type _____
D:DC A:AC

Coil Voltage _____
see coil data

Contact Material _____
1:AgSnO₂ 2:AgNi



Specifications

Contact	Contact Form	1Z	2Z
	Rated Load	12A 250VAC/30VDC	8A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100mΩ (1A 6VDC)	
	Contact Material	AgSnO ₂ AgNi	
Characteristics	Insulation Resistance	≥500MΩ (500VDC)	
	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil≥4000VAC/1min	
	Operate/Release Time	≤15ms/15ms	
Coil	Terminal Type	插入式	
	Operating PowerDC/AC	0.53W/0.9VA	

DC Coil Data

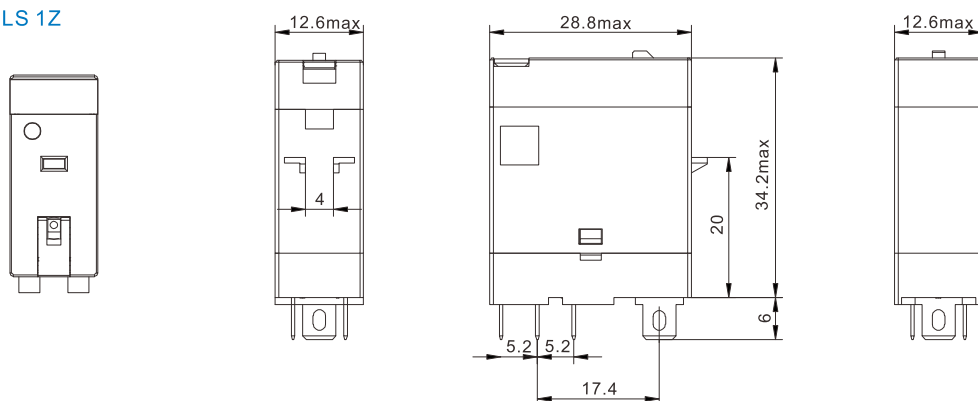
Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
3	2.25	0.3	17
5	3.75	0.5	47
6	4.5	0.6	68
9	6.75	0.9	150
12	9.0	1.2	270
18	13.5	1.8	610
24	18.0	2.4	1100
48	36.0	4.8	4220
110	82.5	11	22800

AC Coil Data

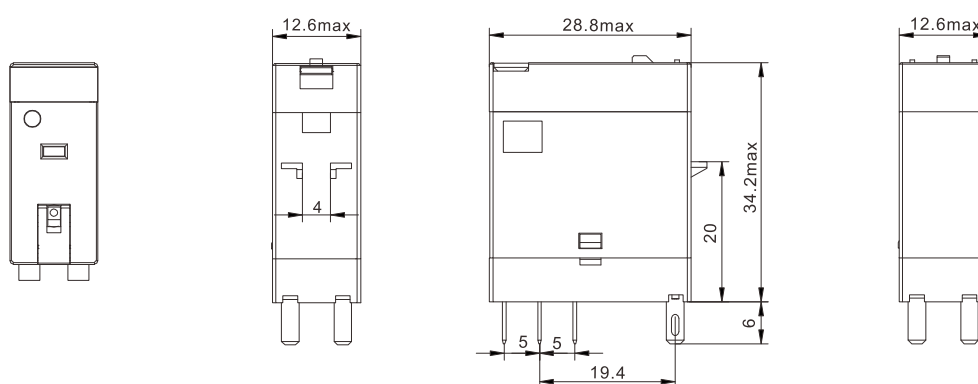
Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	16
12	9.6	3.6	65
24	19.2	4.2	240
48	38.4	14.4	1080
115	88	33.0	6300
230	184	69.0	23000

Dimensions (mm)

AS14F-LS 1Z

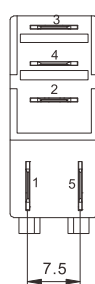


AS14F-LS 2Z

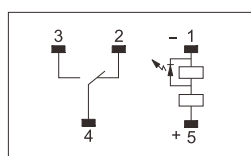


Wiring Diagrams

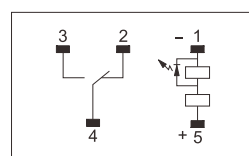
AS14F-LS 1Z



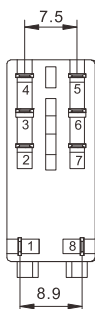
DC



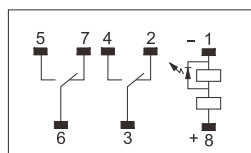
DC



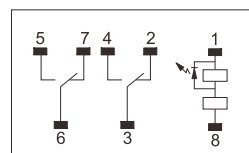
AS14F-LS 2Z



AC



AC



PRF Series Sockets



PRF□□A



Product Appearance



PRF□□A

Specifications				
Rated Load	Current/Voltage	A/VAC	16/300	10/300
Dielectric Strength	Coil & Contacts	V/S	4000	
	Between contacts	V/S	2500	
Wire Size	AWG/mm2		20-14/0.5-2.5	
Tightening Torque	Nm		0.8	

Matched Accessories			
Socket	Clip	Module	DIN Rail
PRF05A	K-25S (Pre-configured)	/	
PRF08A			

PRF□□A-E



Product Appearance

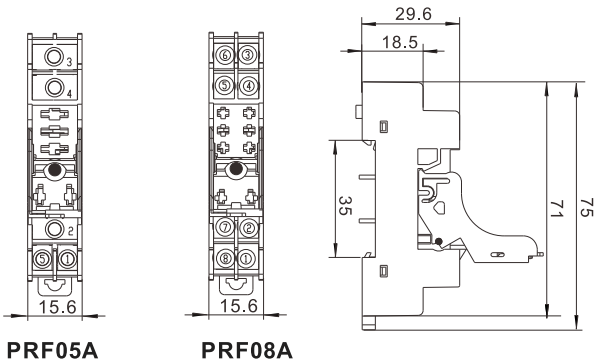


PRF□□A-E

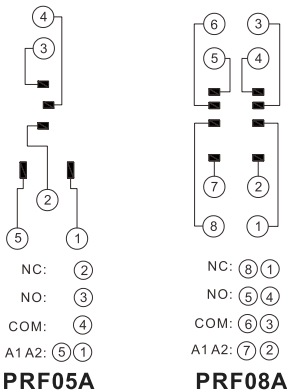
Specifications				
Rated Load	Current/Voltage	A/VAC	16/300	10/300
Dielectric Strength	Coil & Contacts	V/S	4000	
	Between contacts	V/S	2500	
Wire Size		AWG/mm2	20-14/0.5-2.5	
Tightening Torque		Nm	0.8	
Terminal Ingress Protection			IP20	

Matched Accessories			
Socket	Clip	Module	DIN Rail
PRF05A-E	B-25S (Pre-configured)	/	
PRF08A-E			

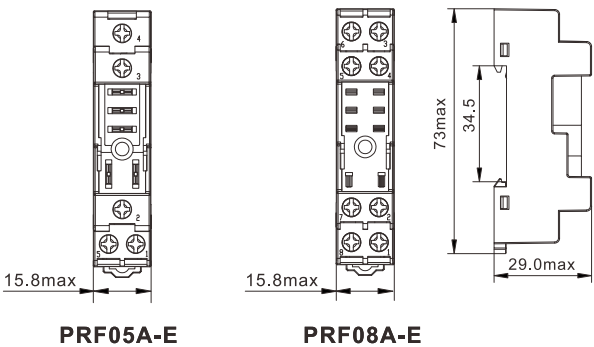
Dimensions (mm)



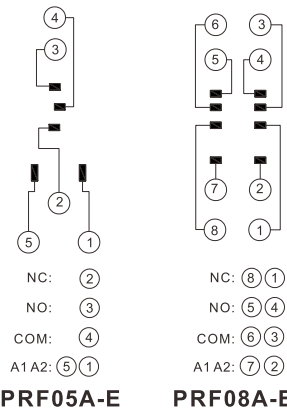
Connection Diagrams



Dimensions (mm)



Connection Diagrams



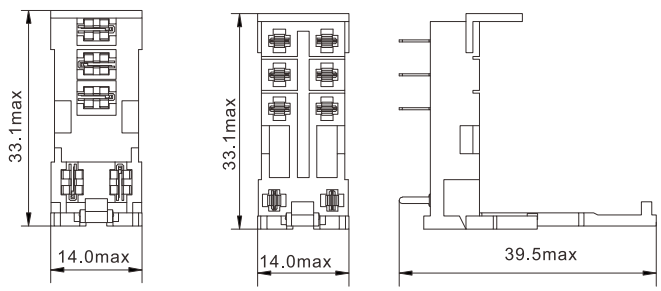


Product Appearance



PRP□□

Dimensions (mm)



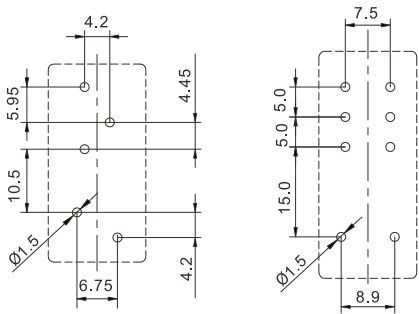
PRP05

PRP08

Specifications

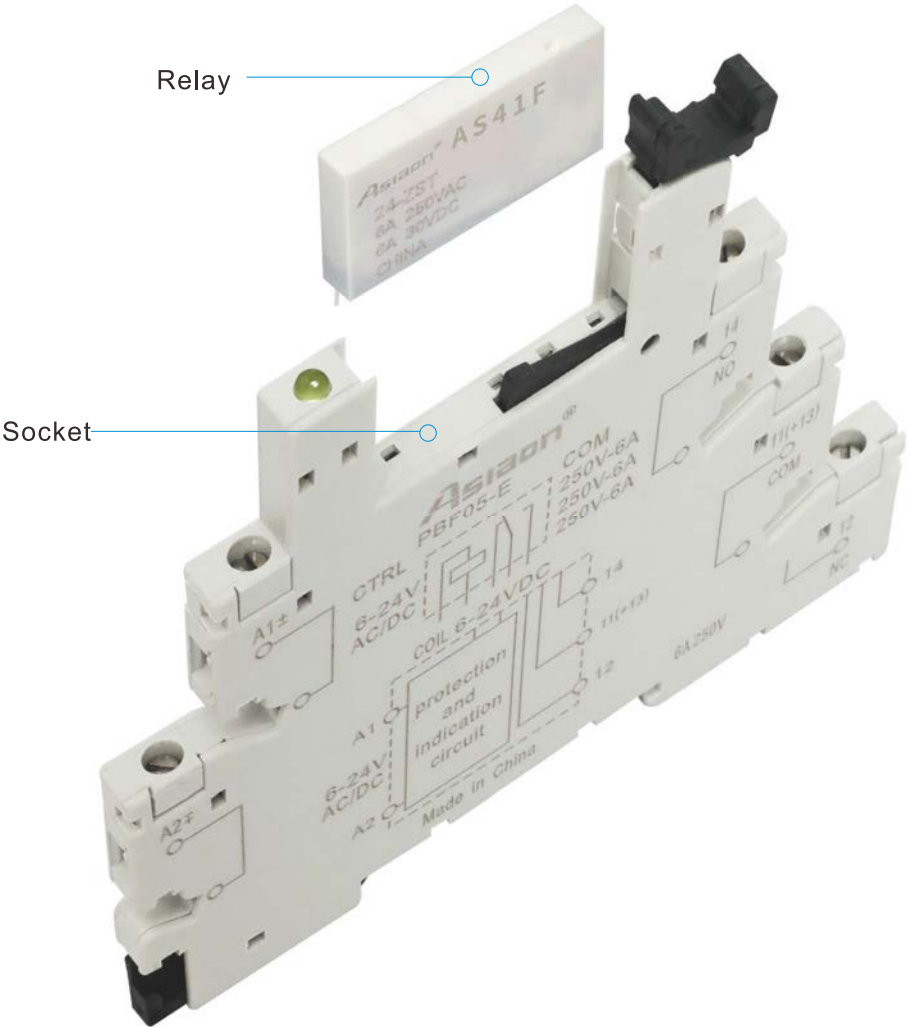
Rated Load	Current/Voltage	A/VAC	16/300	10/300
Dielectric Strength	Coil & Contacts	V/S	2000	
	Between contacts	V/S	2000	
Wire Size		AWG/mm2	/	
Tightening Torque		Nm	/	

Connection Diagrams



PRP05

PRP08



AS41F Interface Relay



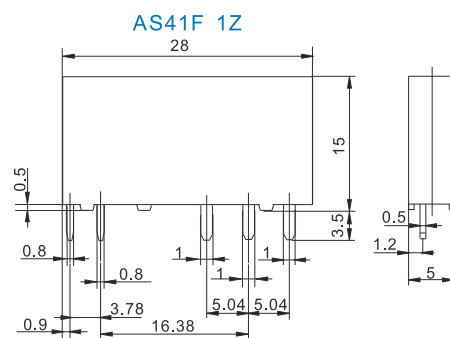
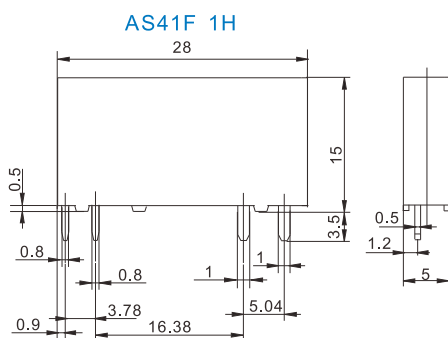
AS41F



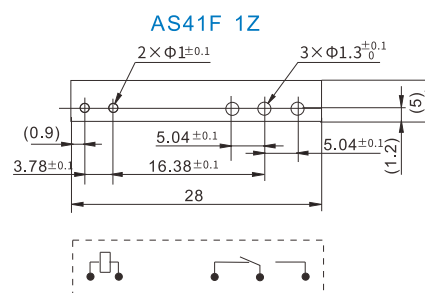
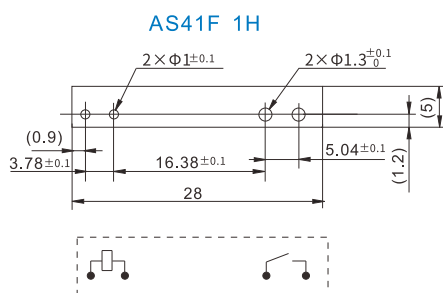
Specifications

Contact	Contact Form	1H, 1Z
	Rated Load	6A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100mΩ (1A 6VDC)
	Contact Material	AgSnO ₂ AgNi
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)
	Dielectric Strength	Between open contacts≥1000VAC/1min
		Between contact and coil≥4000VAC/1min
	Operate/Release Time	≤8ms/8ms
	Terminal Type	Plug in/PCB
Coil	Operating PowerDC	0.17W(48?60VDC 0.21W)

Dimensions (mm)



Wiring Diagrams



Features

- ◆ 5mm thickness
- ◆ rated load 6A
- ◆ surge voltage up to 4KV

Ordering Information

AS41F-	□	□	□	□
Construction	S: plastic sealed N/A: flux-proofed			
Contact Form	1Z(Z:C H:A)			
Voltage Type	D:DC			
Coil Voltage	see coil data			
Contact Material	1:AgSnO ₂ 2:AgNi			

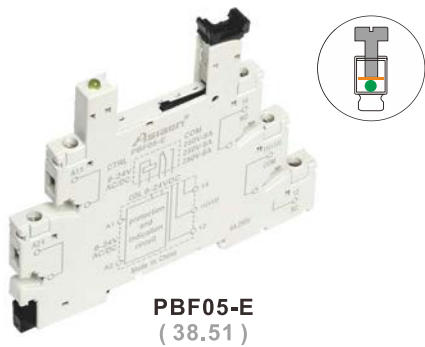
DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
5	3.75	0.25	147
6	4.5	0.3	212
9	6.75	0.45	476
12	9.0	0.6	848
18	13.5	0.9	1906
24	18.0	1.2	3390
48	36.0	2.4	10600
60	45.0	3.0	16600

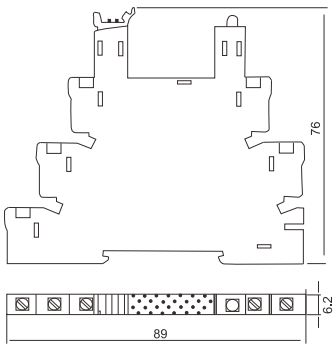
PBF05-E



Product Appearance



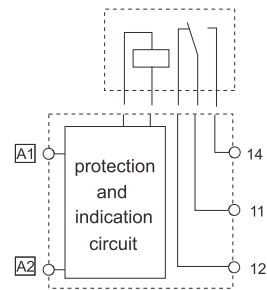
Dimensions (mm)



Specifications			
Rated Load	Current/Voltage	A/VAC	6/300
Dielectric Strength	Coil & Contacts	V/S	4000
	Between contacts	V/S	2000
Wire Size	AWG/mm2	20-16/0.5-1.5	
Tightening Torque	Nm	0.5	
Terminal Ingress Protection		IP20	

Matched Accessories			
Socket	A1.A2 Input Voltage	Relay Coil Voltage	DIN Rail
PBF05-E 6-24V	6-24VAC/DC	6-24VDC	
PBF05-E 48-60V	48-60VAC/DC	48-60VDC	
PBF05-E 110V	110VAC/DC	48VDC	
PBF05-E 230V	230VAC/DC	60VDC	

Connection Diagrams



AS20F 2-in-1 Industrial Relay



AS20F 2Z

AS20F 3Z



Specifications

Contact	Contact Form	2Z	3Z
	Rated Load	10A 250VAC/30VDC	
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂ AgNi	
Characteristics	Insulation Resistance	≥500MΩ (500VDC)	
	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil ≥1500VAC/1min	
	Operate/Release Time	≤25ms/25ms	
Coil	Terminal Type	Quick screw connection	
	Operating PowerDC/AC	1.6W/2.8VA	

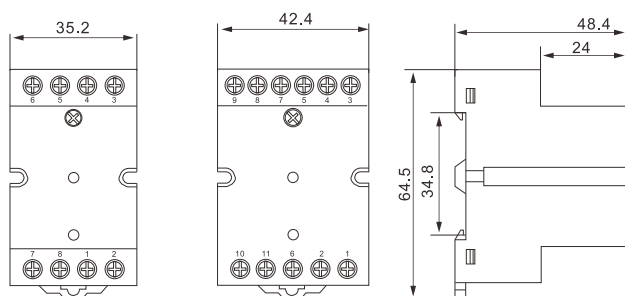
DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω ±10%
6	4.8	0.6	22.5
12	9.6	1.2	90
24	19.2	2.4	360
48	38.4	4.8	1440
100	80.0	10.0	6250
110	88.0	11.0	7560

Dimensions (mm)

AS20F 2Z

AS20F 3Z



Features

- ♦ relay and socket 2-in-1, small size, replace 13F relay
- ♦ Din-Rail installation, quick screw connection
- ♦ with press test button and LED indicator
- ♦ terminal connection as socket

Ordering Information

AS20F-					
Terminal Type					
N: quick screw connection					
Options					
L:LED D:diode					
T: press button					
Contact Form					
2Z(Z:C H:A D:B)					
3Z(Z:C H:A D:B)					
Voltage Type					
D:DC A:AC					
Coil Voltage					
see coil data					
Contact Material					
1:AgSnO ₂ 2:AgNi					



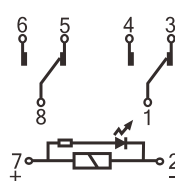
Din-Rail Mount

AC Coil Data

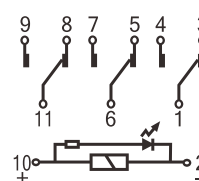
Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω ±10%
6	4.80	1.8	4.5
12	9.60	3.6	18
24	19.2	7.2	72
48	38.4	14.4	288
110/120	88.0	33.0	1650
220/240	176	66.0	6800

Wiring Diagrams

AS20F 2Z



AS20F 3Z



AS21F 2-in-1 Industrial Relay



AS21F 2Z

AS21F 3Z



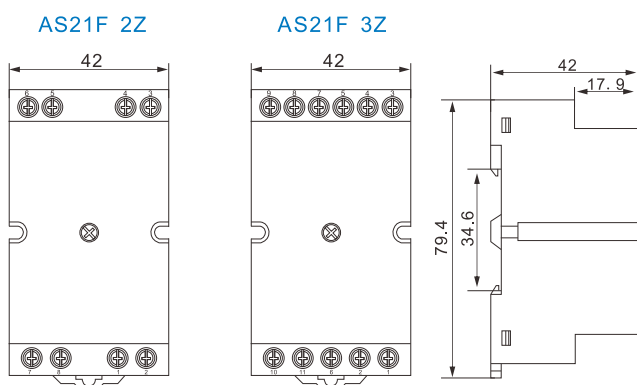
Specifications

Contact	Contact Form	2Z	3Z
	Rated Load	10A 250VAC/30VDC	
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂ AgNi	
Characteristics	Insulation Resistance	≥500MΩ (500VDC)	
	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil ≥1500VAC/1min	
	Operate/Release Time	≤25ms/25ms	
Coil	Terminal Type	Quick screw connection	
	Operating PowerDC/AC	1.6W/2.8VA	

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	22.5
12	9.6	1.2	90
24	19.2	2.4	360
48	38.4	4.8	1440
100	80.0	10.0	6250
110	88.0	11.0	7560

Dimensions (mm)



Features

- ◆ relay and socket 2-in-1, small size , replace MK relay
- ◆ Din-Rail installation, quick screw connection
- ◆ with press test button and LED indicator
- ◆ terminal connection as socket

Ordering Information

AS21F-					
Terminal Type					
N: quick screw connection					
Options					
L:LED D:diode					
T:press button					
Contact Form					
2Z(Z:C H:A D:B)					
3Z(Z:C H:A D:B)					
Voltage Type					
D:DC A:AC					
Coil Voltage					
see coil data					
Contact Material					
1:AgSnO ₂ 2:AgNi					

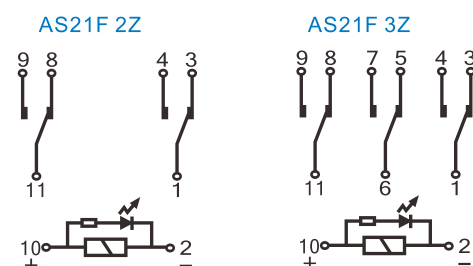


Din-Rail Mount

AC Coil Data

Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	4.5
12	9.6	3.6	18
24	19.2	7.2	72
48	38.4	14.4	288
110/120	88.0	33.0	1650
220/240	176.0	66.0	6800

Wiring Diagrams





AS38FN 3Z
(JQX-38FN-3Z 50A)



Specifications

Contact	Contact Form	2Z	3Z
	Rated Load	50A 250VAC/30VDC	
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂	
Characteristics	Insulation Resistance	≥500MΩ (500VDC)	
	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil ≥1500VAC/1min	
	Operate/Release Time	≤25ms/15ms	
Coil	Terminal Type	Quick screw connection	
	Operating PowerDC/AC	2.5W/5VA	

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	14
12	9.6	1.2	58
24	19.2	2.4	230
48	38.4	4.8	920
60	48.0	6.0	1440

Features

- ◆ relay and socket 2-in-1, small size , replace 38F relay
- ◆ Din-Rail installation, quick screw connection
- ◆ with LED indicator

Ordering Information

AS38F□-□ □ □ □ □

Terminal Type _____
N : quick screw connection

Options _____
L : LED

Contact Form _____
2Z(Z:C H:A D:B)
3Z(Z:C H:A D:B)

Voltage Type _____
D:DC A:AC

Coil Voltage _____
see coil data

Contact Material _____
1: AgSnO₂

Notes: We have 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.



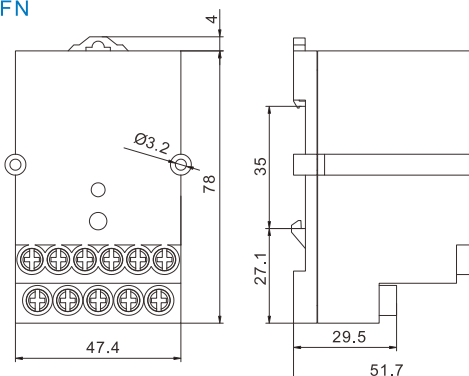
Din-Rail Mount

AC Coil Data

Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
12	9.6	3.6	10
24	19.2	7.2	40
48	38.4	14.4	160
110/120	88.0	36.0	847
220/240	176.0	72.0	3380/4030

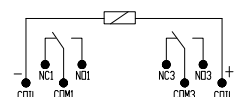
Dimensions (mm)

AS38FN

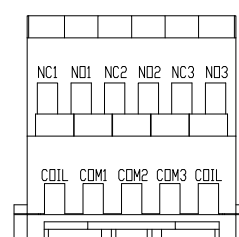
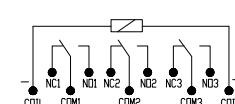


Wiring Diagrams

AS38FN 2Z



AS38FN 3Z





AS40FN 1Z
(JQX-40FN-1Z 40A)



Specifications

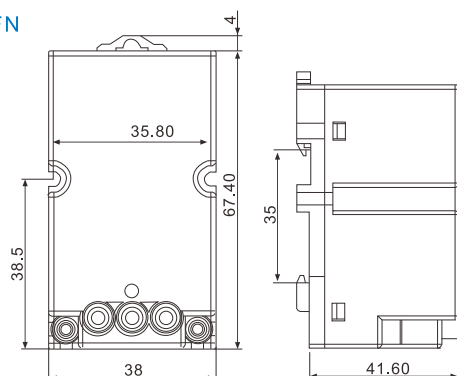
Contact	Contact Form	1Z
	Rated Load	40A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Characteristics	Insulation Resistance	≥500MΩ (500VDC)
	Dielectric Strength	Between open contacts≥1000VAC/1min
		Between poles≥1500VAC/1min
		Between contact and coil ≥1500VAC/1min
	Operate/Release Time	≤25ms/25ms
Coil	Terminal Type	Quick screw connection
	Operating PowerDC/AC	1.5W/2.5VA

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	24
12	9.6	1.2	96
24	19.2	2.4	384
48	38.4	4.8	1540
60	48.0	6.0	2400
110	88.0	11.0	8060

Dimensions (mm)

AS40FN



Features

- small size , replace 52F relay
- Din-Rail installation, quick screw connection
- with LED indicator

Ordering Information

AS40F	□	□	□	□	□
Terminal Type	N: quick screw connection				
Options	L:LED D:diode				
Contact Form	1Z(Z:C H:A D:B)				
Voltage Type	D:DC A:AC				
Coil Voltage	see coil data				
Contact Material	1: AgSnO ₂				

Notes: We have 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.

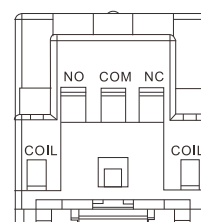


Din-Rail Mount

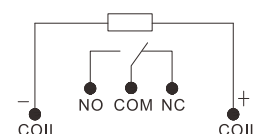
AC Coil Data

Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
12	9.6	3.6	20
24	19.2	7.2	80
48	38.4	14.4	320
110	88.0	36.0	1700
220/240	176.0	72.0	6770/8060

Wiring Diagrams



AS40FN 1Z





AS59FN 1Z
(JQX-59FN-1Z 80A)



Specifications

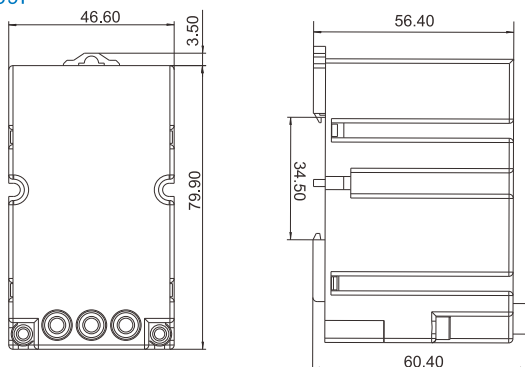
Contact	Contact Form	1Z
	Rated Load	80A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)
	Dielectric Strength	Between open contacts≥1000VAC/1min
		Between poles≥1500VAC/1min
		Between contact and coil ≥1500VAC/1min
	Operate/Release Time	≥25ms/25ms
Coil	Terminal Type	Quick screw connection
	Operating PowerDC/AC	3.6W/4.4VA

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	10
12	9.6	1.2	40
24	19.2	2.4	160
48	38.4	4.8	640
110	88.0	11.0	3360

Dimensions (mm)

AS59F



Features

- ♦ small size , replace 59F relay
- ♦ Din-Rail installation, quick screw connection
- ♦ with LED indicator
- ♦ rated load, 1Z 80A

Ordering Information

Terminal Type& Mount Options

N: quick screw connection NS:flange mount

Options

L:LED D: diode

Contact Form

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

Voltage Type

D:DC A:AC

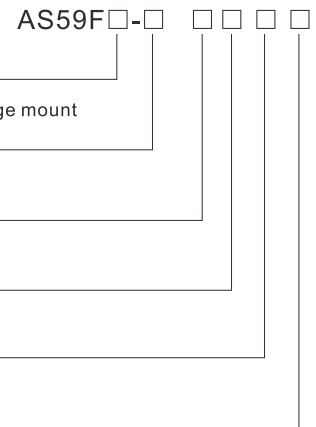
Coil Voltage

see coil data

Contact Material

1: AgSnO₂

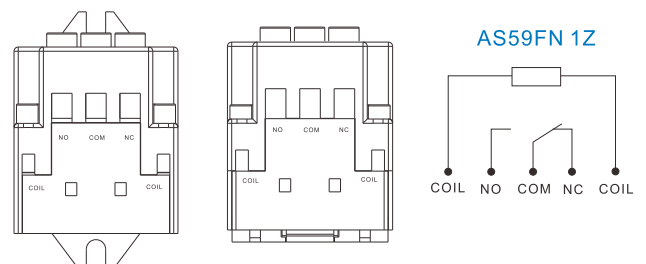
Notes:We has now gradually updated our ordering information. We suggest new type should be selected. If necessary, old type can be kept for some period for the old customers.



AC Coil Data

Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	8.2
12	9.6	3.6	32.7
24	19.2	7.2	130
48	38.4	14.4	524
220/240	176.0	72.0	11000/13090

Wiring Diagrams





AS60FN
(JQX-60FN-1Z 60A)



Specifications

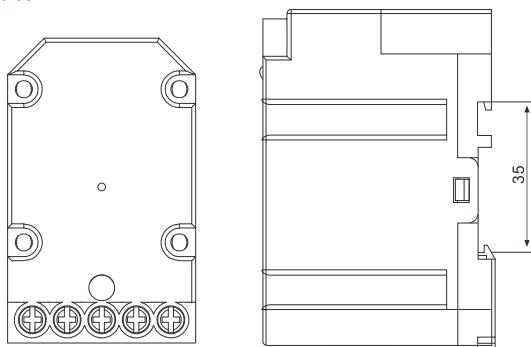
Contact	Contact Form	1Z
	Rated Load	60A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)
	Dielectric Strength	Between open contacts≥1000VAC/1min
		Between poles≥1500VAC/1min
		Between contact and coil ≥2500VAC/1min
	Operate/Release Time	≤25ms/25ms
Coil	Terminal Type	Quick screw connection
	Operating PowerDC/AC	2.0W/4VA

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	18
12	9.6	1.2	70
24	19.2	2.4	290
48	38.4	4.8	1150
60	48.0	6.0	1800
110	88.0	11.0	6050

Dimensions (mm)

AS60FN



Features

- ◆ small size , replace 60F relay
- ◆ Din-Rail installation, quick screw connection
- ◆ with LED indicator
- ◆ high rated Load, 1Z 60A

Ordering Information

AS60F□-□□□□□

Terminal Type _____
N: quick screw connection

Options _____
L:LED D:diode

Contact Form _____
2Z(Z:C H:A D:B)

Voltage Type _____
D:DC A:AC

Coil Voltage _____
see coil data

Contact Material _____
1: AgSnO₂

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.

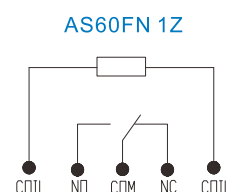
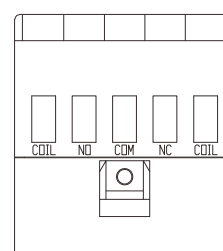


Din-Rail Mount

AC Coil Data

Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	9
12	9.6	3.6	36
24	19.2	7.2	144
48	38.4	14.4	576
110	88.0	36.0	3025
220/240	176.0	72.0	12000/14400

Wiring Diagrams





AS62FD 1Z
(JQX-62FD-1Z 80A)



Specifications

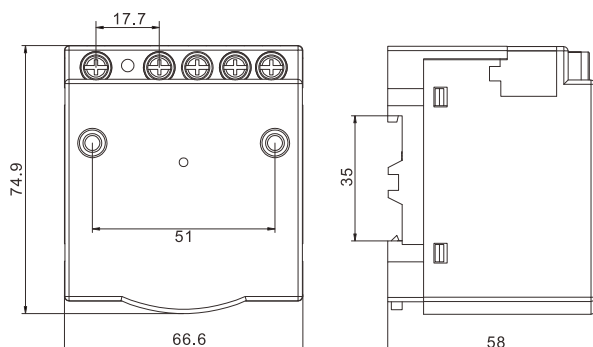
Contact	Contact Form	1Z
	Rated Load	80A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)
	Dielectric Strength	Between open contacts ≥1000VAC/1min Between contact and coil ≥2500VAC/1min
	Operate/Release Time	≤ 25ms/25ms
	Terminal Type	Quick screw connection
	Coil Operating PowerDC/AC	2.0W/4VA

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	18
12	9.6	1.2	70
24	19.2	2.4	290
48	38.4	4.8	1150
60	48.0	6.0	1800
110	88.0	11.0	6050

Dimensions (mm)

AS62FD 1Z



Features

- ◆ small size , replace 62F relay
- ◆ Din-Rail installation, quick screw connection
- ◆ with LED indicator
- ◆ high rated load 1Z 80A

Ordering Information

Terminal Type

N: quick screw connection

Options

N/A

Contact Form

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

Voltage Type

D:DC A:AC

Coil Voltage

see coil data

Contact Material

1: AgSnO₂

Notes: We have 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.

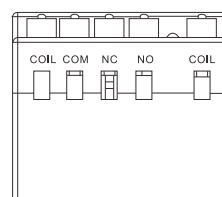


Din-Rail Mount

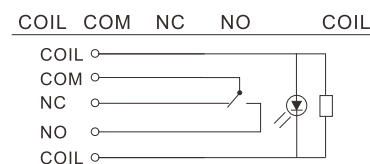
AC Coil Data

Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	9
12	9.6	3.6	36
24	19.2	7.2	144
48	38.4	14.4	576
110	88.0	36.0	3025
220/240	176.0	72.0	12000/14400

Wiring Diagrams



AS62FD 1Z





AS62FN 1Z
(JQX-62FN 1Z 120A)

AS62FN 2Z
(JQX-62FN 2Z 80A)



Specifications

Contact	Contact Form	1Z	2Z
	Rated Load	120A 250VAC/30VDC	80A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂	
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)	
	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil ≥2500VAC/1min	
	Operate/Release Time	≤ 25ms/25ms	
Coil	Terminal Type	Quick screw connection	
	Operating PowerDC/AC	2.0W/4VA	

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	18
12	9.6	1.2	70
24	19.2	2.4	290
48	38.4	4.8	1150
60	48	6	1800
110	88.0	11.0	6050

Features

- ♦ Automatic switch between electric supply and generators
- ♦ Din-Rail installation, quick screw connection
- ♦ with LED indicator
- ♦ high rated load 2Z 80A;1Z 120A

Ordering Information

AS62F	□	□	□	□	□
Terminal Type	N: quick screw connection				
Options	L:LED D: diode				
Contact Form	1Z(Z:C H:A D:B) 2Z(Z:C H:A D:B)				
Voltage Type	D:DC A:AC				
Coil Voltage	see coil data				
Contact Material	1: AgSnO ₂				

Notes: We have 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.



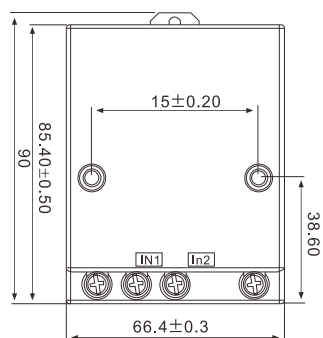
Din-Rail Mount

AC Coil Data

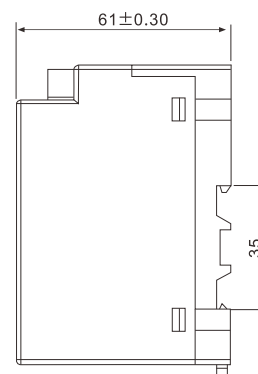
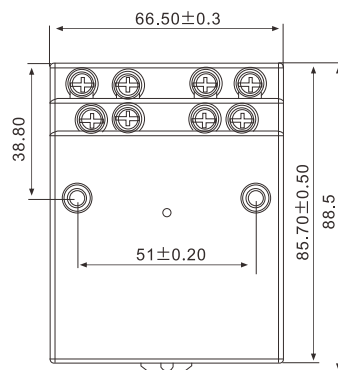
Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	9
12	9.6	3.6	36
24	19.2	7.2	144
48	38.4	14.4	576
110	88	36	3025
220/240	176.0	72.0	12000/14400

Dimensions (mm)

AS62FN 1Z

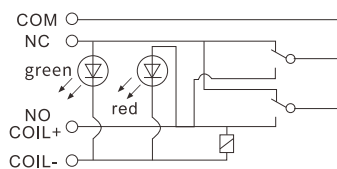
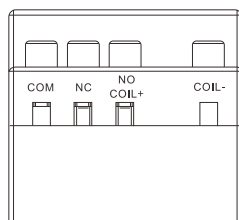


AS62FN 2Z

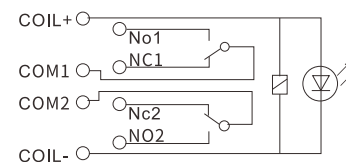
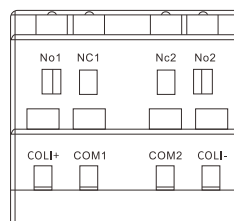


Wiring Diagrams

AS62FN 1Z 120A



AS62FN 2Z 80A





AS62FA 2Z



Specifications

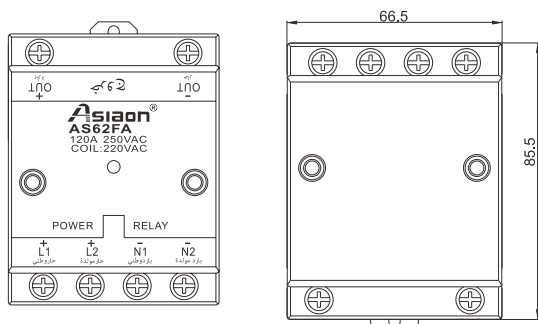
Contact	Contact Form	2Z
	Rated Load	120A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)
	Dielectric Strength	Between open contacts≥1000VAC/1min Between contact and coil≥2500VAC/1min
	Operate/Release Time	≤40ms/25ms
	Terminal Type	Quick screw connection
	Coil Operating PowerDC/AC	2.0W/4VA

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	18
12	9.6	1.2	70
24	19.2	2.4	290
48	38.4	4.8	1150
60	48.0	6.0	1800
110	88.0	11.0	6050

Dimensions (mm)

AS62FA 2Z



Features

- ◆ Automatic switch between electric supply and generators
- ◆ Din-Rail installation, quick screw connection
- ◆ with LED indicator

Ordering Information

AS62FA-□□□□□□	
Terminal Type	_____
N: quick screw connection	_____
Options	_____
L: LED	_____
Contact Form	_____
2Z(Z:C H:A D:B)	_____
Voltage Type	_____
D:DC A:AC	_____
Coil Voltage	_____
see coil data	_____
Contact Material	_____
1: AgSnO ₂	_____

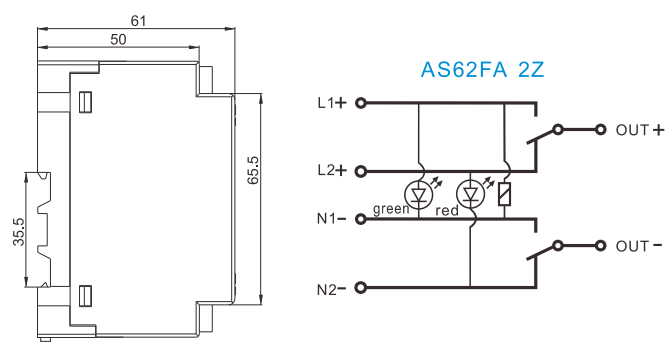


Din-Rail Mount

AC Coil Data

Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	9
12	9.6	3.6	36
24	19.2	7.2	144
48	38.4	14.4	576
110	88.0	36.0	3025
220/240	176.0	72.0	12000/14400

Wiring Diagrams





AS12F-BM 1Z
(JQX50F)



Specifications

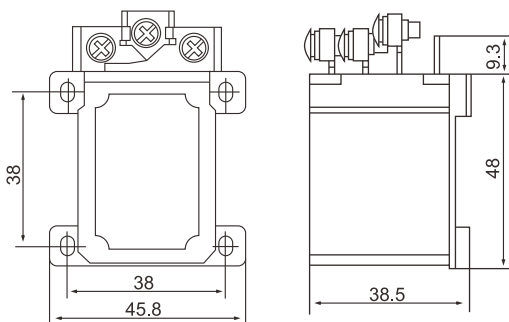
Contact	Contact Form	1Z
	Rated Load	40A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)
	Dielectric Strength	Between open contacts≥1000VAC/1min
		Between contact and coil≥2500VAC/1min
	Operate/Release Time	≤25ms/25ms
	Terminal Type	screw connection
Coil	Operating PowerDC/AC	2. 5W/4VA

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	14.4
12	9.6	1.2	57.6
24	19.2	2.4	230
48	38.4	4.8	920
60	48.0	6.0	1440
110	88.0	11.0	4840

Dimensions (mm)

AS12F-BM 1Z



Features

- ◆ metal plate mount

Ordering Information

AS12F-□□□□□□□□	
Terminal Type & Mount Options	BM: screw terminal & metal plate mount
Options	N/A
Contact Form	1Z(Z:C H:A D:B)
Voltage Type	D:DC A:AC
Coil Voltage	see coil data
Contact Material	1: AgSnO ₂

Notes: We have 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.



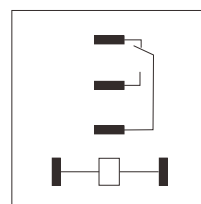
Metal Plate Mount

AC Coil Data

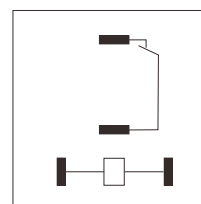
Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
12	9.6	3.6	12.6
24	19.2	7.2	50.4
48	38.4	14.4	200
110	88.0	36.0	1060
220/240	176.0	72.0	4230

Wiring Diagrams

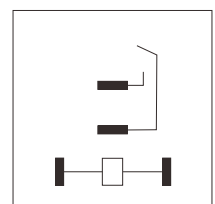
AS12F-BM 1Z



AS12F-BM 1H



AS12F-BM 1D





AS12F-IM 2Z
(JQX-12F)



Specifications

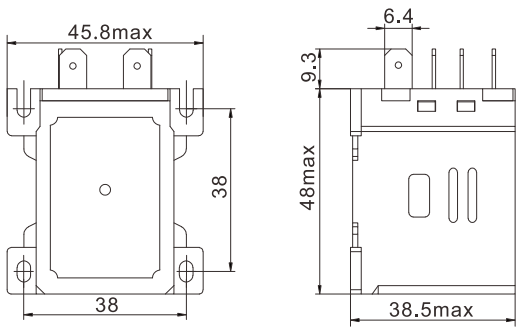
Contact	Contact Form	2Z
	Rated Load	30A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)
	Dielectric Strength	Between open contacts≥1000VAC/1min
		Between poles≥1500VAC/1min
		Between contact and coil≥2500VAC/1min
	Operate/Release Time	≤25ms/25ms
Coil	Terminal Type	Wire/ Quick connection
	Operating PowerDC/AC	2.5W/4VA

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropout Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	14.4
12	9.6	1.2	57.6
24	19.2	2.4	230
48	38.4	4.8	920
60	48.0	6.0	1440

Dimensions (mm)

AS12F-IM 2Z



Features

- metal plate mount

Ordering Information

AS12F-□ □ □ □ □ □

TerminalType &Mount Options _____

IM: wire connection& metal plate mount

Options _____

N/A

Contact Form _____

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

Voltage Type _____

D:DC A:AC

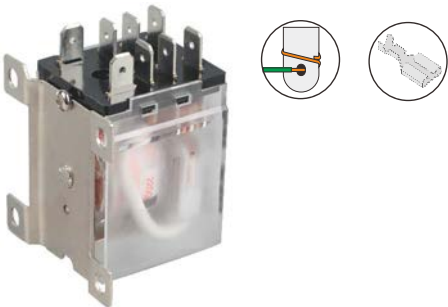
Coil Voltage _____

see coil data

Contact Material _____

1: AgSnO₂

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.

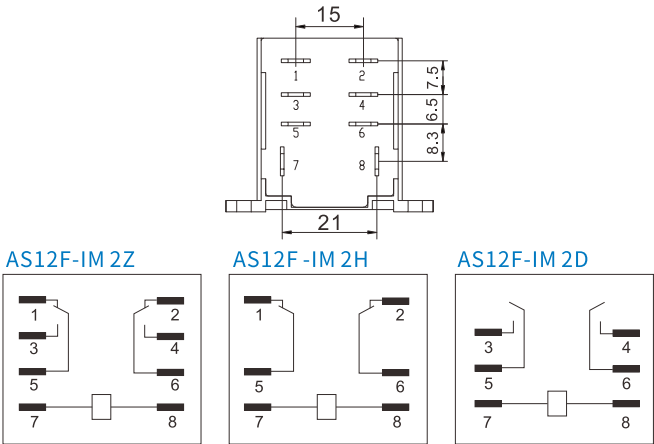


Metal Plate Mount

AC Coil Data

Rated Voltage VAC	Pickup Voltage VAC	Dropout Voltage VAC	Coil Resistance Ω±10%
12	9.6	3.6	12.6
24	19.2	7.2	50.4
48	38.4	14.4	200
110	88.0	36.0	1060
220/240	176.0	72.0	4230

Wiring Diagrams





AS30F 2Z
(JQX-30F)

AS30FS 2Z
(JQX-30FS)



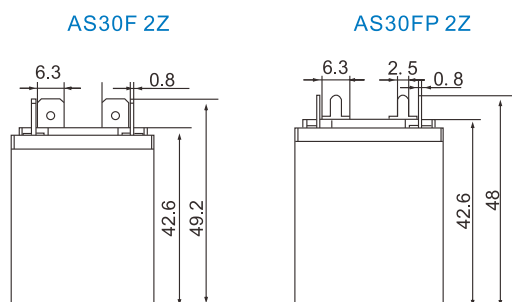
Specifications

Contact	Contact Form	2Z
	Rated Load (Resistive property)	30A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)
	Dielectric Strength	Between open contacts≥1000VAC/1min
		Between poles≥1500VAC/1min
		Between contact and coil≥4000VAC/1min
	Operate/Release Time	≤25ms/25ms
Coil	Terminal Type	Wire/Quick connection
	Operating PowerDC/AC	2.5W/2.5VA

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	14
12	9.6	1.2	58
24	19.2	2.4	230
48	38.4	4.8	920
60	48.0	6.0	1440
110	88.0	11.0	4840

Dimensions (mm)



Features

- ♦ with ventilation holes

Ordering Information

AS30F	-				
Mount Options					
N/A:wire/quick connection S: flange					
P:PCB					
Options					
N/A					
Contact Form					
2Z(Z:A H:A D:B)					
Voltage Type					
D:DC A:AC					
Coil Voltage					
see coil data					
Contact Material					
1:AgSnO ₂ 2:AgNi					

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.



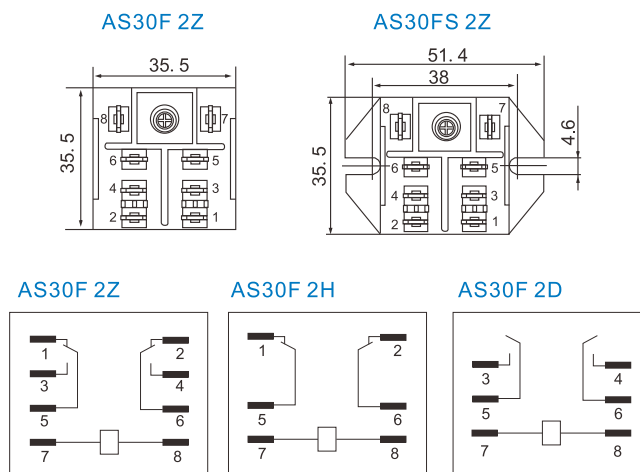
Wire/Quick connection



AC Coil Data

Rated Voltage VAC	Pickup Voltage VAC	Dropoff Voltage VAC	Coil Resistance Ω±10%
12	9.6	3.6	20
24	19.2	7.2	80
48	38.4	14.4	320
110	88.0	36.0	1700
220/240	176.0	72.0	6770

Wiring Diagrams





AS38F 2Z
(JQX-38F 2Z)

AS38F 3Z
(JQX-38F 3Z)



Specifications

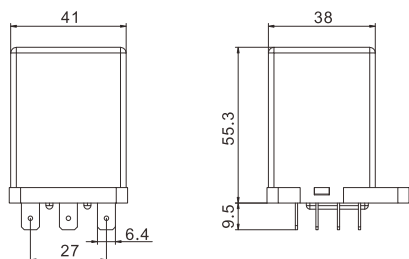
	Contact Form	2Z	3Z
	Rated Load (Resistive property)	40A 250VAC/ 30VDC 30A 250VAC/30VDC	
Contact	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂	
	Insulation Resistance	≥1000MΩ (500VDC)	
Characteristics	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil≥2500VAC/1min	
	Operate/Release Time	≤25ms/25ms	
	Terminal Type	Wire/Quick connection	
Coil	Operating PowerDC/AC	2.5W/5VA	

DC Coil Data

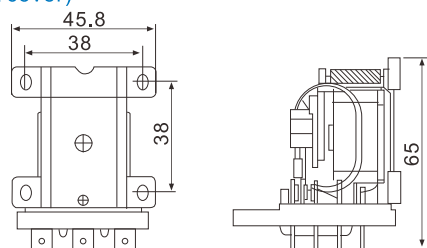
Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
12	9.6	1.2	57
24	19.2	2.4	230
48	38.4	4.8	920
60	48.0	6.0	1440

Dimensions (mm)

AS38F



AS38(without cover)



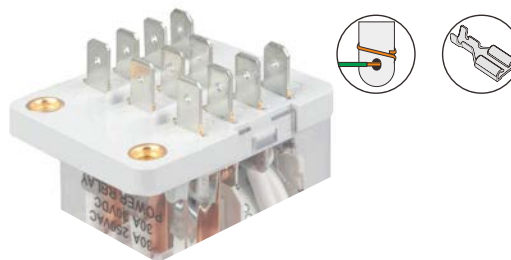
Features

- ◆ with screw mount board
- ◆ two kinds of load: Level A 40A, Level B 30A

Ordering Information

	AS38F	-					
Mount Options							
N/A: wire/quick connection							
Options							
N/A							
Contact Form							
2Z(Z:A H:A D:B)							
3Z(Z:A H:A D:B)							
Voltage Type							
D:DC A:AC							
Coil Voltage							
see coil data							
Contact Material							
1:AgSnO ₂							

Notes: We have 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.

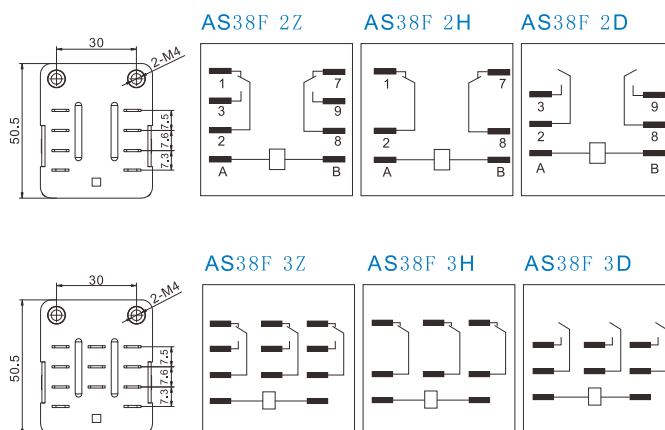


Wire/Quick connection

AC Coil Data

Rated Voltage VAC	Pickup Voltage VAC	Dropoff Voltage VAC	Coil Resistance Ω±10%
12	9.6	3.6	10
24	19.2	7.2	40.3
110	88.0	36.0	847
220/240	176.0	72.0	3700

Wiring Diagrams





AS38FV 2Z
(JQX-38FV 2Z)



AS38FV 3Z
(JQX-38FV 3Z)



Specifications

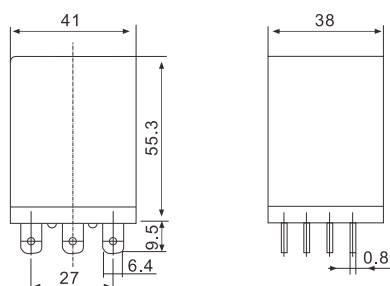
Contact	Contact Form	2Z	3Z
	Rated Load (Resistive property)	40A 250VAC/30VDC ; 30A 250VAC/30VDC	
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂	
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)	
	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil≥2500VAC/1min	
	Operate/Release Time	≤25ms/25ms	
Coil	Terminal Type	plug in/wire/quick connectio	
	Operating PowerDC/AC	2. 5W/5VA	

DC Coil Data

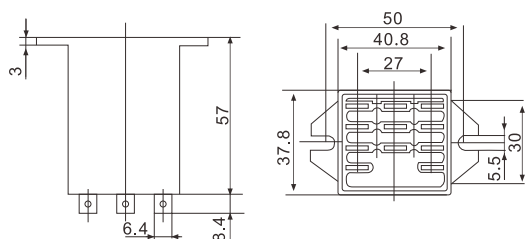
Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
12	9.6	1.2	57
24	19.2	2.4	230
48	38.4	4.8	920
60	48.0	6.0	1440

Dimensions (mm)

AS38FV



AS38FVS(flange mount)



Features

- ♦ flange mount cover available
- ♦ two kinds of rated load: Level A 40A, Level B 30A
- ♦ matched sockets PIF□A

Ordering Information

AS38FV□-□□□□□

Mount Options _____
N/A: plug in/wire/quick connection S: flange

Options _____
N/A

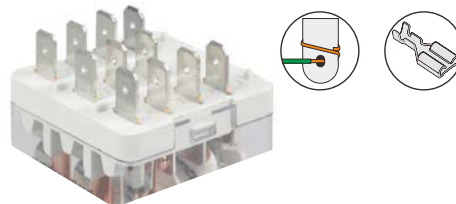
Contact Form _____
2Z(Z:A H:A D:B)
3Z(Z:A H:A D:B)

Voltage Type _____
D:DC A:AC

Coil Voltage _____
see coil data

Contact Material _____
1: AgSnO₂

Notes: We have 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.

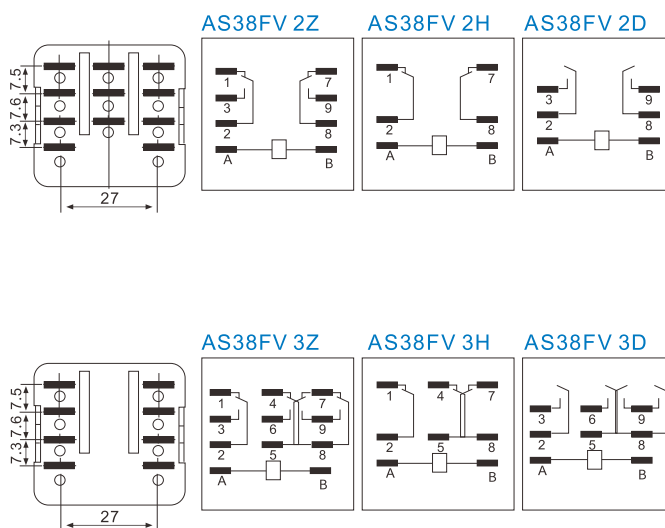


Wire/Quick connection

AC Coil Data

Rated Voltage VAC	Pickup Voltage VAC	Dropoff Voltage VAC	Coil Resistance Ω±10%
12	9.6	3.6	10
24	19.2	7.2	40.3
110	88.0	36.0	847
220/240	176.0	72.0	3700

Wiring Diagrams



PIF Series Sockets

PIF□□A

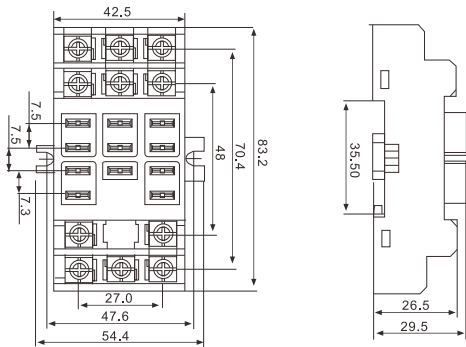


Appearance



PIF□□A
(PT38F-□□)

Dimensions (mm)

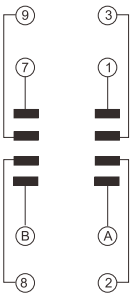


PIF08A/11A

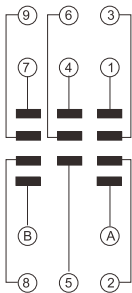
Specifications

Rated Load	Current/Voltage	A/VAC	40/300
Dielectric Strength	Coil&Contacts	V/S	2000
	Between Contacts	V/S	2000
Wire Size	AWG/mm2	20-14/0.5-2.5	
Tightening Torque	Nm	1.0	

Connection Diagrams



PIF08A

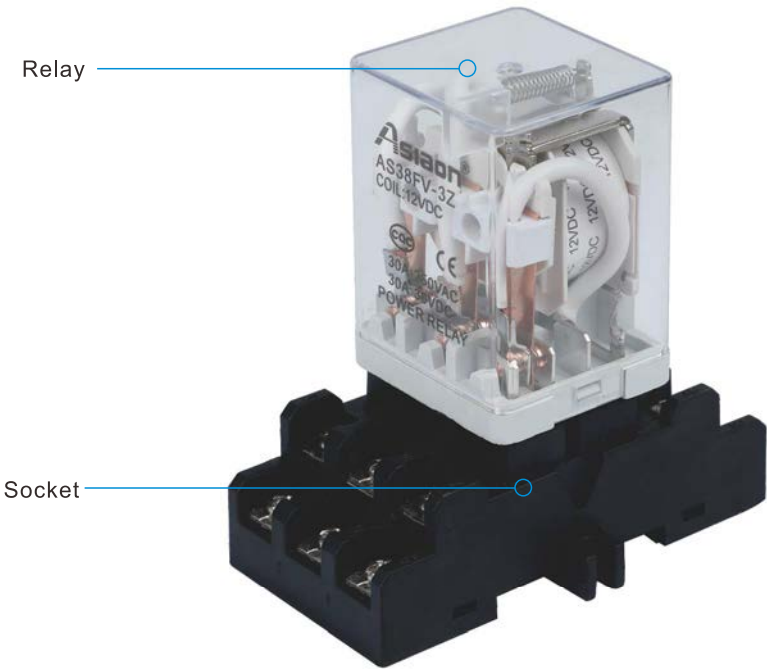


PIF11A

Matched accessories

Socket	Clip	Module	DIN Rail
PEF08A	/	/	
PEF11A			

combination





AS52F-BM 1Z
(JQX-40F 1Z)



AS52F-BP 1Z
(JQX-52F 1Z)



AS52F-IP 2Z
(JQX-52F 2Z)



Specifications

Contact	Contact Form	1Z	2Z
	Rated Load (Resistive property)	40A 250VAC/30VDC	
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂	
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)	
	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil≥2500VAC/1min	
	Operate/Release Time	≤25ms/25ms	
Coil	Terminal Type	Screw/Wire	
	Operating PowerDC/AC	2.0W/2.5VA	

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	18
12	9.6	1.2	72
24	19.2	2.4	288
48	38.4	4.8	1150
60	48.0	6.0	1800
110	88.0	11.0	6050

Features

- ♦ two kinds of mount plate: metal or plastic
- ♦ two types of terminal: screw or wire

Ordering Information

AS52F-					
Terminal Type& Mount Options					
BM:screw terminal & metal plate mount					
BP:screw terminal & plastic plate mount					
IP:wire connection & plastic plate mount					
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 ₂					

Notes: We have 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.



AS52F-BP1Z
Plastic Plate Mount



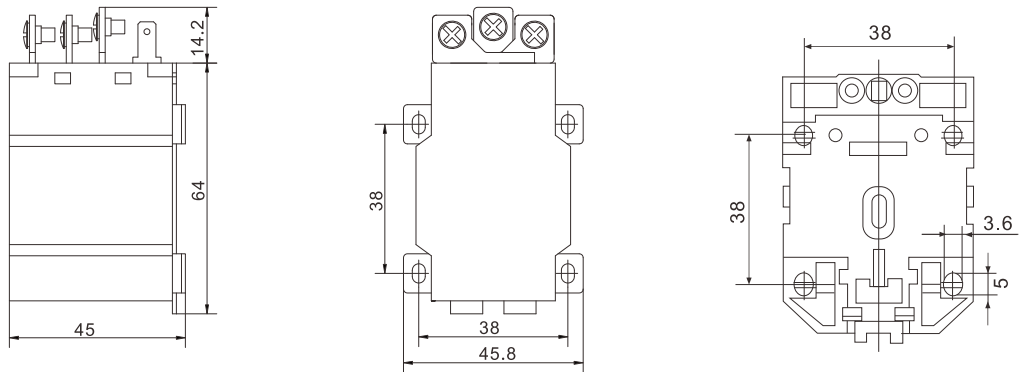
AS52F-BM1Z
Metal Plate Mount

AC Coil Data

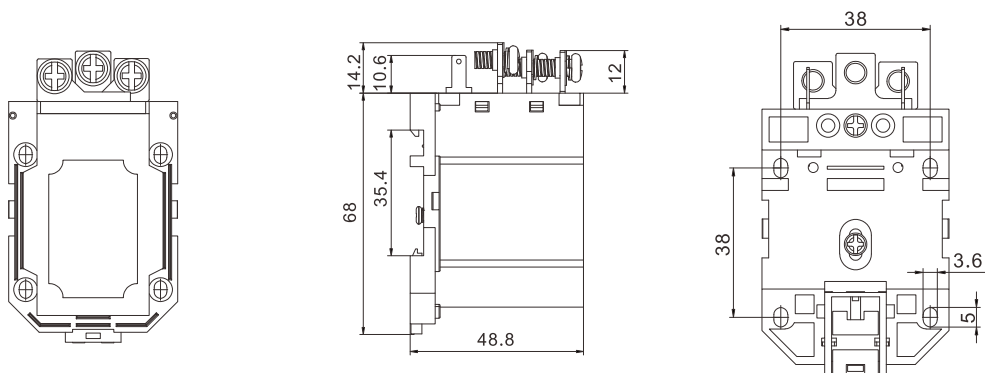
Rated Voltage VAC	Pickup Voltage VAC	Dropoff Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	14.4
12	9.6	3.6	57
24	19.2	7.2	230
48	38.4	14.4	921
110	88.0	36.0	5000
220/240	176.0	72.0	19400/23070

Dimensions (mm)

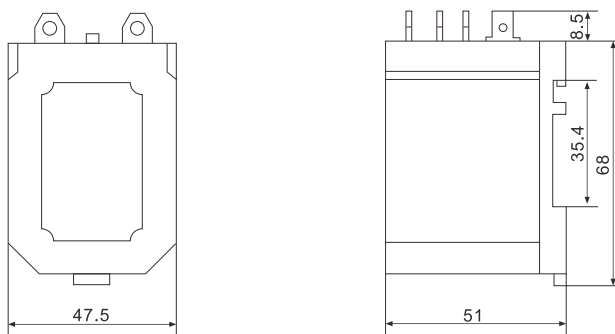
AS52F-BM 1Z



AS52F-BP 1Z

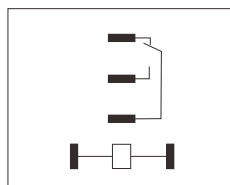


AS52F-IP 2Z

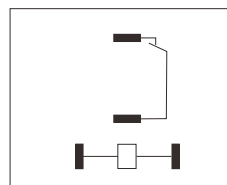


Wiring Diagrams

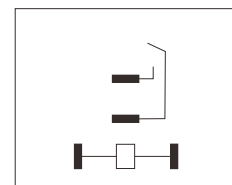
AS52F 1Z



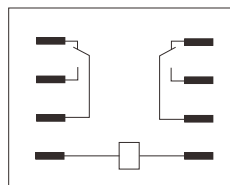
AS52F 1H



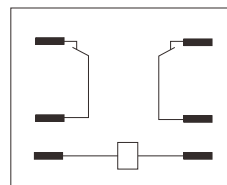
AS52F 1D



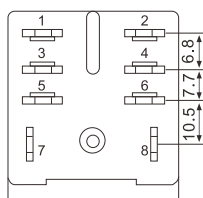
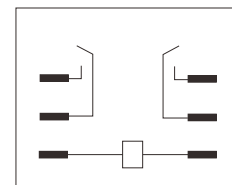
AS52F 2Z



AS52F 2H



AS52F 2D





AS53F
(JQX-53F)

AS53FS
(JQX-53FS)

AS53F-LT
(JQX-53F-N-S)



Specifications

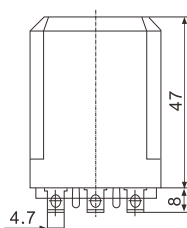
Contact Form	2Z	3Z
Rated Load (Resistive property)	10A 277VAC/30VDC 16A 277VAC/30VDC 25A 277VAC/30VDC	
Contact	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
	Insulation Resistance	≥1000MΩ (500VDC)
Characteristics	Dielectric Strength	
	Between open contacts≥1000VAC/1min	
	Between poles≥1500VAC/1min	
	Between contact and coil≥2500VAC/1min	
	Operate/Release Time	≤25ms/25ms
	Terminal Type	Plug/Wire/Quick Connection
Coil	Operating PowerDC/AC	10A/16A:1.2W/2.5VA 25A:1.5W/2.5VA

DC Coil Data

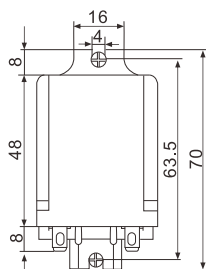
Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance (Ω±10%)	
			1.2W	1.5W
12	9.6	1.2	120	96
24	19.2	2.4	480	380
48	38.4	4.8	1920	1540
60	48.0	6.0	3000	2400
120	82.3	11.6	12000	9600

Dimensions (mm)

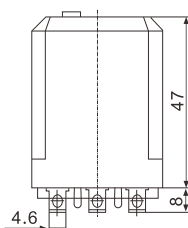
AS53F



AS53FS



AS53F-LT



Features

- ◆ flange mount cover available
- ◆ with press test button
- ◆ matched sockets PEF□A

Ordering Information

Mount Options

N/A: plug in S: flange

Options

L:LED indicator T:press test button

Contact Form

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

3Z(Z:A H:A D:B)

Voltage Type

D:DC A:AC

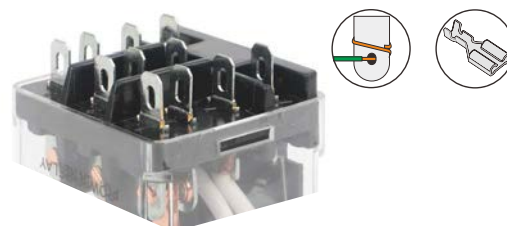
Coil Voltage

see coil data

Contact Material

1:AgSnO₂

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.



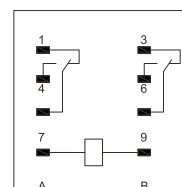
Plug/Wire/Quick Connection

AC Coil Data

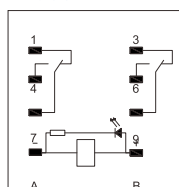
Rated Voltage VAC	Pickup Voltage VAC	Dropoff Voltage VAC	Coil Resistance (Ω±10%)
12	9.6	3.6	20
24	19.2	7.2	81
48	38.4	14.4	320
120	88.0	36.0	2000
220	176.0	72.0	6700

Wiring Diagrams

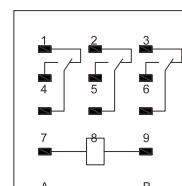
AS53F 2Z



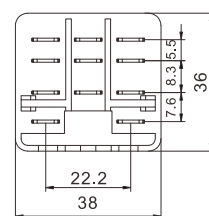
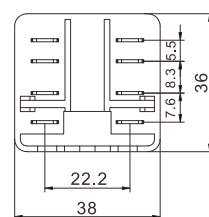
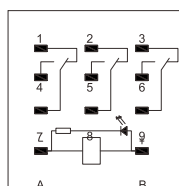
AS53F-LT 2Z



AS53F 3Z



AS53F-LT 3Z



PEF□□A



Appearance



PEF□□A
(PT53F-□□A)

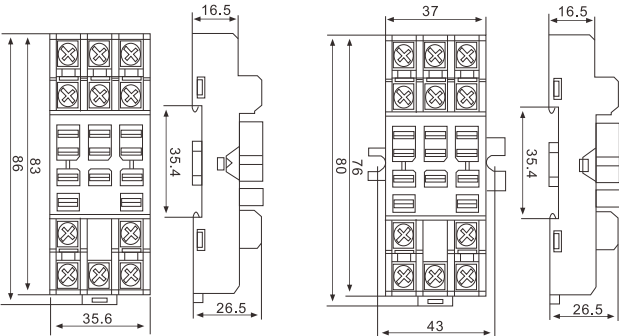
Specifications

Rated Load	Current/Voltage	A/VAC	16?25/300
Dielectric Strength	Coil/Contact spacing	V/S	2000
	Contact intervals	V/S	2000
Wire Size		AWG/mm2	20-14/0.5-2.5
Tightening Torque		Nm	1.0

Matched accessories

Socket	Clip	Module	DIN Rail
PEF08A	K-53	/	
PEF11A			

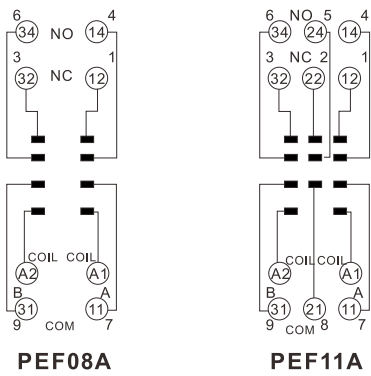
Dimensions (mm)



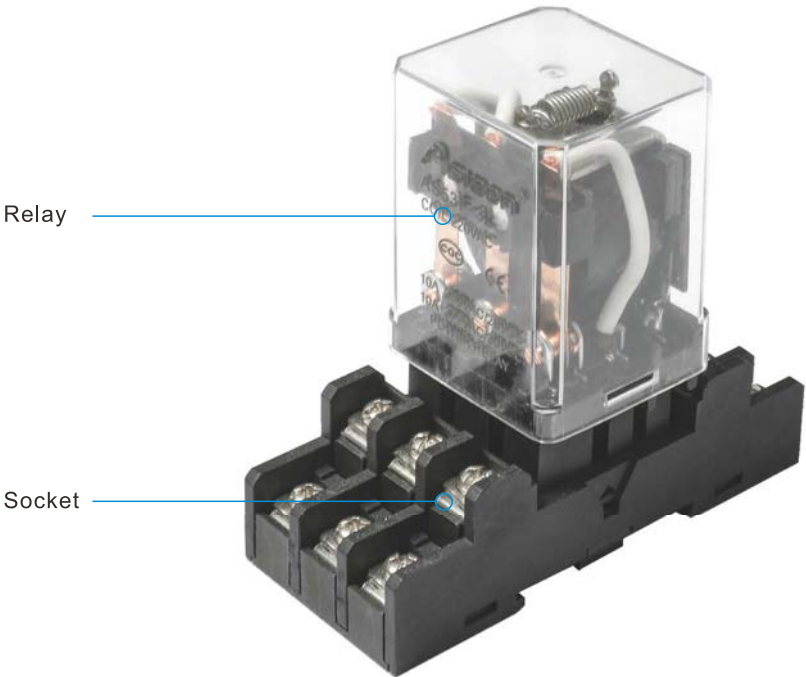
PEF08A/11A-16A

PEF11A-25A

Connection Diagrams



combination





AS59F-BS 1Z
(JQX-59F 1Z)



AS59F-BS 1Z 100A
(JQX-120F 1Z)



AS59F-BM 2Z
(JQX-59F 2Z)



AS59F-BS 2Z
(JQX-59FS 2Z 60A)

Features

- ◆ two kinds of mount options: flange or metal plate
- ◆ 2Z with connector becomes 1Z, rated load reach 100A max

Ordering Information

AS59F-

Mount Options _____
BS:screw terminal& flange mount
BM:screw terminal& metal plate mount

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:AgSnO₂

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.



Specifications

Contact	Contact Form	1Z	2Z
	Rated Load (Resistive property)	80A.100A 250VAC/30VDC	80A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂	
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)	
	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil≥2500VAC/1min	
	Operate/Release Time	≤25ms/25ms	
Terminal Type		Screw	
Coil	Operating PowerDC/AC	3.6W/4.4VA	

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	10
12	9.6	1.2	40
24	19.2	2.4	160
48	38.4	4.8	640
110	88.0	11.0	3360

AC Coil Data

Rated Voltage VAC	Pickup Voltage VAC	Dropoff Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	8.2
12	9.6	3.6	32.7
24	19.2	7.2	130
48	38.4	14.4	523.6
220/240	176.0	72.0	11000/13090



AS59F-BM 1Z 100A
(JQX-120F 1Z)



AS59F-BM 2Z
Metal Plate Mount

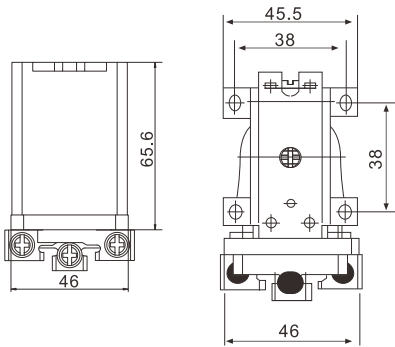


Connector

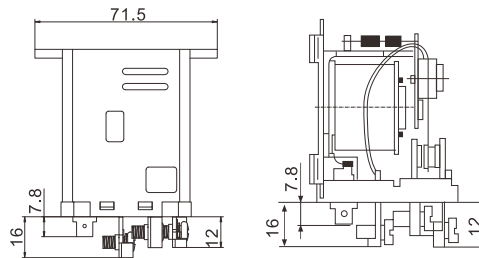


Dimensions (mm)

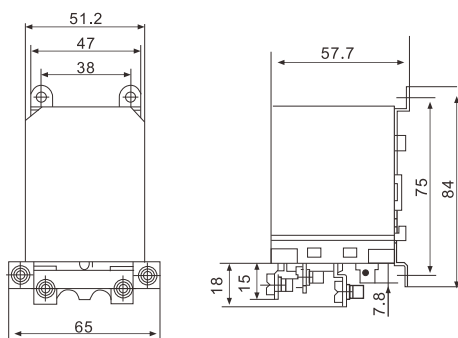
AS59F-BS 1Z



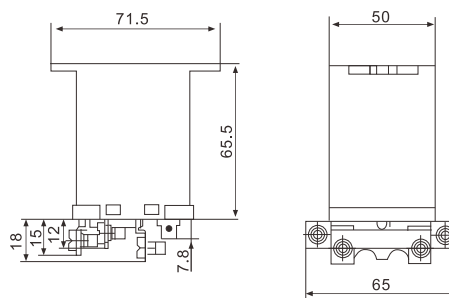
AS59F-BS 1Z 100A



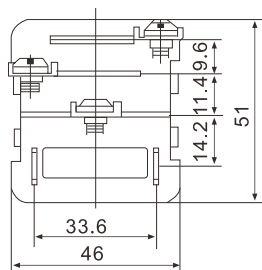
AS59F-BM 2Z



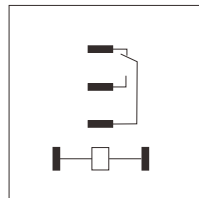
AS59F-BS 2Z



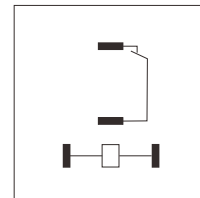
Wiring Diagrams



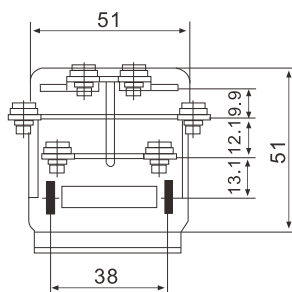
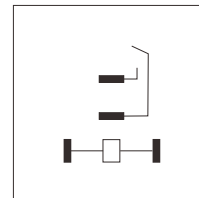
AS59F 1Z



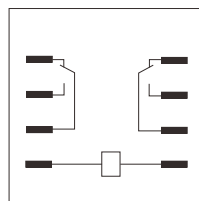
AS59F 1H



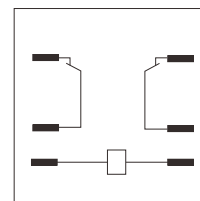
AS59F 1D



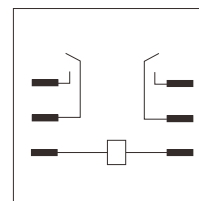
AS59F 2Z



AS59F 2H



AS59F 2D





AS60F-BP 1Z
(JQX-58F)

AS60F-BM 1Z
(JQX-60F)



Specifications

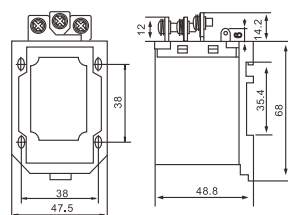
Contact	Contact Form	1Z?1H?1D
	Rated Load (Resistive property)	60A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100MΩ (1A 6VDC)
Characteristics	Contact Material	AgSnO ₂
	Insulation Resistance	≥1000MΩ (500VDC)
	Dielectric Strength	Between open contacts≥1000VAC/1min Between contact and coil≥2500VAC/1min
	Operate/Release Time	≤25ms/25ms
Coil	Terminal Type	Screw
	Operating PowerDC/AC	2.0W/2.5VA

DC Coil Data

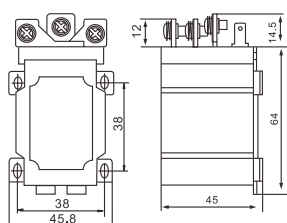
Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	18
12	9.6	1.2	72
24	19.2	2.4	288
48	38.4	4.8	1150
60	48	6	1800
110	88.0	11.0	6050

Dimensions (mm)

AS60FBP 1Z



AS60FBM 1Z



Features

- ◆ two kinds of mount options: metal or plastic

Ordering Information

Terminal Type& Mount Options

Bp: screw terminal& plastic plate mount
Bm: screw terminal& metal plate mount

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: AgSnO₂

Notes: We have 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.



AS60F-BP 1Z
Plastic Plate Mount



AS60F-BM 1Z
Metal Plate Mount

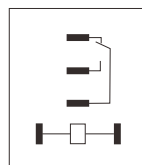


AC Coil Data

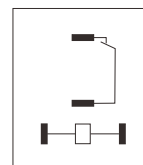
Rated Voltage VAC	Pickup Voltage VAC	Dropoff Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	14.4
12	9.6	3.6	57
24	19.2	7.2	230
48	38.4	14.4	921
110	88	36	5000
220/240	176.0	72.0	19400/23070

Wiring Diagrams

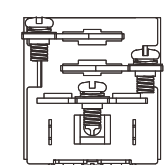
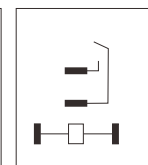
AS60F 1Z



AS60F 1H



AS60F 1D





AS62F 1Z
(JQX-62F 1Z 80A)

AS62F 2Z
(JQX-62F 2Z 80A)



Specifications

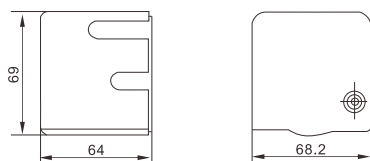
		1Z	2Z
Contact	Contact Form	1Z	2Z
	Rated Load (Resistive property)	80A.120A 250VAC/30VDC	
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂	
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)	
	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil≥2500VAC/1min	
	Operate/Release Time	≤40ms/25ms	
Coil	Terminal Type	Screw	
	Operating PowerDC/AC	80A:DC2.0W/AC4VA 120A:DC2.0W/AC4VA	

DC Coil Data

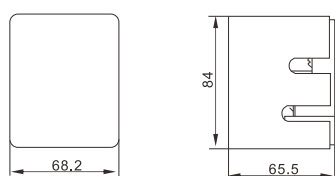
Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	18
12	9.6	1.2	70
24	19.2	2.4	290
48	38.4	4.8	1150
60	48	6	1800
110	88	11	6050

Dimensions (mm)

AS62F 1Z



AS62F 2Z



Features

- ◆ 1Z with metal wire, rated load reach 120A max
- ◆ without cover version AS 62 available, better radiator

Ordering Information

AS62F-					
Mount Options	B: Screw				
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 ₂				

Notes: We have 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.



AS62F 1Z 120A
(JQX-62F 1Z 120A)



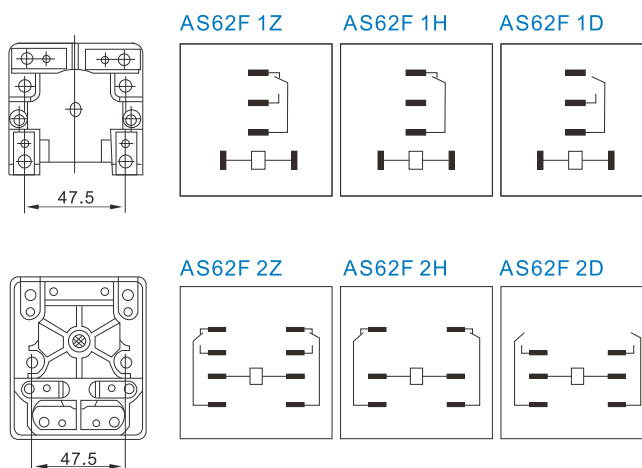
Screw Mount

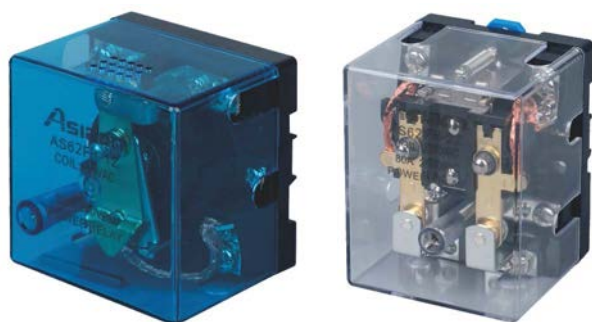


AC Coil Data

Rated Voltage VAC	Pickup Voltage VAC	Dropoff Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	9
12	9.6	3.6	36
24	19.2	7.2	144
48	38.4	14.4	576
110	88	36	3025
220/240	176	72	12000/14400

Wiring Diagrams





AS62FH 1Z
(JQX-62FH 1Z 120A)

AS62FH 2Z
(JQX-62FH 2Z 80A)



Specifications

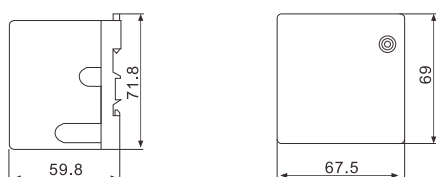
		1Z	2Z
Contact	Contact Form	1Z	2Z
	Rated Load (Resistive property)	80A 250VAC/30VDC	
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂	
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)	
	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil≥2500VAC/1min	
	Operate/Release Time	≤40ms/25ms	
Coil	Terminal Type	Screw	
	Operating PowerDC/AC	2.0W/AC4VA	

DC Coil Data

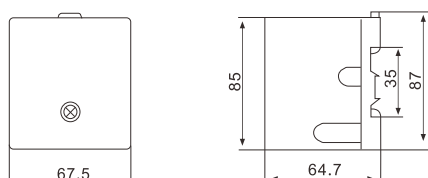
Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	18
12	9.6	1.2	72
24	19.2	2.4	288
48	38.4	4.8	1150
60	48	6	1800
110	88.0	11.0	6050

Dimensions (mm)

AS62FH 1Z



AS62FH 2Z



Features

- ◆ 1Z with metal wire, rated load reach 120A max
- ◆ without cover version AS 62H available, better radiator

Ordering Information

AS62F-					
Mount Options	H : Din Rail				
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 ₂				

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.



AS62FH 1Z 120A
(JQX-62F 1Z 120A)

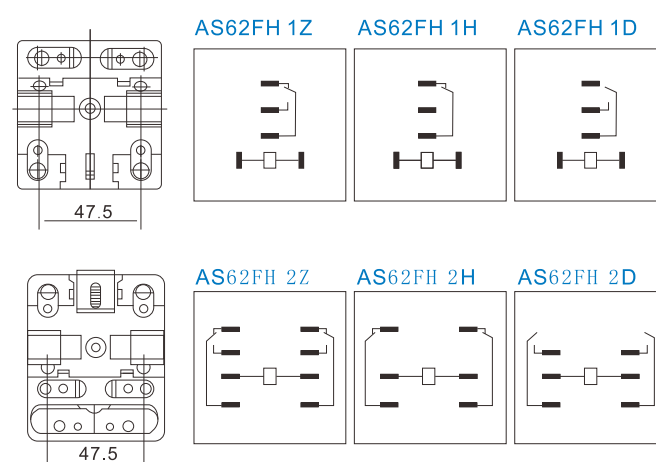


Din Rail Mount

AC Coil Data

Rated Voltage VAC	Pickup Voltage VAC	Dropoff Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	9
12	9.6	3.6	36
24	19.2	7.2	144
48	38.4	14.4	576
110	88	36	3025
220/240	176.0	72.0	12000/14400

Wiring Diagrams



AS82F Power Relay



AS82F
(JQX-82F 1Z)



Specifications

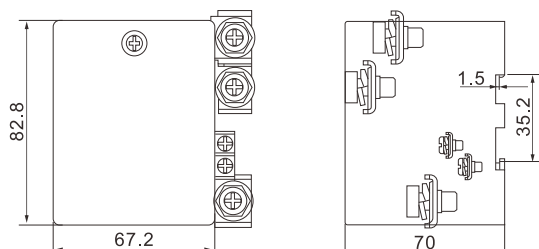
Contact	Contact Form	1Z
	Rated Load (Resistive property)	150A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)
	Dielectric Strength	Between open contacts≥1000VAC/1min Between contact and coil≥2500VAC/1min
	Operate/Release Time	≤40ms/25ms
	Terminal Type	Screw
	Coil Operating PowerDC/AC	2.0W/AC4VA

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.6	18
12	9.6	1.2	70
24	19.2	2.4	290
48	38.4	4.8	1152
60	48	6	1800
110	88.0	11.0	6000

Dimensions (mm)

AS82F 1Z



Features

- ◆ 1Z rated load reach 150A max
- ◆ patented product

Ordering Information

AS82F-					
Mount Options	B : Screw				
Options	N/A				
Contact Form	1Z(Z:A H:A D:B)				
Voltage Type	D:DC A:AC				
Coil Voltage	see coil data				
Contact Material	1:AgSnO ₂				

Notes: We have 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.

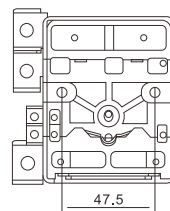


Screw Mount

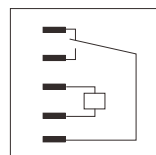
AC Coil Data

Rated Voltage VAC	Pickup Voltage VAC	Dropoff Voltage VAC	Coil Resistance Ω±10%
6	4.8	1.8	9
12	9.6	3.6	36
24	19.2	7.2	144
48	38.4	14.4	576
110	88	36	3025
220/240	176.0	72.0	12000/14400

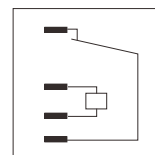
Wiring Diagrams



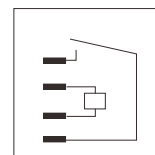
AS82F 1Z

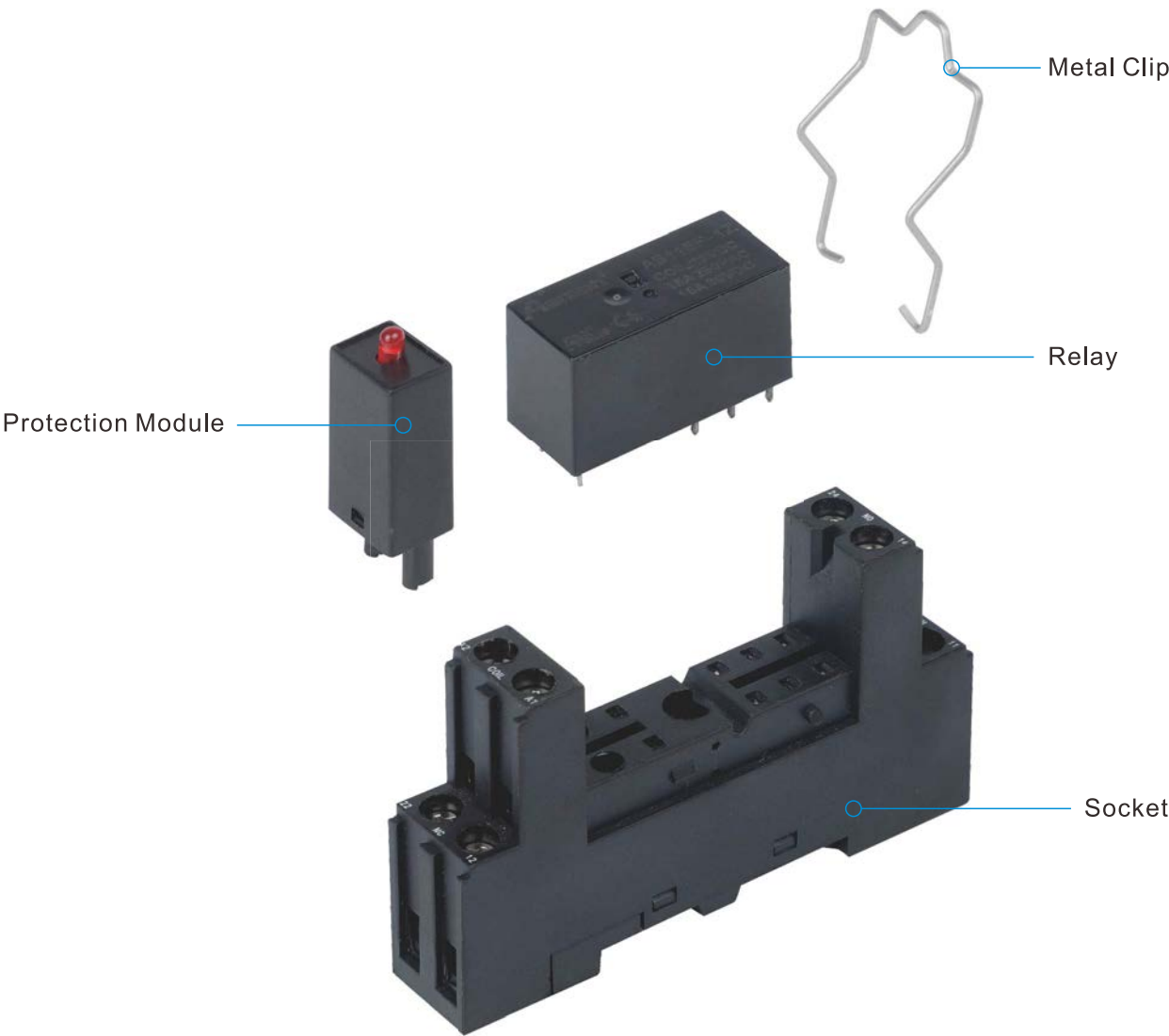


AS82F 1H

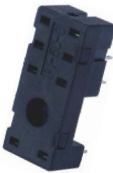


AS82F 1D





Sockets Selection Table

D series			
	PDF□□-E2	PDF□□-E3	PDP□□

Note: Other matched accessories please refer to the bottom page.



AS115F
(JQX-115F)



Specifications

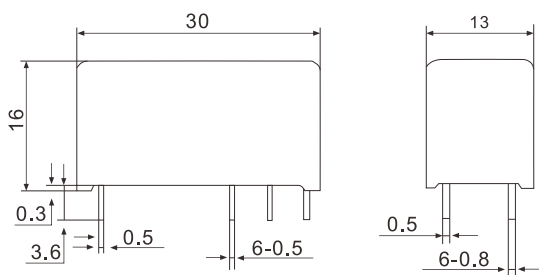
Contact	Contact Form	1Z	2Z
	Rated Load (Resistive property)	12A 250VAC/30VDC 16A 250VAC/30VDC	8A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂	
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)	
	Dielectric Strength	Between open contacts≥1000VAC/1min	
		Between poles≥1500VAC/1min	
		Between contact and coil≥5000VAC/1min	
	Operate/Release Time	≤15ms/5ms	
Coil	Terminal Type	PCB	
	Operating PowerDC/AC	0.4W	

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
5	3.75	0.5	62.2
6	4.5	0.6	90
12	9.0	1.2	360
24	18.0	2.4	1440
48	36.4	4.8	5760
60	48.0	6.0	9000
110	82.5	11.0	30250

Dimensions (mm)

AS115F



Features

- ♦ rated load 16A
- ♦ low height 16mm
- ♦ creepage distance: 10mm
- ♦ 5kV dielectric strength (between coil and contacts)

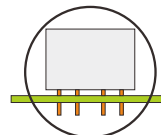
Ordering Information

AS115F-					
Mount Options					
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 ₂					

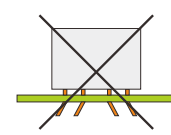
Notes: We have now gradually updated our ordering information. We suggest new type should be selected. If necessary, old type can be kept for some period for the old customers.



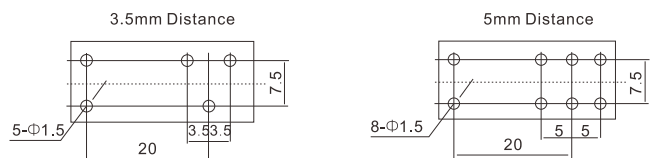
1Z



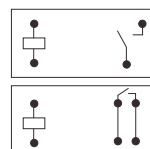
2Z



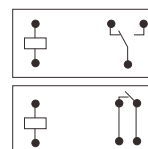
Wiring Diagrams



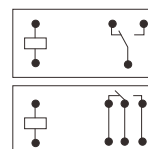
AS115F 1H



AS115F 1D



AS115F 1Z



1pole 3.5mm distance 12A

1pole 5mm distance 16A

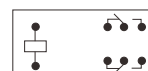
AS115F 2H



AS115F 2D



AS115F 2Z



2 poles 5mm distance 8A



AS14FC
(JQX-14FC)



Specifications

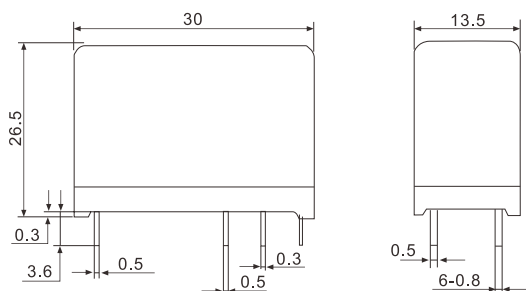
Contact	Contact Form	1Z	2Z
	Rated Load (Resistive property)	10A 250VAC/30VDC 16A 250VAC/30VDC	5A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times	
	Initial Contact Resistance	≤100MΩ (1A 6VDC)	
	Contact Material	AgSnO ₂	
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)	
	Dielectric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

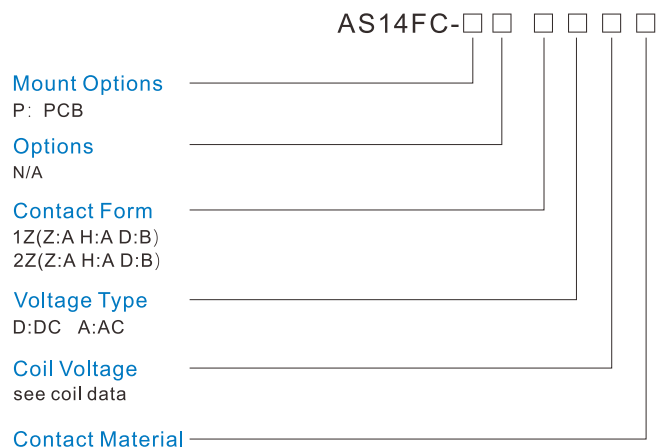
AS14FC



Features

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

Ordering Information



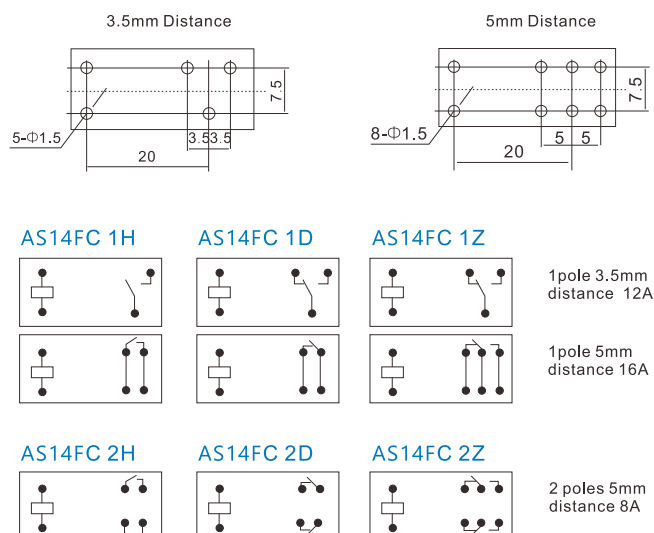
Notes: We have now gradually updated our ordering information. We suggest new type should be selected. If necessary, old type can be kept for some period for the old customers.



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



PDF□□-E2

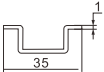


Appearance

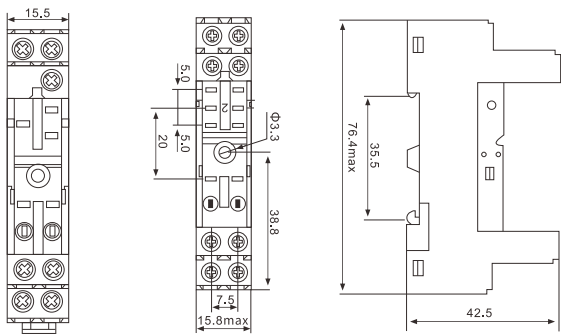


PDF□□-E2
(RT625-B)

Specifications			
Rated Load	Current/Voltage	A/VAC	10/300
Dielectric Strength	Coil&Contacts	V/S	4000
	Between Contacts	V/S	2500
Wire Size	AWG/mm2	20-14/0.5-2.5	
Tightening Torque	Nm	0.8	
Terminal Ingress Protection		IP20	

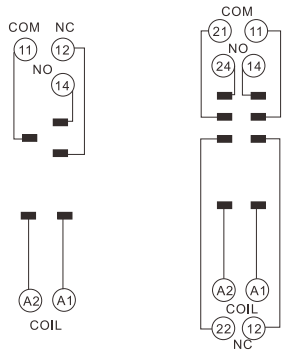
Matched accessories			
Socket	Clip	Module	DIN Rail
PDF□□-E2	B-25C K-25C(AS14FC)	AMB Series	
	B-15F K-15F(AS115FC)		

Dimensions (mm)



PDF05-E2 PDF08-E2

Connection Diagrams



PDF05-E2 PDF08-E2

PDF□□-E3

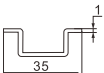


Appearance

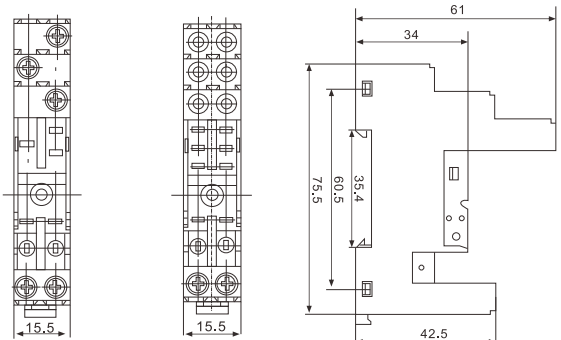


PDF□□-E3
(RT626-B)

Specifications			
Rated Load	Current/Voltage	A/VAC	10/300
Dielectric Strength	Coil&Contacts	V/S	4000
	Between Contacts	V/S	2500
Wire Size	AWG/mm2	20-14/0.5-2.5	
Tightening Torque	Nm	0.8	
Terminal Ingress Protection		IP20	

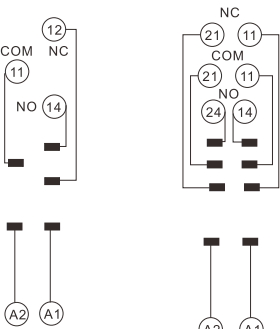
Matched accessories			
Socket	Clip	Module	DIN Rail
PDF□□-E3	B-25C K-25C(AS14FC)	AMB Series	
	B-15F K-15F(AS115FC)		

Dimensions (mm)



PDF05-E3 PDF08-E3

Connection Diagrams



PDF05-E2 PDF08-E2

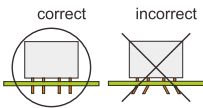
PDP□□



Appearance



PDP□□
(PSP-□□A)



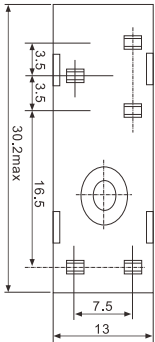
Specifications

Rated Load	Current/Voltage	A/VAC	10/300
Dielectric Strength	Coil&Contacts	V/S	4000
	Between contacts	V/S	2500
Wire Size		AWG/mm2	
Tightening Torque		Nm	

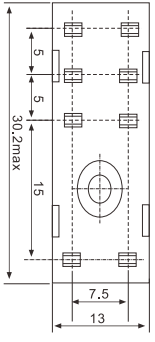
Matched accessories

Socket	Relay Type	Clip	Module	Din Rail
PDP□□	AS14FC 2Z 5A	K-25P	/	/
	AS115F 2Z	K-15P		
	AS115F 1Z 16A			

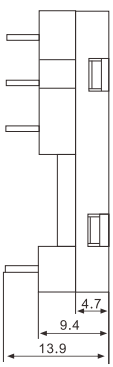
Dimensions (mm)



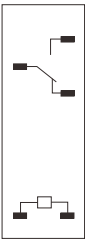
PDP05



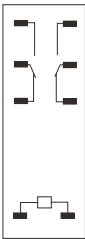
PDP08



Connection Diagrams



PDP05



PDP08



AS3F
(JQC-3F/T73)



Specifications

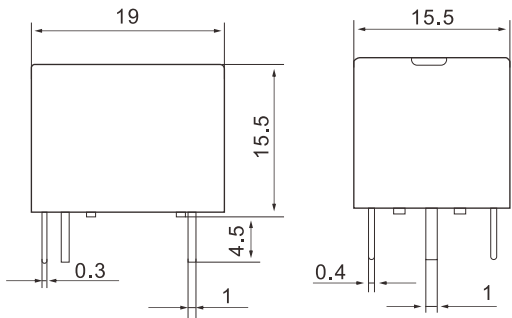
Contact	Contact Form	1Z
	Rated Load (Resistive property)	7A 250VAC/30VDC 10A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100MΩ (1A 6VDC)
	Contact Material	AgSnO ₂ AgNi
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)
	Dielectric Strength	Between open contacts≥1000VAC/1min
		Between poles≥1500VAC/1min
		Between contact and coil≥2500VAC/1min
	Operate/Release Time	≤10ms/5ms
Coil	Terminal Type	PCB
	Operating PowerDC/AC	0.36W

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
3	2.25	0.3	25
5	3.75	0.5	70
6	4.5	0.6	100
9	6.8	0.9	225
12	9.0	1.2	400
18	13.5	1.8	900
24	19.0	2.4	1600
48	36.0	4.8	4500

Dimensions (mm)

AS3F



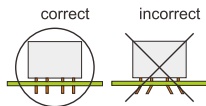
Features

- ♦ small size
- ♦ rated load 7A, 10A
- ♦ insulation system: Class F

Ordering Information

AS3F-					
Mount Options	P: PCB				
Options	N/A				
Contact Form	1Z(Z:A H:A)				
Voltage Type	D:DC				
Coil Voltage	see coil data				
Contact Material	1:AgSnO ₂				

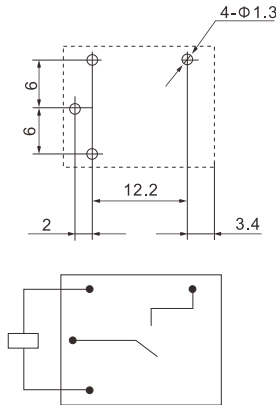
Notes: We have now gradually updated our ordering information. We suggest new type should be selected. If necessary, old type can be kept for some period for the old customers.



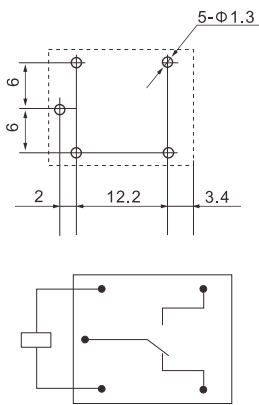
1Z

Wiring Diagrams

AS3F 1H



AS3F 1Z





AS15F
(JQX-15F/T90)



Specifications

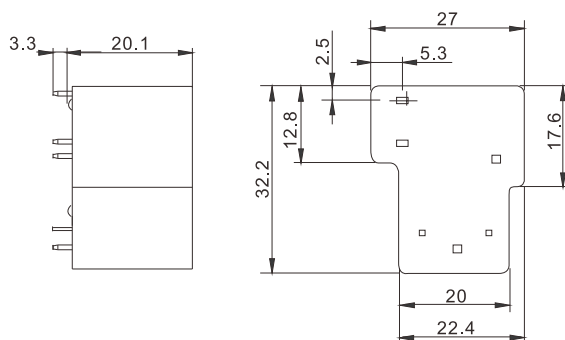
Contact	Contact Form	1Z
	Rated Load (Resistive property)	NO:30A 250VAC/30VDC NC:20A 250VAC/30VDC NO:40A 250VAC/30VDC NC:30A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)
	Dielectric Strength	Between open contacts≥1500VAC/1min Between contact and coil≥2500VAC/1min
	Operate/Release Time	≤15ms/10ms
	Terminal Type	PCB
Coil	Operating PowerDC	0.9W

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
5	3.75	0.5	30
6	4.5	0.6	45
9	6.75	0.9	100
12	9.0	1.2	160
15	11.25	1.5	260
18	13.5	1.8	385
24	18.0	2.4	660
48	36.0	4.8	2560
70	52.5	7.0	5500
110	82.5	11	13450

Dimensions (mm)

AS15F



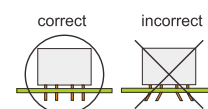
Features

- ♦ Rated Load40A
- ♦ 4kV dielectric strength (between coil and contacts)
- ♦ insulation system: Class F

Ordering Information

AS15F-					
Mount Options	P: PCB				
Options	N/A				
Contact Form	1Z(Z:A H:A D:B)				
Voltage Type	D:DC				
Coil Voltage	see coil data				
Contact Material	1:AgSnO ₂				

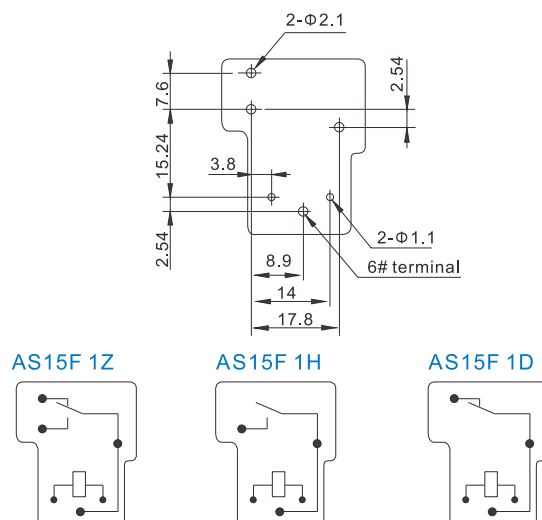
Notes:We has now gradually updated our ordering information. We suggest new type should be selected. If necessary, old type can be kept for some period for the old customers.



1H

1Z

Wiring Diagrams



AS15F 1Z

AS15F 1H

AS15F 1D



AS16F
(JQX-16F/T91)



Specifications

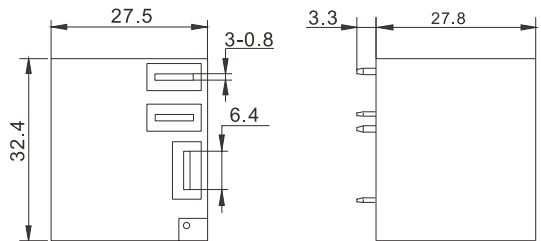
Contact	Contact Form	1Z
	Rated Load (Resistive property)	NO:30A 250VAC/30VDC NC:20A 250VAC/30VDC NO:40A 250VAC/30VDC NC:30A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)
	Dielectric Strength	Between open contacts≥1500VAC/1min Between contact and coil≥2500VAC/1min
	Operate/Release Time	≤15ms/10ms
	Terminal Type	PCB& Quick Connection
Coil	Operating PowerDC	0.9W

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
5	3.75	0.5	30
6	4.5	0.6	45
9	6.75	0.9	100
12	9.0	1.2	160
15	11.25	1.5	260
18	13.5	1.8	385
24	18.0	2.4	660
48	36.0	4.8	2560
70	52.5	7.0	5500
110	82.5	11	13450

Dimensions (mm)

AS16F



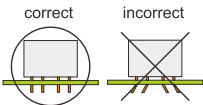
Features

- ♦ rated load 40A
- ♦ 2.5kV dielectric strength (between coil and contacts)
- ♦ insulation system: Class F
- ♦ plastic sealed and flux proofed types available

Ordering Information

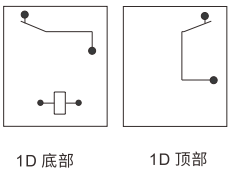
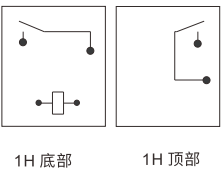
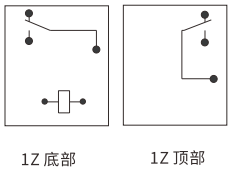
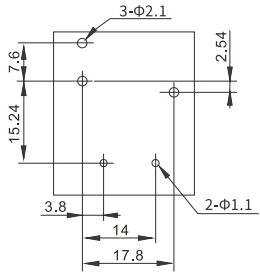
AS16F-					
Mount Options	P: PCB				
Options	N/A				
Contact Form	1Z(Z:A H:A D:B)				
Voltage Type	D:DC				
Coil Voltage	see coil data				
Contact Material	1:AgSnO ₂				

Notes: We have 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.



1Z

Wiring Diagrams





AS18F
(JQX-21F/T93)



Specifications

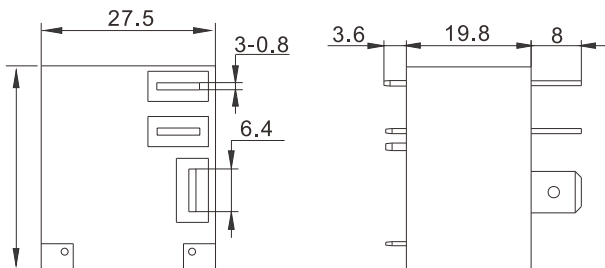
Contact	Contact Form	1Z
	Rated Load (Resistive property)	NO:30A 250VAC/30VDC NC:20A 250VAC/30VDC NO:40A 250VAC/30VDC NC:30A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)
	Dielectric Strength	Between open contacts≥1500VAC/1min Between contact and coil≥2500VAC/1min
	Operate/Release Time	≤15ms/10ms
	Terminal Type	PCB& Quick Connection
	Coil Operating PowerDC	0.9W

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
5	3.75	0.5	30
6	4.5	0.6	45
9	6.75	0.9	100
12	9.0	1.2	160
15	11.25	1.5	260
18	13.5	1.8	385
24	18.0	2.4	660
48	36.0	4.8	2560
70	52.5	7.0	5500
110	82.5	11	13450

Dimensions (mm)

AS21F



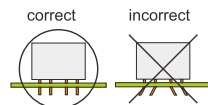
Features

- ♦ rated load40A
- ♦ PCB & quick contact terminal
- ♦ insulation system: Class F
- ♦ plastic sealed and flux proofed types available

Ordering Information

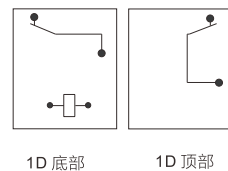
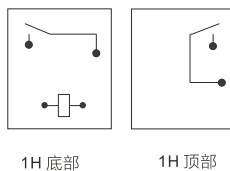
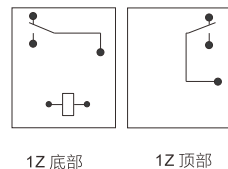
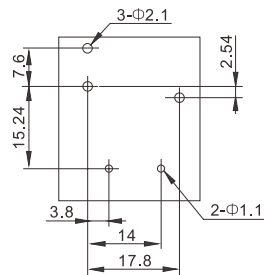
AS18F-	□	□	□	□	□
Mount Options	P: PCB				
Options	N/A				
Contact Form	1Z(Z:A H:A D:B)				
Voltage Type	D:DC				
Coil Voltage	see coil data				
Contact Material	1:AgSnO ₂				

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.



1Z

Wiring Diagrams





AS32F
(JZC-32F)



Specifications

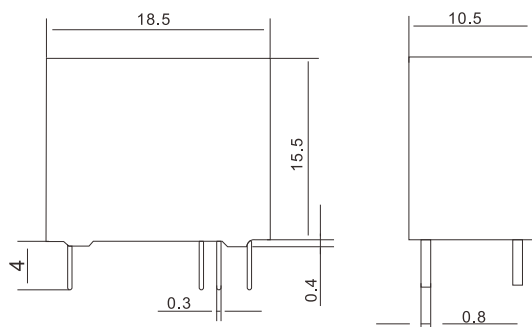
Contact	Contact Form	1H
	Rated Load (Resistive property)	10.16A 250VAC/30VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤100MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Characteristics	Insulation Resistance	≥1000MΩ (500VDC)
	Dielectric Strength	Between open contacts≥1000VAC/1min
		Between contact and coil≥4000VAC/1min
	Operate/Release Time	≤8ms/5ms
	Terminal Type	PCB
Coil	Operating PowerDC	0.45W

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
3	2.25	0.3	20
5	3.75	0.5	55
6	4.50	0.6	80
9	6.75	0.9	180
12	9.00	1.2	320
18	13.5	1.8	720
24	18.0	2.4	1280

Dimensions (mm)

AS32F



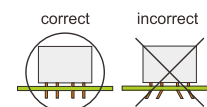
Features

- ♦ rated load 16A
- ♦ plastic sealed and flux proofed types available
- ♦ insulation system: Class F

Ordering Information

AS32F-					
Mount Options	P: PCB				
Options	N/A				
Contact Form	1H(H:A)				
Voltage Type	D:DC				
Coil Voltage	see coil data				
Contact Material	1:AgSnO ₂				

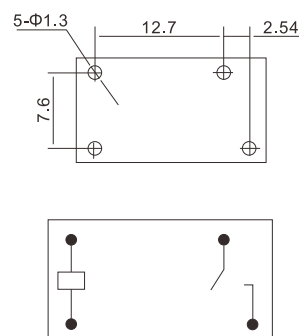
Notes: We have now gradually updated our ordering information. We suggest new type should be selected. If necessary, old type can be kept for some period for the old customers.



1H

Wiring Diagrams

AS32F 1H





AS401



Specifications

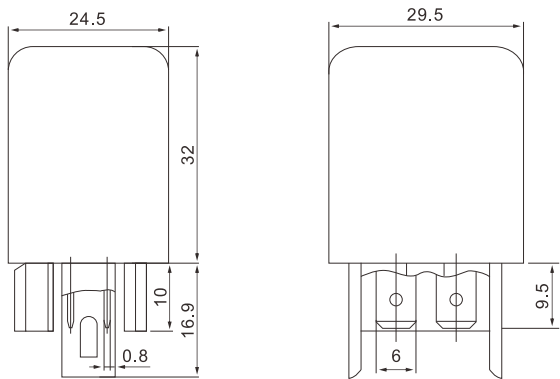
Contact	Contact Form	1H
	Rated Load (Resistive property)	NO:30A 12VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤50MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Charact eristics	Insulation Resistance	≥1000MΩ (500VDC)
	Dielectric Strength	Between open contacts≥500VAC/1min
		Between contact and coil≥500VAC/1min
	Operate/Release Time	≤15ms/10ms
Coil	Terminal Type	Quick Connection
	Operating PowerDC	1.8W

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
5	3.5	0.5	16
6	4.2	0.6	20
12	8.4	1.2	85
24	16.8	2.4	320

Dimensions (mm)

AS401



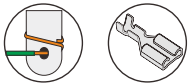
Features

- ◆ rated load10A
- ◆ extended temp. range up to 125°C
- ◆ plastic sealed and flux proofed types available
- ◆ ELV compliant

Ordering Information

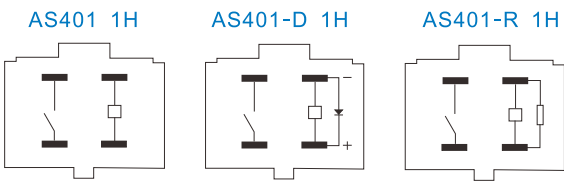
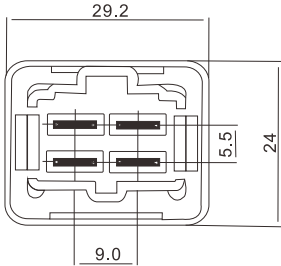
AS401-	□	□	□	□	□
Mount Options					
N/A: quick connection					
Options					
N/A: standard D:diode R:resistance					
Contact Form					
1H(H:A)					
Voltage Type					
D: DC					
Coil Voltage					
see coil data					
Contact Material					
1:AgSnO ₂					

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.



AS401

Wiring Diagrams





AS402



Specifications

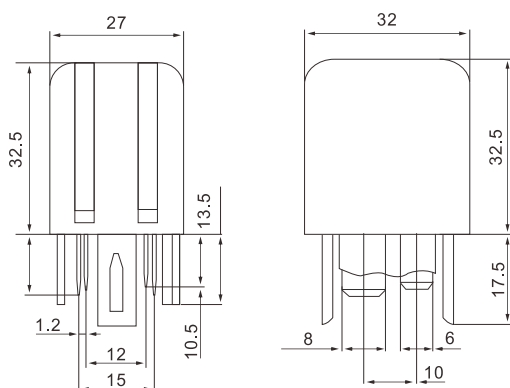
Contact	Contact Form	1H
	Rated Load (Resistive property)	30A 12VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤50MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Characteristics	Insulation Resistance	≥500MΩ (500VDC)
	Dielectric Strength	Between open contacts≥500VAC/1min
		Between contact and coil≥500VAC/1min
	Operate/Release Time	≤15ms/10ms
	Terminal Type	Quick Connection
Coil	Operating PowerDC	1.8W

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
5	3.5	0.5	16
6	4.2	0.6	20
12	8.4	1.2	85
24	16.8	2.4	320

Dimensions (mm)

AS402



Features

- ♦ rated load30A
- ♦ extended temp. range up to 125°C
- ♦ plastic sealed and flux proofed types available
- ♦ ELV compliant

Ordering Information

AS402-□ □ □ □ □

Mount Options

N/A: quicconnection

Options

N/A: standard D: diode R: resistance

Contact Form

1H(H:A)

Voltage Type

D: DC

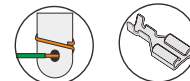
Coil Voltage

see coil data

Contact Material

1: AgSnO₂

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.

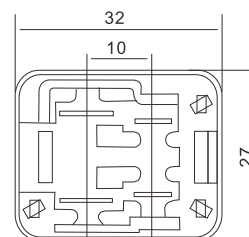


AS402

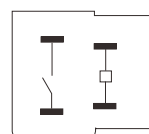


AS402

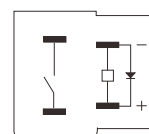
Wiring Diagrams



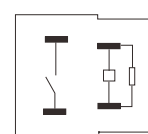
AS402 1H



AS402-D 1H



AS402-R 1H





AS403
(RL15)

AS404
(JD1929)



Specifications

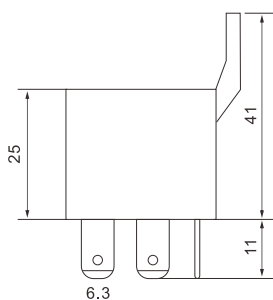
Contact	Contact Form	1H, 1Z
	Rated Load (Resistive property)	30A 12VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤50MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Charact eristics	Insulation Resistance	≥500MΩ (500VDC)
	Dielectric Strength	Between open contacts≥500VAC/1min Between contact and coil≥500VAC/1min
	Operate/Release Time	≤15ms/10ms
	Terminal Type	Quick Connection
	Coil Operating PowerDC	1.8W

DC Coil Data

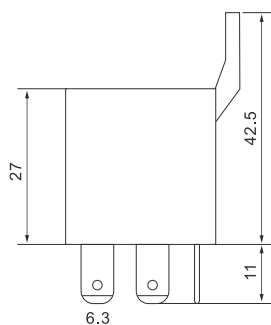
Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
5	3.5	0.5	16
6	4.2	0.6	20
12	8.4	1.2	85
24	16.8	2.4	320

Dimensions (mm)

AS403



AS404



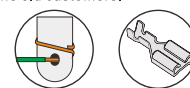
Features

- ♦ rated load30A
- ♦ extended temp. range up to 125°C
- ♦ plastic sealed and flux proofed types available
- ♦ ELV compliant

Ordering Information

AS403-					
Mount Options					
N/A: quickconnection					
Options					
N/A					
Contact Form					
1Z(Z:A H:A)					
Voltage Type					
D: DC					
Coil Voltage					
see coil data					
Contact Material					
1:AgSnO ₂					

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.



AS403 1Z



1H

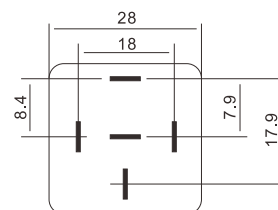


AS404 1Z

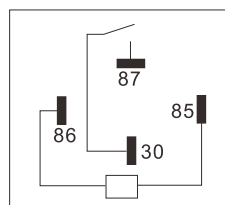


1H

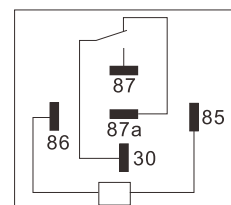
Wiring Diagrams



AS403/AS404 1H



AS403/AS404 1Z





AS405
(CM6321)



Specifications

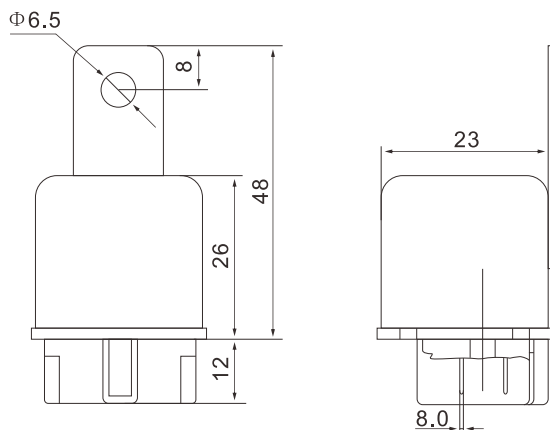
Contact	Contact Form	1H
	Rated Load (Resistive property)	30A 12VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤50MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Characteristics	Insulation Resistance	≥500MΩ (500VDC)
	Dielectric Strength	Between open contacts≥500VAC/1min Between contact and coil≥500VAC/1min
	Operate/Release Time	≤15ms/10ms
	Terminal Type	Quick Connection
	Coil Operating PowerDC	1.8W

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
5	3.5	0.5	16
6	4.2	0.6	20
12	8.4	1.2	85
24	16.8	2.4	320

Dimensions (mm)

AS405(CM6321)



Features

- ♦ rated load30A
- ♦ extended temp. range up to 125°C
- ♦ plastic sealed and flux proofed types available
- ♦ ELV compliant

Ordering Information

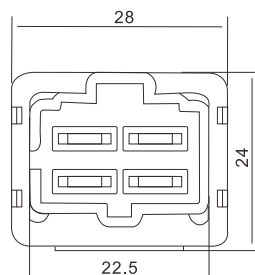
AS405-	☐	☐	☐	☐	☐
Mount Options					
N/A:Quick Connection					
Options					
N/A					
Contact Form					
1H(H:A)					
Voltage Type					
D: DC					
Coil Voltage					
see coil data					
Contact Material					
1:AgSnO ₂					

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.

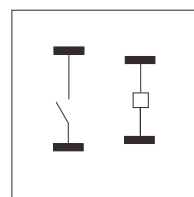


AS405(CM6321)

Wiring Diagrams



AS405 1H





AS406
(CM6331)

AS406M
(CM6331)



Specifications

Contact	Contact Form	1H, 1Z
	Rated Load (Resistive property)	30A 12VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤50MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Characteristics	Insulation Resistance	≥100MΩ (500VDC)
	Dielectric Strength	Between open contacts≥500VAC/1min Between contact and coil≥500VAC/1min
	Operate/Release Time	≤15ms/10ms
	Terminal Type	Quick Connection
Coil	Operating PowerDC	1.8W

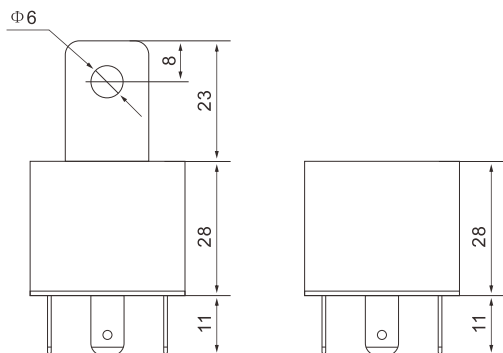
DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
5	3.5	0.5	16
6	4.2	0.6	20
12	8.4	1.2	85
24	16.8	2.4	320

Dimensions (mm)

AS406(CM6331)

AS406-1(CM6331)



Features

- ♦ Rated Load30A
- ♦ extended temp. range up to 125°C
- ♦ plastic sealed and flux proofed types available
- ♦ ELV compliant

Ordering Information

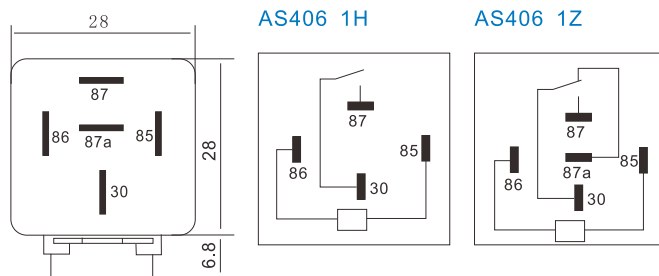
AS406-	☐	☐	☐	☐	☐
Mount Options					
N/A:Quick Connection M:Metal Plate Mount					
Options					
N/A					
Contact Form					
1Z(Z:A H:A)					
Voltage Type					
D: DC					
Coil Voltage					
see coil data					
Contact Material					
1:AgSnO ₂					

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.



AS406(CM6331)

Wiring Diagrams





AS408
(CM6311)



Specifications

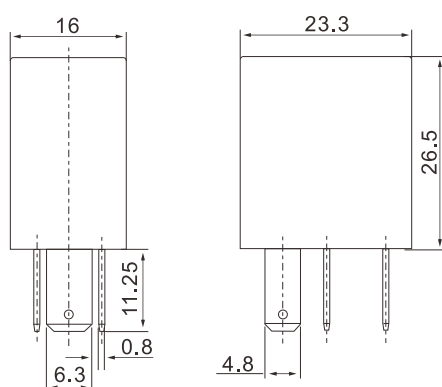
Contact	Contact Form	1H
	Rated Load (Resistive property)	30A 12VDC
	Electrical/Mechanical Life	≥100000times/1000000times
	Initial Contact Resistance	≤50MΩ (1A 6VDC)
	Contact Material	AgSnO ₂
Characteristics	Insulation Resistance	≥100MΩ (500VDC)
	Dielectric Strength	Between open contacts≥500VAC/1min Between contact and coil≥500VAC/1min
	Operate/Release Time	≤15ms/10ms
	Terminal Type	Quick Connection
	Coil Operating PowerDC	1.4W

DC Coil Data

Rated Voltage VDC	Pickup Voltage VDC	Dropoff Voltage VDC	Coil Resistance Ω±10%
5	3.5	0.5	18
6	4.2	0.6	26
12	8.4	1.2	103
24	16.8	2.4	410

Dimensions (mm)

AS408(CM6331)



Features

- ♦ Rated Load30A
- ♦ extended temp. range up to 125°C
- ♦ plastic sealed and flux proofed types available
- ♦ ELV compliant

Ordering Information

AS408-					
Mount Options					
N/A:Quick Connection					
Options					
N/A:standard D:diode R:resistance					
Contact Form					
1H(H:A)					
Voltage Type					
D: DC					
Coil Voltage					
see coil data					
Contact Material					
1:AgSnO ₂					

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.

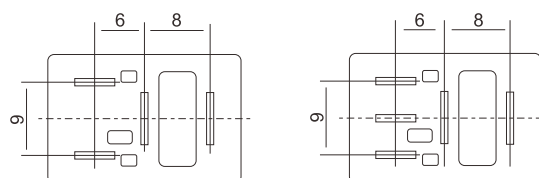


1Z

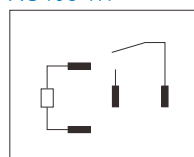


1H

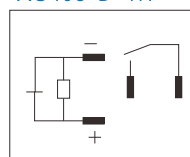
Wiring Diagrams



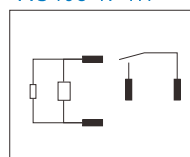
AS408 1H



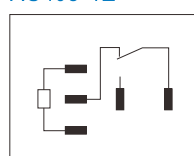
AS408-D 1H



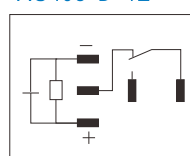
AS408-R 1H



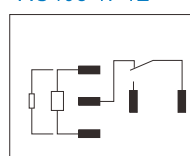
AS408 1Z



AS408-D 1Z



AS408-R 1Z





AMA Series



AMB Series

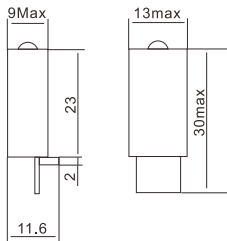


AMC Series

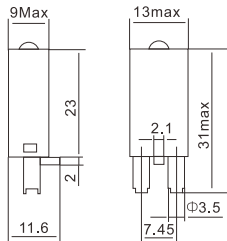


AMD Series

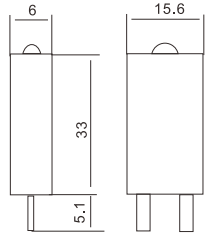
Module Type	Specifications	Function	Wiring Diagram
AMA/B/C/D-L	6-24VAC/DC 110/240VAC/DC	AC/DC Circuit status indicator	
AMA/B/C/D-LD	6-24VDC 110/240VDC	DC Circuit status indicator DC Surge suppressor	
AMA/B/D-RC	6-24VAC 110/240VAC	AC RC circuit	
AMA/B/D-M	24VAC/DC 120VAC/DC 240VAC/DC	AC/DC Over-voltage protection	
AMA/B/D-ML	24VAC/DC 120VAC/DC 240VAC/DC	AC/DC Circuit status AC/DC Over-voltage protection	
AMA/B/C/D-D	6-250VDC	DC Surge suppressor	



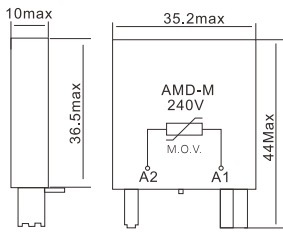
AMA Series



AMB Series



AMC Series



AMD Series

B-35	B-25C	B-15F	K-35S
PYF Series	PDF Series	PDF Series	PTF Series PYF□□A PYF□□A-E
K-15P/K-20P/K-25P	K-35	K-35T	K-53
PDP Series/PDF Series	PYF□□A-E2 PYF□□A-E3	PTP14/PYP Series	PPF Series

Notes